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Public Comments on the NASA SSFL SEIS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

December 18, 2019

Mr. Peter Zorba
National Aeronautics and Space Administration
5800 Woolsey Canyon Road
Canoga Park, California 91304

Subject: Supplemental Draft Environmental Impact Statement (SDEIS) for the Soil Cleanup Activities at the Santa Susana Field Laboratory, California (EIS No. 20190256)

Dear Mr. Zorba:

The U.S. Environmental Protection Agency has reviewed the above-referenced document pursuant to the National Environmental Policy Act, Council on Environmental Quality regulations (40 CFR Parts 1500-1508), and our NEPA review authority under Section 309 of the Clean Air Act. EPA previously reviewed the Draft EIS (September 30, 2013) and Final EIS (April 10, 2014) and provided recommendations regarding air quality and environmental justice impacts related to diesel truck trips associated with soil transport and disposal.

The SDEIS identifies that following the publication of the Record of Decision (April 25, 2014), NASA completed soil investigations and other resource surveys that identified substantive new information since completion of the 2014 FEIS to comply with the 2010 Administrative Order on Consent for Remedial Action.¹ NASA now estimates 870,000 cubic yards of contaminated soil may need to be excavated from the NASA-administered parcels of the Santa Susana Field Laboratory, compared with the previously estimated amount of 500,000 cubic yards, requiring 99,098 total truckloads of soil hauling, rather than 52,000 total truckloads.

Trucking and Construction Equipment Emissions

Table 3.3-5 in the SDEIS states that the estimated annual average emissions from material loading and truck hauling would not exceed General Conformity *de minimis* and Prevention of Significant Deterioration thresholds. However, Table 3.3-6 indicates that the peak daily emissions from a maximum of 32 round-trip truckloads per day would exceed the Ventura County Air Pollution Control District's significance threshold for oxides of nitrogen. NASA has committed to comply with the District's permit requirements and purchase offsets in the affected air basins to meet the District's peak daily emissions threshold. The SDEIS also states that the joint Boeing-DOE-NASA transportation plan for the Field Laboratory sites will limit the project truck roundtrips to an annual average of 16 per day, with a peak maximum of 32 per day, which is far fewer daily truckloads than the 314 daily loads presented in the 2014 FEIS.

¹ Administrative Order on Consent for Remedial Action between NASA and the State of California Department of Toxic Substances Control. (Docket No. HSA-CO 10/11-038)

https://ssfl.msfc.nasa.gov/files/documents/governance/NASA_DTSC_Final_AOC_Dec_2010.pdf

EPA appreciates that NASA has committed to use newer model-year haul trucks or alternative-fueled construction equipment to reduce criteria pollutant emissions during material hauling and construction activities. Since soil cleanup activities may take place over a period of up to 25 years or more; it is reasonably foreseeable that newer technology and zero-emissions trucks may become available.

Recommendation: EPA recommends that Air Quality Mitigation Measures BMP-2 be revised to include a commitment for use of Tier 4 diesel engines for soil transport. We also recommend that the clean-up plan and BMP-2 be revised to accommodate, and commit to, future emissions reduction technologies when available and feasible (zero-emission and near zero emissions haul trucks, etc.).

EPA appreciates the opportunity to review this SDEIS. When the Supplemental Final EIS is released for public review, please send one copy to the address above (mail code: TIP-2). If you have any questions, please contact me at (415) 947-4167, or contact Zac Appleton, the lead reviewer for this project, at 415-972-3321 or appleton.zac@epa.gov.

Sincerely,


For Jean Prijatel, Manager
Environmental Review Branch

Cc (via e-mail): Mark Malinowski, Department of Toxic Substances Control
Laki Tisopulos, Ventura County Air Pollution Control District
Susan Nakamura, South Coast Air Quality Management District



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Air Pollution
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Dr. Laki Tisopoulos
Air Pollution Control Officer

January 7, 2020

Peter Zorba, SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304

SUBJECT: Extended Comment Period for Notice of Availability (NOA) of the Draft Supplemental Environmental Impact Statement (DSEIS) for Soil Cleanup Activities at the Santa Susana Field Laboratory (SSFL). Federal Register 84 FR 67296 Page 67296 Docket No. 19-080, Document No. 2019-26398

Dear Mr. Zorba,

Thank you for the opportunity to review and comment on the above-referenced document. As the governmental local air agency responsible for regulating air emissions in Ventura County, we wish to submit the following comments on this project. The project site is south of Simi Valley in Ventura County and is therefore subject to our regulatory oversight for air quality. The Draft Supplemental Environmental Impact Statement (DSEIS) analyzes the potential environmental impacts of four action alternatives for cleanup activities of NASA-administered property within SSFL, varying in degree of soil cleanup levels according to expected land use after project completion and/or different standards of risk assessment exposures. A No-Action Alternative scenario is also presented, in which no additional air emissions would result from a soil cleanup activity beyond what has already been directed under the 2013 Interim Source Removal Action-National Pollutant Discharge Elimination System (ISRA-NPDES). Listed below are comments and recommendations to the DSEIS.

General Comments

Item 1- The air emission estimations presented in Table 3.3-5 and Table 3.3-6 summarized emission calculations previously presented in the NASA SSFL FEIS in 2014. As stated in the DEIS, emission calculations are conservative and most probably overestimated as the emission factors used for the heavy-duty diesel transport trucks are from California Air Resources Board's (CARB) EMFAC2011-PL and newer lower emission factors are available from U.S EPA-approved models such as EMFAC2014 and EMFAC2017.

Item 2- In addition to the proposed air quality Best Management Practices and Mitigation Measures listed in Section 3.3.3, the District recommends an additional mitigation measure of requiring a minimum of Tier 4 EPA diesel engines for all off-road equipment in order to reduce NOx emissions to the greatest extent feasible. The mitigated NOx emissions as a result of this measure can also be quantified using the emission modeling methods presented in the DSEIS.

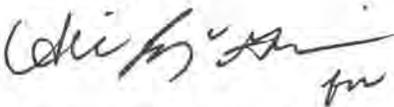
The use of higher-tier diesel off-road equipment will not only reduce NOx emissions, but Diesel Particulate Matter (DPM) emissions. The California Air Resources Board CARB and EPA have designated DPM as a toxic air contaminant (TAC), which has been found to account for 70-80% of the overall cancer risk from mobile source emissions (CARB 2005 Land Use Handbook, South Coast AQMD MATES IV 2015 Study). In addition to the use of Tier 4 off-road equipment, the District also recommends the use of engine model year 2010 and beyond for on-road diesel equipment, pursuant to the CARB On-Road Heavy Duty Diesel Vehicle Regulation. A Regulation Fact Sheet can be found here:

<https://ww3.arb.ca.gov/msprog/onrdiesel/documents/fsregsum.pdf>.

Item 3- We recommend AQ BMP-1 to be modified to reflect standard mitigation practices of contributing to a Transportation Demand Mitigation (TDM) Fund Fee program for the reduction of mobile emissions in the regional area. Staff is not aware of any District rule requirements allowing purchasing Emission Reduction Credits (ERCs) to offset any NOx increases from mobile sources in Ventura County. Alternatively, a TDM Fund agreement can be reached between the District and NASA so that the District administers the funds for new projects specifically designed to reduce mobile emissions in the Simi Valley area (i.e. installation of EV charging stations, the upgrading of agricultural combustion equipment, etc.). Similar TDM agreements have been made for large industrial projects in the Simi Valley area. Additionally, the District has the knowledge and expertise to fund projects similar to those mentioned through our current incentives programs.

Our agency is available to help you identify suitable air quality mitigation measures. If you have any questions, you may reach me at (805) 645-1440 or contact the District's Planning Division at 805-645-1427.

Sincerely,



Dr. Laki Tisopulos, P.E.
Air Pollution Control Officer
Ventura County Air Pollution Control District



Jared Blumenfeld
Secretary for
Environmental Protection



Department of Toxic Substances Control

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Gavin Newsom
Governor

January 8, 2020

Mr. Peter Zorba
Santa Susana Field Laboratory Project Director
National Aeronautics and Space Administration
5800 Woolsey Canyon Road
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DEPARTMENT OF TOXIC SUBSTANCES CONTROL COMMENTS ON NASA DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR SOIL CLEANUP ACTIVITIES, SANTA SUSANA FIELD LABORATORY, VENTURA COUNTY CALIFORNIA

Dear Mr. Zorba:

The Department of Toxic Substances Control (DTSC) provides these comments on the National Aeronautics and Space Administration's (NASA) Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities (Draft SEIS) at the Santa Susana Field Laboratory (SSFL). NASA issued the Draft SEIS on October 25, 2019.

I. NASA'S DRAFT DOCUMENT CONTAINS IRREGULARITIES AND A REVERSAL IN APPROACH THAT CONFLICT WITH NASA'S LEGAL OBLIGATIONS TO CLEANUP NASA SANTA SUSANA FIELD LAB PROPERTY.

NASA's Draft SEIS includes two irregularities on which we elaborate with more specificity in the following comments. First, in March 2014 NASA produced a final EIS for the cleanup, but later identified significantly more soil contamination on the site than evaluated in the document. This increase in volume required NASA to prepare the October 2019 Draft SEIS. While estimates of contaminated soil on site have increased, three of the four alternative cleanup scenarios presented in the 2019 Draft SEIS are estimated to cleanup less contamination than NASA proposed in 2014.

Second, in 2012, the White House Council on Environmental Quality (CEQ) noted that NASA was legally bound by a 2010 Administrative Order on Consent (AOC), which requires a background cleanup standard at SSFL. Therefore, CEQ stated that cleanup alternatives in an EIS which did not comply with the AOC standards were infeasible. NASA's March 2014 Final EIS complied with CEQ's direction by analyzing actions that

complied with the AOC. However, NASA's 2019 Draft SEIS includes three infeasible cleanup alternatives that would fail to comply with the AOC. The same three infeasible alternatives are also based on scenarios which propose to clean up less contamination than NASA proposed in 2014.

NASA has failed to provide a rational explanation or data to support the Draft SEIS' irregularities and unexplained reversal. Therefore, the Draft SEIS is legally deficient. DTSC also reminds NASA that we will continue to hold NASA accountable for complying with the AOC.

II. NASA HAS IMPROPERLY DEFINED THE PURPOSE AND NEED OF ITS PROPOSED ACTION IN THE DRAFT SEIS

The Draft SEIS fails to describe compliance with the AOC between DTSC and NASA as a purpose or need of the SEIS. The AOC dictates NASA's cleanup process and cleanup levels for soils at SSFL. NASA should restate the SEIS's purpose and need to achieve compliance with the AOC.

NEPA requires NASA to include a statement explaining NASA's purpose and need in proposing an action and alternatives at issue in the SEIS. (See 40 C.F.R. § 1502.13.) The purpose and need statement dictate the range of reasonable alternatives. (*League of Wilderness Defenders-Blue Mountain Biodiversity Project v. Bosworth*, 383 F.Supp.2d 1285 (D. Or. 2005).)

Here, NASA's description of the Purpose and Need for Action of the Draft SEIS (Section 1.0) states the following:

The purpose of the Proposed Action is to use the best available science and technology to achieve soil cleanup swiftly and in a manner that reduces impacts to the community and protects public health and the environment. (Supp. EIS p. 1-10.)

NASA makes no mention of its obligations under AOC, which should be the priority and driving force behind NASA's SSFL cleanup. The AOC, which was agreed to and signed by delegates of NASA and DTSC, strictly defines NASA's obligation to clean up soils in SSFL Area II and Area I LOX to chemical background concentrations or reporting limits where no background value exists, on a point-by-point basis. Thus, the purpose of the proposed action must reflect NASA's cleanup commitments under the AOC.

Moreover, NASA's 2019 description of the purpose and need is an unexplained reversal of the Purpose and Need for Action in NASA March 2014 Final EIS for Demolition and

Environmental Cleanup Activities at SSFL. In 2014, NASA appropriately acknowledged its AOC commitments:

The purpose of the Proposed Action is to remediate the environment to a level that meets NASA's environmental cleanup responsibilities and to undertake the demolition actions necessary to support both remediation and property disposition of the NASA-administered portion of SSFL.

Contamination is known to exist at NASA's SSFL property . . . Therefore, the Proposed Action is needed to protect human health and the environment, **to meet the requirements of the 2007 Consent Order and AOC** by the completion date of 2017, to reduce ongoing maintenance costs, and to prepare the property for disposition. (NASA 2014 Final EIS, p. 1-7) (emphasis added.)

Given this unexplained change, DTSC believes it is important to reiterate our commitment to holding NASA accountable for meeting its legal obligations under the AOC. NASA agreed to these enforceable requirements. DTSC will use all available authorities to ensure NASA complies with its obligations under the AOC.

The purpose and need statement also misrepresents the actual need for the Draft SEIS, which is to augment the impact evaluations related to the substantial increase in NASA contaminant soil volumes since 2014. The statement's explicit promotion of swiftness of cleanup is of potential concern, when the statement omits mention of factors that balance swiftness, such as quality and thoroughness of cleanup. For these reasons, DTSC strongly requests that NASA reconsider the purpose and need for the proposed action.

III. ALTERNATIVES SHOULD FOCUS ON HOW TO COMPLY WITH THE AOC IN THE LEAST IMPACTFUL MANNER, NOT WHETHER TO COMPLY WITH THE AOC

NASA asserts that the Draft "SEIS is written per the requirements outlined in the... AOC." DTSC disagrees. The Draft SEIS is flawed because it fails to consider alternatives within the bounds articulated by the AOC that governs NASA's cleanup of the SSFL site.

NEPA is clear: "The purpose of an EIS is to 'provide full and fair discussion of significant environmental impacts and [to] inform decisionmakers and the public of the reasonable alternatives which would avoid or minimize adverse impacts or enhance the quality of the human environment.'" (40 C.F.R. § 1502.1). The alternatives section "is the heart of the environmental impact statement." (40 C.F.R. § 1502.14.) In order to fulfill its

intended role of “sharply defining the issue and providing a clear basis for choice among options by the decisionmaker and the public,” the environmental impact statement must “[r]igorously explore and objectively evaluate all reasonable alternatives.” (*Id.* § 1502.14(a).) “The agency must look at every reasonable alternative within the range dictated by the nature and scope of the proposal.” (*Ilio’Ulaokalani Coalition v. Rumsfeld*, 464 F.3d 1083, 1095 (9th Cir. 2006); *see also Muckleshoot Indian Tribe v. U.S. Forest Service*, 177 F.3d 800, 812-13 (9th Cir. 1999).)

Here, NASA has chosen to analyze a range of alternatives that are infeasible because they are contrary to NASA’s legal obligations under the AOC. Three of NASA’s alternatives directly contradict the agreed upon terms of the AOC. These are Alternative B (Revised Lookup Table Levels Cleanup), Alternative C (Suburban Residential Cleanup), and Alternative D (Recreational Cleanup).

Under the AOC, DTSC will determine where NASA’s contamination in soil exceeds background and is subject to remediation. DTSC will not consider the Draft SEIS’ non-AOC compliant Alternatives in the final soil remedy selection and decision-making processes for NASA’s areas. Thus, any alternative that does not comply with the cleanup goals outlined with the AOC is inconsistent with the purpose and need of the proposed action and should be rejected as unreasonable or infeasible. (See *Headwaters, Inc. v. Bureau of Land Mgmt.*, 914 F.2d 1174, 1180 (9th Cir. 1990) (“Nor must an agency consider alternatives which are infeasible, ineffective, or inconsistent with the basic policy objectives ...”).)

This identical issue previously arose in 2011 when NASA identified five possible alternatives for remediation, some of which were inconsistent with the AOC. In May 2012, DTSC wrote to NASA requesting that NASA “modify the scope of its NEPA process to align itself with the project that NASA is actually undertaking – a cleanup of the site to background levels of contaminants in compliance with the AOC.” (Letter from Debbie Raphael, DTSC Director, to Allen Elliott, SSFL Project Manager, NASA (May 22, 2012), p. 1.) In response to an inquiry from Senator Boxer, the Council on Environmental Quality (CEQ) issued an opinion letter stating:

In this particular situation, where NASA has signed the Agreement and committed to a cleanup standard to background, nothing under NEPA or CEQ regulations constrains NASA from looking beyond cleanup to background, even though some may consider the analysis unnecessary and inconsistent with the agreement NASA signed with the State. However, there is no requirement that NASA consider alternatives that cleanup to other standards that differ from the agreement with the State. The Supreme Court has stated that the concept of alternatives must be

bounded by some notion of feasibility, *Vermont Yankee Nuclear Power Corp., v. NRDC*, 435 U.S. 519, 551 (1978), and under the specific facts of the cleanup at this time, feasibility is most sufficiently defined within the scope of cleanup to background.

(Letter from Nancy Sutley, CEQ Chair, to Honorable Barbara Boxer, U.S. Senate, (June 19, 2012), p. 1.) The position set forth by the CEQ seven years ago is equally applicable now.

Despite this, NASA has developed a suite of alternatives that cannot achieve the cleanup requirements of the AOC, and thus cannot be applied at the SSFL site. Describing the impacts from non-applicable cleanup approaches is not relevant to the analysis if DTSC cannot, and will not, approve a cleanup to levels exceeding those articulated in the AOC. Rather than select alternatives that do not actually comply with the AOC, NASA should have considered alternatives that could achieve the AOC-required standard of cleanup and *how* that standard could be met over time in the least impactful way. For instance, NASA has not provided a phased alternative, or one that considers the methods used for removal in sensitive areas. While the amount of soil removal is relevant to how cultural and natural resources may be impacted, the method, manner, and timing of soil removal is arguably equally if not more relevant.

The worst-case scenario for soil removal has been broadly established through the investigation and should exist across all alternatives as the potential amount of material that will have to be removed to comply with NASA's cleanup obligations. What is not established is how NASA might approach removal of the soils at issue. For instance, NASA should have considered whether hand-tools and other less-impactful equipment can and must be used in sensitive areas. NASA should have analyzed whether soil cleanup phased in over a period of time can avoid unnecessary environmental damage, including to nesting and other migratory animals. This type of analysis could also inform decision about the potential range of impacts on locations with plants of significance, including whether such areas can be left untouched until less resource-heavy locations are cleaned so that re-seeding might occur before additional soil removal actions. Similarly, in areas of high-cultural or historic significance, and in particular areas of concern to Native American and Tribal Governments, NASA could have considered partnerships with those entities and their communities that would have allowed for the appropriate background cleanup to be achieved. NASA could have but failed to consider approaches that create a project with fewer and less severe environmental impacts, while complying with the AOC.

Further, NASA fails to demonstrate that excavation and offsite disposal cannot be accomplished in a less harmful manner within the confines of the AOC's cleanup requirements. By its own words:

To obtain an understanding of the greatest potential impact by alternative and to provide decision makers with a comparative analysis by which to make a fully informed decision, it was assumed that excavation and offsite disposal would be the technology applied to the majority of the site. Consequently, the soil excavation quantities and truck traffic explained in Table 2.2-2 were used to analyze the greatest potential impact as a conservative assumption. (Supp. EIS p. 3-12.)

Relying on this worst-case-scenario assumption, and with no further information on how it might design contracts for offsite removal and disposal of soils in a way to be less impactful, NASA's document concludes that the AOC Alternative (Alternative A) is the most impactful to certain resource types because trucks will take out the most volume of soils under a background standard, and then focuses on how this can be mitigated if a lesser cleanup is applied. This approach is neither justified nor transparent, and not evidence of infeasibility under NEPA. By engaging in this approach, NASA has made it appear that the AOC is a problem that must be solved, when in fact the AOC is the driver for the cleanup and the binding document that governs it.

Finally, in broadly stating the impacts as it has, NASA fails to disclose how leaving contamination at these sites could harm their long-term viability and use both by people and animals, suggesting that in order to preserve various resources, NASA's contribution to their contamination should be underscored. Thus, its "no project" analysis states that doing nothing is the least impactful to these resources simply because they would remain undisturbed, while Alternatives B and C suggest less soil removal will lead to less impacts. However, NASA fails to discuss how risk-based scenarios with and without potential home-grown produce consumption would be affected if Area I LOX and II are not cleaned to background standards.

As a result, this false comparison masks the true issue. The question before NASA is not revisiting the cleanup standard that was NASA agreed to in 2010. The question is how to achieve that cleanup with varying levels of environmental impacts. NASA's approach does not answer the real question. Therefore, NASA's range of alternatives considered is infeasible and unreasonable. For these reasons, DTSC strongly requests that NASA revise the alternatives discussed in the Draft SEIS to once again align with the AOC.

IV. NASA SUPPLEMENTED ITS 2014 FEIS BECAUSE OF SIGNIFICANT NEW EVIDENCE OF CONTAMINATION, BUT PROPOSES A RANGE OF ALTERNATIVES THAT REDUCES NASA'S CLEANUP REQUIREMENTS

NASA states it issued the March 2014 FEIS and then conducted additional investigations that found "significant new circumstances," namely "substantially" increased volumes of soil that need to be cleaned up. The resulting 2019 Draft SEIS proposes a range of three infeasible alternatives that reduce soil cleanup volumes compared to its 2014 FEIS. (Compare 2014 FEIS, Table 2.2-6 with 2019 SEIS, Table ES-2). An agency must provide a rational explanation for a reversal of its direction. However, NASA provides no rational justification for its reversal; only discussion unsupported by analysis and alternatives outside the scope of NASA's legal obligations. DTSC believes that NASA must revise the range of alternatives to undertake actions that comply with the AOC.

V. THE DRAFT SEIS USES HYPERBOLE TO DESCRIBE CLEANUP CHALLENGES WHILE ESCHEWING ANALYSIS AND IGNORING EXISTING FLEXIBILITIES

DTSC disagrees with NASA's discussion contained in the Draft SEIS' section titled "Issues with Implementing the AOC Cleanup" (in the Executive Summary) and the expanded discussion in Section 2.2 (Action Alternatives) because they present an unbalanced discussion. These sections discuss six technical and logistical difficulties NASA foresees in implementing the AOC soil cleanup. NASA presents needless inflammatory phrases, such as "seemingly unresolvable issues," "severe environmental damage," and "potentially devastating effects."

However, NASA fails to provide analysis of cleanups impacts using all of the AOC's provisions, including provisions that provide flexibility in making cleanup decisions. Histrionic writing is not analysis and does not serve to inform the public or decision makers. DTSC is committed to working with NASA to resolve all challenges and assure compliance with the AOC.

VI. THE DRAFT SEIS ALTERNATIVE B PROPOSED LUT REVISIONS ARE INAPPLICABLE TO THE SSFL SITE.

NASA's Alternate B proposes a set of revised AOC Look Up Table (LUT) values for seven contaminants and contaminant classes in soil in areas NASA is responsible for cleaning up at SSFL. The AOC sets out the requirements for creating the LUT values. NASA's proposed LUT values are inconsistent with the AOC's requirements. Therefore, DTSC disagrees with NASA's proposed LUT values and will not consider this alternative as a final cleanup option.

DTSC has several reasons for rejecting NASA's alternative values. One central reason is that NASA's proposed modifications are inconsistent with the AOC's requirement to

clean up to background. Moreover, NASA's alternative risk-based values do not adequately take into account ecological risk factors, which would result in lower concentrations and likely require more cleanup. In addition, NASA appears to have picked values that skew towards less protective analysis. For example, the TPH concentration used in the evaluation (1,000 milligrams per kilogram, cited to the Los Angeles Regional Water Quality Control Board) represents one of the higher values applied by the Board. Similar criticisms are applicable to other alternative values. In summary, the Draft SEIS failure to account for such factors seriously limits the accuracy and utility of the Alternate B evaluation.

VII. THE DRAFT SEIS DISCUSSION OF SOIL BACKFILL ISSUES LACKS SUBSTANTIAL EVIDENCE.

NASA's Alternate B proposes a set of revised AOC Look Up Table (LUT) values for seven contaminants and contaminant classes in soil within NASA-administered areas at SSFL. The AOC sets out the requirements for creating the LUT values, and NASA's proposed modifications are inconsistent with these requirements. Therefore, DTSC disagrees with NASA's proposed LUT values and will not consider this alternative as a final cleanup option.

In addition to their non-compliance with the AOC, DTSC has several technical objections to NASA's modified LUT values. One central objection is that NASA's proposed modifications are inconsistent with the AOC's requirement to clean up soil to background concentrations. Moreover, NASA's alternative risk-based values do not adequately take into account ecological risk factors, which would result in lower cleanup concentrations for some constituents and likely drive additional cleanup.

In addition, NASA appears to have picked values that skew towards a less protective analysis. For example, the TPH concentration used in the evaluation (1,000 milligrams per kilogram, cited to the Los Angeles Regional Water Quality Control Board) represents one of the higher values applied by the Board. Similar criticisms are applicable to other alternative values. In summary, the Draft SEIS failure to account for such factors seriously limits the accuracy and utility of the Alternate B evaluation.

VIII. DISCUSSION OF LABORATORY SCREENING LIMITATIONS IS INCOMPLETE AND PREMATURE

The Draft SEIS claims that AOC-mandated LUT values for cleanup are lower than conventional laboratory screening capabilities, and that LUT values should be revised to more attainable levels. NEPA requires NASA to provide analysis and data for its blanket assertions in the Draft SEIS on this issue. However, NASA's discussion includes one short paragraph without sources or data. NASA does not propose reasonable approaches to addressing this issue, which can include conducting a new

Peter Zorba
January 8, 2020
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multi-lab survey to evaluate the current status of commercial laboratory capabilities and detection limits. Consequently, DTSC believes that NASA has failed to meet NEPA's minimum standards for presenting analysis and information that informs the public and decision-makers.

IX. HEALTH BASIS OF AOC LUT VALUES

The NASA Draft SEIS states that risk-based cleanups provide an equivalent level of protection as AOC cleanups to background. NEPA demands that NASA provide sufficient evidence and analysis to inform the public and decision-makers about issues relevant to the proposed project. This statement is irrelevant since the governing order, the AOC, has already set the cleanup standard at NASA's areas at SSFL. Moreover, NASA's brief discussion on this point (page 2-8) is very general and oversimplified and in DTSC's opinion leads to confusion regarding public protection.

X. CONCLUSION

In conclusion, DTSC requests that NASA move to revise the Draft SIES to address the range of issues discussed in this letter.

NASA must also be aware that DTSC is not open to considering NASA cleanup alternatives which are non-compliant with the AOC. DTSC is also will not renegotiate the binding AOC soil cleanup commitments to accommodate challenges NASA claims will be posed by the SSFL soil cleanup implementation. Any assumptions which are stated or implied in NASA's Draft SEIS document to this effect are erroneous.

If you have any questions regarding DTSC's comments, please contact me at grant.cope@dtsc.ca.gov or (916) 328-0845, or my DTSC Branch Chief in charge of the SSFL Cleanup, Steven Becker, at steven.becker@dtsc.ca.gov or (916) 255-3717.

Sincerely,



Grant Cope, Deputy Director
Site Mitigation and Restoration Program
Department of Toxic Substances Control

cc: (via email)

Peter Zorba
January 8, 2020
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Jared Blumenfeld, Secretary
California Environmental Protection Agency

Meredith Williams, Director
Department of Toxic Substances Control

Steven Becker
Department of Toxic Substances Control

Heather Baugh
Department of Toxic Substances Control

JULIA BROWNLEY
26TH DISTRICT, CALIFORNIA
MEMBER OF CONGRESS

COMMITTEE ON VETERANS' AFFAIRS
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SUBCOMMITTEE ON TECHNOLOGY
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November 21, 2019

The Honorable Jim Bridenstine
Administrator
National Aeronautics and Space Administration
300 E St SW Ste 5R30
Washington, DC 20546-0002

Dear Administrator Bridenstine:

I write to comment on the National Aeronautics and Space Administration (NASA) Draft Supplemental Environmental Impact Statement (EIS) for the clean-up of the Santa Susana Field Laboratory (SSFL). I respectfully request these comments be included in the record.

As you know, the SSFL is located along the Los Angeles/Ventura County border. Initially far from population centers, SSFL was the site of rocket engine testing and nuclear experimentation. It is undisputed that toxic chemicals were used, spilled, and negligently dumped at SSFL. Additionally, in the early 1950s, an uncontained sodium reactor at the SSFL experienced a partial nuclear meltdown.

Extensive site investigations of the NASA property indicate that chemicals from rocket testing and engine cleaning made their way into the surrounding soil, soil vapor, surface water, bedrock and groundwater. Some of the chemicals on NASA-administered property include solvents, petroleum products polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), dioxins, and metals.

Clean-up of the SSFL is of critical importance to me and my constituents. It is imperative that the federal government get this right so that we eliminate the potential significant health and safety risks for people who will continue to live nearby, and those who will be using the site in future years.

That is why it is vitally important for NASA, and the other responsible parties, to adhere to the Administrative Orders on Consent (AOCs) that were entered into with the State of California. I am deeply concerned that NASA does not intend to comply with the longstanding SSFL clean-up agreements. These agreements, which were supported by the state and the local community, were entered into in good faith and it is completely unacceptable for the federal government to refuse to comply with these clean-up agreements.

As NASA reviews public comments on the Draft Supplemental EIS, I urge you to ensure the clean-up moves forward in an expeditious manner and to ensure the AOC agreements are fully upheld. Thank you in advance for your attention to my request and for your commitment to a full clean-up of this site.

Sincerely,

A handwritten signature in black ink, appearing to read "Julia Brownley", with a stylized flourish at the end.

JULIA BROWNLEY
Member of Congress

From: MSFC-SSFL-EIS
To: [Zorba, Peter D. \(HQ-DA020\)](#); [Rau, Michelle/TPA](#); [McDonough, Christina/COS](#); [Manes, Lori \(MSFC-AS01\) \[NOREAS INC\]](#)
Subject: [EXTERNAL] FW: Letter from Congresswoman Brownley on SSFL Clean-up
Date: Friday, November 22, 2019 5:49:19 AM
Attachments: [2019.11.21 Brownley Comments NASA Draft Supplemental EIS.pdf](#)

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From: Wagener, Sharon <Sharon.Wagener@mail.house.gov>
Sent: Thursday, November 21, 2019 3:20 PM
To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>
Subject: [EXTERNAL] FW: Letter from Congresswoman Brownley on SSFL Clean-up

Mr. Zorba,
Hi, I wanted to be sure you also received a copy of Congresswoman Brownley's comments on the Draft SEIS.
Thanks, Sharon

From: Wagener, Sharon
Sent: Thursday, November 21, 2019 4:19 PM
To: 'ladonna.e.ghee@nasa.gov' <ladonna.e.ghee@nasa.gov>
Subject: Letter from Congresswoman Brownley on SSFL Clean-up

Ladonna,

Hi, attached is a letter from Congresswoman Brownley to Administrator Bridenstine regarding NASA's Draft Supplemental Environmental Impact Statement (SEIS) for clean-up of the Santa Susana Field Laboratory.

I appreciate your assistance in getting the letter to the Administrator.

Thanks, Sharon

Sharon M. Wagener

Legislative Director
Congresswoman Julia Brownley (CA-26)
2262 Rayburn House Office Building, Washington, DC 20515
(202) 225-5811

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CITY OF SIMI VALLEY

Home of The Ronald Reagan Presidential Library

January 8, 2020

Mr. Peter Zorba, SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304

Dr. Mr. Zorba,

Thank you for the opportunity to review and comment on National Aeronautics and Space Administration's (NASA) Draft Supplemental Environmental Impact Statement (SEIS) for Soil Cleanup Activities at Santa Susana Field Laboratory (SSFL).

The City of Simi Valley supports a cleanup of the SSFL site to protect the public health of the community and recognizes the progress already made at the site. However, the SSFL site is contaminated from the years when the site was a functioning facility. The longer the cleanup activities take, the longer that our residents may be exposed to that contamination, therefore, the delayed cleanup efforts are disheartening.

The health and safety of the City's residents are top priorities; therefore, the City of Simi Valley implores NASA to take immediate action to move forward with an expeditious, thorough cleanup that allows for future use of the site without risk.

Should you have any questions, please contact Samantha Argabrite, Deputy City Manager, at (805) 583-6707.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian P. Gabler".

Brian P. Gabler
Interim City Manager

cc: City Council
City Attorney
Gonsalves and Son
Senator Henry Stern
Assembly Member Christy Smith



MICHAEL N. FEUER
CITY ATTORNEY

January 7, 2020

Via Electronic Mail Only

Peter Zorba
SSFL Project Director
National Aeronautics and Space
Administration
E-Mail: msfc-ssfl-eis@mail.nasa.gov

Re: City of Los Angeles' Comments on Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory

Dear Mr. Zorba:

The City of Los Angeles appreciates the opportunity to review the National Aeronautics and Space Administration's (NASA) Draft Supplemental Environmental Impact Statement (Draft SEIS) for Soil Cleanup Activities at the Santa Susana Field Laboratory. These cleanup activities shall be referred to as the "Proposed Project" throughout this comment letter. The City respectfully submits these comments, including and incorporating the accompanying Technical Memorandum on Comments on NASA's Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities, dated January 6, 2020, from Formation Environmental LLC, on the Draft SEIS (Technical Memorandum), for NASA's review, consideration and response.

BACKGROUND

The City, on behalf of its residents, submits these comments based on its concerns regarding the inadequacy of the cleanup proposed to address radioactive and other contamination at the Santa Susana Field Laboratory (SSFL). The SSFL site is the location of significant environmental hazards and contamination, which were kept hidden from the public for decades. One of its nuclear reactors experienced a partial nuclear meltdown in 1959, causing releases of radioactivity into the air, and two other reactors experienced accidents with significant fuel damage. This, in addition to incineration of a wide array of radioactive and toxic chemical waste in open-air burn pits, dumping of trichloroethylene and perchlorate, and other contamination,

from more than 50 years of operations, left the site polluted with radioactive and chemical contaminants.

NASA administers two areas of the SSFL site, Area I and II. In 2010, NASA entered into an Administrative Order on Consent for Remedial Action (AOC) with the California Department of Toxic Substance Control (DTSC) that requires all of the detectible radioactive and chemical contamination at its SSFL operations be cleaned up to background levels similar to those before the site was contaminated. Specifically, the AOC requires,

[T]he cleanup of soils at the Site *shall result in the end state of the Site after cleanup being consistent with ‘background’* (i.e., at the completion of the cleanup, no contaminants shall remain in the soil above local background levels, with the exception of the exercise of the exemptions that are specifically expressed in the AIP). *All response actions taken pursuant to this Order shall be performed so as to achieve this standard*, in full compliance with the terms and conditions detailed in the AIP [Agreement in Principle], in accordance with workplans that have been submitted to and approved by DTSC

(AOC § 2.1 [emphasis added].) The AOC defines “soil” comprehensively as “saturated and unsaturated soil, sediment, and weathered bedrock, debris, structures, and other anthropogenic materials.” (AOC § 1.7.4.) The only items not included in the definition of “soil” under the AOC are “surface water, groundwater, air, or biota.” (AOC § 1.7.4.)

The AOC requires disposal of all soil contaminated with radioactive contaminants above background at a licensed low-level radioactive waste disposal facility or authorized licensed low-level radioactive waste disposal facility at a DOE site. (AOC § 2.10.1.) The AOC makes clear that “‘Cleanup to Background Levels’ means removal of soils,” or “in situ or other onsite treatment of soils that is able to achieve the cleanup standards as specified in the AIP¹” per DTSC determination. (AOC §§ 1.7.2.) Cleanup to Background Levels “does not include ‘leave in place’ alternatives” or burial or landfilling. (*Id.*) These commitments were important to the community, particularly the residents who live nearby and will be most directly affected by the clean-up.

Earlier this year, NASA indicated that it intended to move forward with its soil clean-up obligations without full compliance with the AOC’s requirement that soils be cleaned up to background levels. Despite the immediate objections of DTSC to this approach, the Draft SEIS continues to propose soil remediation activities that fail to comply with NASA’s obligations under the AOC. As discussed in more detail below, the City objects to the Proposed Project, to the extent it violates the AOC and is contrary to law. NASA is legally bound to comply with all components of the AOC, including the requirement to clean up to background.

¹ AIP refers to the Agreement in Principle, incorporated as Exhibit B to the AOC. (AOC § 1.6.)

PROCEDURAL CONCERNS

The Draft SEIS is approximately 225 pages long, accompanied by early 1000 pages of appendices. National Environmental Policy Act (NEPA) regulations, 40 C.F.R. § 1502.7, mandate that “The text of final environmental impact statements . . . shall normally be less than 150 pages and for proposals of unusual scope or complexity shall normally be less than 300 pages.” The Draft SEIS exceeds this standard, particularly given that it is purportedly intended to be a supplemental document and the original EIS needs to be revisited in order to understand the Draft SEIS. The short comment period (originally to December 9, 2019) was subsequently extended to an additional 30 days, but all falling within the November-January holiday season). This provides insufficient time to allow for adequate review. The proposed project is a component of one of the largest and most significant clean-up actions in the history of California. The issues involved are extremely complicated and NASA’s short comment period makes it extremely difficult for members of the public to comprehend and respond to this new NEPA document. The subject is of importance to every citizen of Los Angeles and the surrounding region, and the City urges NASA to provide adequate opportunity for the public to review and provide feedback on the proposed activities.

GENERAL COMMENTS

The current environmental review does not comply with the National Environmental Policy Act, 42 U.S.C. §§ 4321 et. seq. An EIS must identify and provide a full and fair discussion of all significant environmental impacts caused by the proposed action. 42 U.S.C. § 4332; 40 C.F.R. § 1502.1. An EIS shall not serve as a means of justifying decision-making or policy direction already made. 40 CFR § 1502.2(g). An EIS shall describe the environment of the area. 40 C.F.R. § 1502.15. It shall also describe all direct and indirect effects and their significance. 40 C.F.R. § 1502.16. An EIS shall identify the means to mitigate adverse environmental impacts. 40 C.F.R. § 1502.16(h). Agencies must ensure professional and scientific integrity in the discussions and analysis in an EIS. Any methodologies used shall be identified and explicit reference to the scientific and other sources relied upon for conclusions shall be made in the statement. 40 C.F.R. § 1502.24.

An agency must take a “hard look” at identifying and evaluating potential adverse environmental impacts. *Neighbors of Cuddy Mountain v. U.S. Forest Service*, 137 F.3d 1372, 1376 (9th Cir. 1998). An action will be set aside as arbitrary or capricious if the agency identified no “rational connection between the facts found and the choice made,” if the “explanation for its decision [ran] counter to the evidence before the agency, or is so implausible that it could not be ascribed to a difference in view or the product of agency expertise.” *Motor Vehicle Mfrs. Ass’n v. State Farm Mut. Auto. Ins. Co.*, 463 U.S. 29, 43 (1983).

Here, the Draft SEIS appears to be a post hoc attempt to justify NASA’s intention to ignore the AOC requirements, not a “hard look” analysis of the environmental impacts of the proposed soil remediation activities in light of new information on the volume and scope of the cleanup. In doing so, NASA is not only violating the AOC but also fails to fully disclose the

impacts of the proposed project. These deficiencies are fully discussed in the Technical Memorandum (attached as Exhibit A and incorporated fully here) and summarized briefly below.

NASA's disregard for its legal obligations under the AOC is exacerbated by its apparent lack of any coordination with DTSC concerning the decisions that will be made based on the findings in the final environmental document. The AOC requires that NASA make its specific decisions on how to conduct the cleanup to background in accordance with NEPA and in coordination with DTSC. (AOC §§ 4.2.1, 4.3.) The Draft SEIS, however, is silent concerning how NASA plans to meet this requirement. NASA must revise the SEIS to adequately inform the public and decision-makers about how it will coordinate with DTSC to complete this Proposed Project.

SPECIFIC COMMENTS

A. The Newly Added Alternatives Fail to Comply with the Cleanup Standards in the Administrative Order on Consent

NASA claims that new information regarding the volume and extent of soil contamination requiring removal under the original soil cleanup alternative (Alternative A - AOC Cleanup from 2014 EIS) requires re-examination of Alternative A and the addition of three new soil-cleanup alternatives (Alternatives B, C, and D). None of the three new alternatives will comply with the requirements of the AOC, thus, their inclusion violates NEPA.

The alternatives analysis is the "heart" of the EIS process. 40 C.F.R. § 1502.4. NEPA requires an EIS consider reasonable alternatives to the proposed project. 42 U.S.C. § 4332(2)(C)(iii). Reasonable alternatives are limited to those alternatives that are "practical and feasible" from a legal, technical, economic and common sense standpoint. 40 C.F.R. § 1502.4. They should not be mere conjectural possibilities that cannot be implemented nor an option simply desirable from the applicant's standpoint. Here, the only new alternatives NASA included in the Draft SEIS are three alternatives that fail to satisfy the clean-up obligations imposed on the agency under the AOC. To the extent NASA included these alternatives because it would like to avoid its AOC obligations, such desires do not make these alternatives reasonable or overcome the legal bar to their implementation. Alternatives B, C, and D are not reasonable alternatives as a matter of law, thus, NASA has failed to comply with the requirements of NEPA.

Moreover, the Draft SEIS fails to even acknowledge the fact that none of the alternatives except Alternative A meet the AOC-mandated cleanup standards, misleading the public about the validity and feasibility of these alternatives. The AOC outlines specific conditions that must be met in order to permit a deviation from the requirement to cleanup soil to background concentrations. The SEIS must state how and why these requirements will be met for any alternatives considered that do not result in cleanup to background concentrations, including a description of the processes and approvals needed prior to implementation. By leaving out this critical information, the Draft SEIS fails to adequately disclose the infeasible and unreasonable nature of these proposed alternatives.

By including only new alternatives that ignore the AOC, NASA has further violated NEPA by failing to evaluate a reasonable range of alternatives. Indeed, NASA has failed to evaluate any other alternatives that comply with the AOC. See 40 CFR § 1502.14(a); *Friends of Yosemite Valley v. Kempthorne*, 520 F.3d I 024, 1038 (9th Cir. 2008) (“The existence of a viable but unexamined alternative renders an environmental impact statement inadequate.”) Accordingly, the SEIS is fatally deficient and must be revised to include all reasonable alternatives that satisfy the requirements of the AOC.

B. The Draft SEIS’s Overestimated Soil Volumes Lack Evidentiary Support and Appear to be Manipulated to Avoid AOC Compliance

As noted, NASA asserts the need to prepare the Draft SEIS is based on “significant new information” with respect to the soil volume requiring cleanup. However, this purported new information regarding the scope and volume of the contaminated soil appears to be purposefully overestimated, without sufficient evidentiary support, warranting cleaning up the site to levels less than what is required under the AOC.

The Draft SEIS’s estimated cleanup volume for Alternative A is 870,000 cubic yards, an increase of 60% from an earlier estimate of 550,000 cubic yards in the 2014 Final EIS. However, the Draft SEIS fails to provide sufficient technical support for this estimate, claiming only that it is a conservative approach. (See, e.g., Draft SEIS at 2-12.) Rather, the Alternative A volume estimate merely assumes that soil will be removed to the depth of underlying bedrock or to a depth of 20 feet below ground surface. No site-specific data has been presented in the Draft SEIS to support the assumption that soil contamination extends to those depths across the entire 220 acres targeted for soil excavation. A more rigorous analysis of excavation volumes, and/or a discussion of uncertainties in the volume estimates is required; without adequate evidentiary support for using this overestimate and assessment of the inherent uncertainties in relying on it, the Draft SEIS fundamentally misleads the public and decision-makers as to the footprint area and volume of soil that will ultimately be targeted for excavation.

This fundamental flaw is not only a disclosure issue, but it also undermines the entire alternatives analysis. Although the soil estimates used for Alternatives B, C and D are similarly vague as to evidentiary support, the result of overstating the soil cleanup volume for Alternative A exaggerates the cleanup needs and costs for complying with the AOC cleanup to background requirements. Once again, NASA has impermissibly manipulated the Draft SEIS to justify its decision to ignore the legal mandates of the AOC.

C. The Draft SEIS Fails to Adequately Analyze Treatment Options for All Alternatives

The Draft SEIS' analysis of treatment of specific chemicals under Alternative A as compared to the non-AOC compliant alternatives also demonstrates improper manipulation to create an unsupported justification for ignoring the AOC cleanup standards.

For example, the Draft SEIS fails to identify whether any specific candidate chemicals could be effectively treated or distinct areas, per DTSC and AOC standards, where a viable treatment technology and/or in situ bioremediation could be relied on to address soil contamination instead of soil excavation and replacement. If the volumes of soil that could be effectively treated are significant compared to the estimate of soil volume to be removed from the SSFL site (870,000 yards), then many of the impacts associated with Alternative A may be overstated. For example, TPH is readily treated by monitored natural attenuation, and volatile organic compounds are usually remediated by soil vapor extraction. NASA must conduct additional soil treatability studies so that the Draft SEIS accurately reflects the reasonable range of cleanup options for Alternative A. This would also help address concerns of excessive trucking activities during cleanup consistently expressed, and ignored, by neighbors to the SSFL site located in the City of Los Angeles.

Similarly, the Draft SEIS's discussion of Alternative A mentions the potential for radiological contamination of soil in the NASA cleanup areas, but fails to discuss that same possibility for the non-AOC compliant alternatives. Under the AOC, if radioactive contaminants are present in soil above the provisional radiological Look-Up Tables (LUT) levels, NASA is required to cleanup that soil, regardless of the source of that contamination. This requirement needs to be imposed on all alternatives, not just Alternative A, to provide an accurate comparison of the impacts and benefits of each option.

D. The Draft SEIS's Analysis of the Newly Added Alternatives Fail to Use the Proper Cleanup Standards and Lack Technical Support

Even if it was proper to include alternatives that would not satisfy the AOC standards (which it is not), the analysis of Alternatives B, C and D are further deficient because the Draft SEIS does not use clean-up standards adopted by DTSC for the SSFL site.

The descriptions of Alternatives B, C, and D are misleading because they refer to soil screening levels as accepted standards for soil cleanup at the project site, without any technical explanation or support for their selection. For example, screening levels identified as "Revised LUT levels" in Alternative B (i.e., EPA Regional Screening Levels, California EPA Human Health Screening Levels) and screening levels identified as "cleanup levels for soil at SSFL" in Alternatives C and D (i.e., site-specific screening levels from the 2014 Standardized Risk Assessment Methodology Rev. 2 Addendum) have not been approved by DTSC as soil cleanup standards for any areas at the SSFL site. Indeed, as provided in the DTSC and EPA guidance cited in the SEIS, these screening levels were not intended for adoption as soil-cleanup standards

without further site-specific risk analysis. Yet, the Draft SEIS does not disclose this critical information to the public and decision-makers nor does it provide any justification for the use of these screening levels. The SEIS simply refers to them with as cleanup levels, without evidentiary support for using them, ignoring all applicable guidance. This is misleading and violates the public disclosure mandates of NEPA.

The Draft SEIS further fails to provide any sufficient technical rationale for the selection of seven soil contaminants that have revised LUT levels for Alternative B except to say that these are “the seven contaminants that result in the greatest disproportionate level of cleanup” between the AOC (i.e., LUT) and alternative cleanup levels. Under the AOC, NASA does not have the option to modify the LUT levels in order to reduce the level of effort associated with soil cleanup. If revision of the LUT level for any soil contaminant is necessary for successful implementation of soil cleanup in accordance with the AOC, that must be demonstrated through objective technical arguments. The Draft SEIS fails in this regard.

These same deficiencies are found in the Draft SEIS’s analysis of Alternatives C and D. Further, the Draft SEIS states that each of the remedial alternatives provides equally beneficial protection of human health. However, for carcinogenic compounds, risk is generally understood to be proportional to concentration and exposure, so this statement is inaccurate. An assessment of the relative protection of human health should be provided for each alternative to adequately disclose the potential health impacts.

In closing, the City appreciates the opportunity to comment on the SEIS. The SEIS, however, does not adequately disclose and analyze the impacts of the cleanup and closure activities proposed, fails to enforce the applicable AOC cleanup standards and procedures, and fundamentally undermines longstanding NASA commitments for a full cleanup of SSFL. The public that resides in the area surrounding the site is entitled to the full and transparent disclosure of all activities and their impacts, and the assurance from NASA that all significant health risks will be identified and addressed. The SEIS does not meet these standards under NEPA and the AOC, and the City respectfully requests the SEIS be revised to address the City’s comments and to ensure compliance with the AOC and federal law, and a new SEIS be recirculated for public review. If you should have any comments about anything in this letter, please contact me at 213-978-8205.

Sincerely,



Robert M. Mahlowitz
Deputy City Attorney
Los Angeles City Attorney’s Office

Enclosures
RMM:lc

EXHIBIT “A”

TECHNICAL MEMORANDUM

COMMENTS ON NASA'S DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR SOIL CLEANUP ACTIVITIES

PREPARED FOR: City of Los Angeles at request of Attorneys Greg Newmark and Shaye Diveley - Meyers Nave

PREPARED BY: Kathy Tegtmeyer, PhD and Mike Tietze, PG, CEG, CHG - Formation Environmental, LLC

Craig Little, PhD - Two Lines, Inc.

DATE: January 6, 2020

Formation Environmental has reviewed the subject document for compliance with National Environmental Policy Act (NEPA) standards and consistency with NASA's soil-cleanup commitments for the Santa Susana Field Laboratory site. As noted by NASA, the Draft Supplemental Environmental Impact Statement (SEIS) was prepared to consider new information and a significant change in circumstances since the original EIS was finalized in 2014. Since 2014, the extent of soil contamination and future land use have been better defined. In light of that new information, NASA has updated and re-evaluated Alternative A (the "AOC Cleanup Alternative"), which was previously evaluated in NASA's 2014 Final EIS, and also included three new alternatives (Alternatives B, C, and D) for a comparative evaluation of environmental impacts.

Overall, we find that the Draft SEIS does not fulfill the NEPA requirement to evaluate a range of reasonable alternatives because only one of the alternatives evaluated can be implemented in accordance with the 2010 Administrative Order on Consent (AOC). NASA is bound to comply with the soil-cleanup requirements included in the 2010 AOC, which include cleanup of contaminated soil to achieve the background conditions defined by the State of California's Department of Toxic Substances Control (DTSC). Each of the three new alternatives, Alternatives B, C, and D, includes soil cleanup criteria that are less stringent than DTSC's Look-up Table (LUT) values, as presented in the 2017 Draft Program Environmental Impact Report (PEIR), Appendix B-4. As such, Alternative A is the only alternative evaluated in the Draft SEIS that meets the requirements of the 2010 AOC. Given the soil-cleanup requirements of the AOC, it is not reasonable to assume that Alternatives B, C, or D can be implemented.

Additionally, agencies are required to prepare an EIS document that will promote meaningful public review and participation. When three of the four alternatives evaluated cannot be implemented in accordance with existing site-specific cleanup agreements, the public input on those alternatives is not meaningful.

If Alternatives B, C, and D warrant further consideration, then the Draft SEIS must provide accurate context for their evaluation. The 2010 AOC outlines specific conditions that must be met in order to permit a deviation from NASA's requirement to cleanup soil to background concentrations. The Draft SEIS does not address how these conditions will be met for the three alternatives that do not cleanup soil to background concentrations. Further, the Draft SEIS does not fully disclose or explain the legal and regulatory processes and decisions that need to take place before Alternatives B, C, and D could be selected for implementation.

In addition to these general observations, we have the following additional comments that are organized by topic, as indicated in the headings below.

1. ALTERNATIVES B, C, AND D SOIL-CLEANUP CRITERIA

The descriptions of Alternatives B, C, and D are misleading because they refer to soil screening levels as accepted standards for soil cleanup at SSFL.

1. The screening levels identified as "Revised LUT levels" in Alternative B (i.e., EPA Regional Screening Levels, California EPA Human Health Screening Levels) and screening levels identified as "cleanup levels for soil at SSFL" in Alternatives C and D (i.e., site-specific screening levels from the 2014 Standardized Risk Assessment Methodology Rev. 2 Addendum) have not been approved by DTSC as soil cleanup standards for any areas at the SSFL site. This should be clearly stated in the SEIS.
2. The SEIS description of Alternative B does not provide sufficient technical rationale for the selection of seven soil contaminants that have revised LUT levels except to say that these are "the seven contaminants that result in the greatest disproportionate level of cleanup" between the AOC (i.e., LUT) and alternative cleanup levels. Given the commitments made in 2010 AOC, NASA does not have the option to modify the LUT levels in order to reduce the level of effort associated with soil cleanup. If revision of the LUT level for any soil contaminant is necessary for successful implementation of soil cleanup in accordance with the AOC, that must be demonstrated through objective technical arguments.
3. Each set of screening levels referred to in these alternatives was originally developed to support further site-specific risk assessment, and ultimately the selection of appropriate, final, risk-based cleanup levels. They were not intended for adoption as soil-cleanup standards without further site-specific conceptual model development and risk analysis. The purpose, application, and limitations of the proposed screening levels should be described consistent with the source documents that are cited in the Draft SEIS.
 - a. The alternative cleanup level for total petroleum hydrocarbons (TPH) under Alternative B is one of several screening levels utilized by the Los Angeles Regional Water Quality Control Board. The application of this screening level depends on a site's soil type, depth to groundwater, and the nature of the TPH in question. Additional justification for the use of this screening level is required.

- b. The alternative cleanup level for acetone (6.1 percent by weight) is based on protection of human health and does not consider protection of groundwater resources or burrowing animals, or potential nuisance effects. The selection of this standard should be supported by a more thorough analysis that considers potential adverse impacts via these pathways.
 - c. The alternative cleanup standard for dioxin should reference and be based upon applicable guidance from the DTSC, which is DTSC HERO Note 2 - Soil Remedial Goals for Dioxins and Dioxin-like Compounds, dated April 2017. If a different standard is proposed, its use should be justified through detailed risk analysis and approved by DTSC before assuming it can be implemented.
 - d. The Draft SEIS should consider all applicable guidance, including the DTSC's Human and Ecological Risk Office (HERO) guidance including, but not necessarily limited to, Note 3. DTSC-modified Screening Levels, dated April 2019.
4. The SEIS states that each of the soil-cleanup alternatives provides equally beneficial protection of human health. We note that for carcinogenic compounds, risk is generally understood to be proportional to concentration and exposure, so this statement is inaccurate. An assessment of the relative protection of human health provided by the various alternatives should be provided.

2. UPDATED ESTIMATE OF NASA SOIL-CLEANUP AREAS AND VOLUMES

The Alternative A soil-cleanup volume of 870,000 yd³ (increased from an earlier estimate of 550,000 yd³ included in the 2014 Final EIS) remains highly uncertain at this time, and the Draft SEIS does not provide adequate technical detail to understand the basis for this estimate. The soil cleanup volumes for Alternatives B, C, and D are similarly uncertain and poorly supported within the Draft SEIS. The Draft SEIS needs to clearly identify such uncertainties to allow for meaningful public review and participation in the NEPA process.

In addition, certain assumptions developed by NASA to compute the new cleanup volume may result in an overestimate of the volume of soil that is reasonably expected to be targeted for removal and offsite disposal and overstatement of the negative impacts associated with Alternative A - AOC Cleanup. For example:

1. The Alternative A volume estimate assumes that soil will be removed to the depth of underlying bedrock or to a depth of 20 feet below ground surface. No site-specific data have been presented in the Draft SEIS to support the assumption that soil contamination extends to those depths across the entire 220 acres targeted for soil excavation and removal. A more rigorous analysis of excavation volumes, and a discussion of uncertainties in the volume estimates, should be provided.
2. Biological-resource and cultural-resource "exception" areas that may be identified by DTSC within the NASA cleanup areas delineated in the Draft SEIS have not been considered. One or more of the possible exception areas identified by DTSC in their 2017 Draft Program Environmental Impact Report (PEIR) may be excluded from the soil cleanup requirements of the

2010 AOC, and as such, the area (and associated soil volume and severity of impacts) of soil cleanup may be less than the Alternative A estimate included in the Draft SEIS.

3. As discussed below, the likely outcome that some areas can be remediated by *in-situ* treatment and/or Monitored Natural Attenuation is not considered.

The possibility of the outcomes listed above should be considered in a more complete discussion of uncertainties associated with the Alternative A impact analysis.

3. SOIL TREATMENT ALTERNATIVES

Sufficient information is available to identify the specific contaminants and general areas of contaminated soil that could be targeted for treatment by one or more of the viable soil-treatment technologies identified in Section 2.1.1 and in Table 2.1-1 of the SEIS. However, the Draft SEIS does not identify specific candidate chemicals that could be effectively treated or distinct areas where a viable treatment technology could be relied on to address soil contamination in place of soil removal and replacement. As such, the Draft SEIS has not adequately evaluated the range of feasible alternatives.

1. If the volumes of soil that could be effectively treated are significant compared to the estimate of soil volume to be removed from the SSFL site (870,000 yd³), then many of the impacts associated with Alternative A may be overstated. For example, TPH is readily treated by monitored natural attenuation and/or *in situ* bioremediation, and volatile organic compounds are usually treated by soil vapor extraction.
2. Additional soil-treatability studies should be completed, areas targeted for soil treatment should be identified, and the reasonable range of soil-treatment outcomes should be assessed so that alternatives that include soil treatment can be identified and rigorously compared in a meaningful way.

4. RADIOLOGICAL CONTAMINATION OF SOIL

Per the 2010 AOC, NASA is responsible for cleanup of soil having radiological contamination above background levels, regardless of the source of that contamination. If radioactive contaminants are present in soil above the provisional radiological LUT levels, NASA is required to address those conditions, and the provisional radiological LUT levels are the required cleanup criteria.

The Draft SEIS discussion of Alternative A mentions the potential for radiological contamination of soil in the NASA cleanup areas, but there is no similar discussion of potential radiological contamination in the other Alternatives. Further, the Draft Provisional Radiological LUT Values (from Appendix B of DTSC's 2017 Draft PEIR) have not been referred to in the Draft SEIS, and they are not included with tables of other soil-cleanup criteria presented in Appendix 2. This oversight needs to be corrected.

5. SELECTION OF A SOIL CLEANUP ALTERNATIVE

The Draft SEIS does not explain how NASA will consult and coordinate with the California DTSC to make decisions based on the findings presented in their Final and Supplemental EIS documents. The 2010 AOC specifies:

“NASA shall make its specific decisions on how to conduct the cleanup to background defined in this Agreement in accordance with the requirements of the National Environmental Policy Act of 1969 (NEPA), as amended (42 U.S.C. 4321 et seq.)”

—Section 4.2.1, page 17

“DTSC and NASA shall work to coordinate the CEQA and NEPA processes.”

— Section 4.3, page 17

1. The SEIS should explain how NASA plans to issue a soil-cleanup Record of Decision while also meeting the requirements of the 2010 AOC for coordination with DTSC. For example, the 2010 AOC's Agreement in Principle states “The remedial action implementation work plan will be subject to DTSC review and approval.” How will a conflict between NASA's ROD and DTSC's decisions under CEQA be resolved?
2. The NASA EIS closely mirrors DOE's FEIS in that the same alternatives were considered/selected and neither agree with the cleanup to background directive of the AOC.

6. WILDFIRE EFFECTS

In the event of future wildfires, the soil cleanup alternatives that do not reduce the concentrations of chemicals of concern to background concentrations may negatively impact human health and the environment through dispersal of contaminants that remain in soil. Additional discussion of the potential for wildfire dispersion of the chemicals of concern should be included in the impact analyses for Alternatives B, C, and D.

7. SOURCE OF DIOXINS

The Draft SEIS suggests that the detection of dioxins is associated with the combustion of chlorine-containing compounds during recent wildfires and states that dioxins “are not associated with previous or current SSFL activities.” A substantiation for this statement, based on the types of dioxins (congeners) detected, is not provided. In addition, the statement wrongly suggests that if chlorinated compounds released by NASA were burned, leading to the generation of dioxins, NASA would not be responsible for their cleanup. This language should be corrected.



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January 2, 2020

Mr. Peter Zorba
National Aeronautics and Space Administration
SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304

COUNTY OF LOS ANGELES' COMMENTS ON THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION'S DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR SOIL CLEANUP ACTIVITIES AT SANTA SUSANA FIELD LABORATORY, VENTURA COUNTY, CALIFORNIA

Dear Mr. Zorba:

We are writing to urge the National Aeronautics and Space Administration (NASA) to advance the soil cleanup activities at Santa Susana Field Laboratory (SSFL) in Ventura County, California, as proposed in Alternative A of the Draft Supplemental Environmental Impact Statement (SEIS).

Although the SSFL has been inactive for several years, various serious incidents have left radioactive and chemical contaminants in the soil, in airborne dust particulates, and in stormwater runoff. These contaminants have affected the air, soil, and water in nearby Los Angeles County communities and have posed a serious health risk to constituents for decades. These health risks will continue if a full clean-up of the site is not achieved in a timely manner.

In the Draft SEIS, NASA has developed risk-based methodologies for cleanup involving several additional alternative methods that would leave a majority of the contamination in place. Only the original Alternative A provides for the full cleanup and is consistent with the legally binding Administrative Order on Consent (AOC) for Remedial Action negotiated and executed by the California Department of Toxic Substances Control (DTSC), the State's regulating entity, and NASA in 2010. The AOC clearly defines NASA's obligation to clean up soils at SSFL to background levels, or reporting limits if no background value exists, on a point-by-point basis. We are fully committed to holding NASA accountable to their commitment to DTSC for a full cleanup at this site.

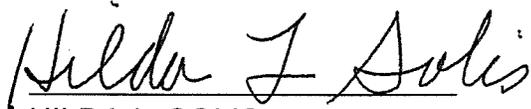
Mr. Peter Zorba
January 2, 2020
Page 2

Thank you for your consideration of this important matter.

Sincerely,



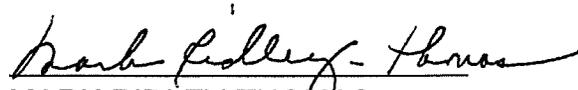
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Chair of the Board
Supervisor, Fifth District



HILDA L. SOLIS
Supervisor, First District



SHEILA KUEHL
Supervisor, Third District



MARK RIDLEY-THOMAS
Supervisor, Second District



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**BOARD OF SUPERVISORS
COUNTY OF VENTURA**

GOVERNMENT CENTER, HALL OF ADMINISTRATION
800 SOUTH VICTORIA AVENUE, VENTURA, CALIFORNIA 93009

December 17, 2019

Mr. Peter Zorba, SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304

Subject: County of Ventura Board of Supervisors Comments on National Aeronautics and Space Administration's (NASA) Draft Supplemental Environmental Impact Statement (SEIS) for Soil Cleanup Activities at Santa Susana Field Laboratory (SSFL) in Ventura County.

Dear Mr. Peter Zorba:

Thank you for the opportunity to review and comment on the subject document. It has been a longstanding position of the County of Ventura to seek that NASA, as an owner of land at SSFL, clean up contamination to the most protective standards, equivalent to background and consistent with NASA's agreed upon 2010 Administrative Order on Consent (AOC). Alternative A in the Draft SEIS is the only alternative that cleans the site to AOC requirements and as such is aligned with Ventura County's position to be protective of the public's health, our first priority.

NASA's November 20, 2019 hearing portrayed the draft SEIS alternatives as having "no discernable differences to health and safety" even though risks would persist if alternatives other than Alternative A were selected. This is because the contamination that would be left on site by the other alternatives would continue to threaten the health and safety of people onsite and offsite during wind, rain, fire and other events. Recently SSFL had 57 violations of pollution standards from stormwater released offsite after the 2018 Woolsey Fire.

The types of contaminants found at SSFL have been linked to an increased risk of disease including cancer, thyroid disorders, lymphoma, and leukemia. Draft SEIS maps show that alternatives other than Alternative A would leave large areas of NASA's SSFL property contaminated. Entertaining any alternative other than Alternative A would break the legally binding terms of the AOC.

Furthermore, the current land use of the NASA property is open space. Section 8104-1.1 Open Space of the Ventura County Non-Coastal Zone Ordinance outlines the purpose and land uses of the Open Space Zone. NASA and Boeing incorrectly conclude that the future land use would be limited to recreational (DEIS, 2019, Executive Summary page 5, and Boeing, 2017a). The Open Space Zone in Ventura County allows for more than recreation, it also allows among other uses, agriculture and housing. Clearly, leaving contaminated soils with the potential for agriculture and housing would pose future health risks.

It is of the utmost importance that the SSFL property be fully cleaned up to protect public health and safety. The Ventura County Board of Supervisors strongly recommends Alternative A ("AOC Cleanup") and opposes other alternatives that leave contaminants on site that are not consistent with levels stipulated in the AOC.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Bennett". The signature is fluid and cursive, written in a professional style.

Steve Bennett, Chair
Ventura County Board of Supervisors



**BOARD OF SUPERVISORS
COUNTY OF VENTURA**

625 WEST HILLCREST DRIVE, THOUSAND OAKS, CA 91360

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LINDA PARKS
SUPERVISOR, SECOND DISTRICT
(805) 214-2510
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December 17, 2019

Board of Supervisors
County of Ventura
800 South Victoria Avenue
Ventura, California 93009

SUBJECT: Recommendation of Supervisor Parks to Request the Board of Supervisors Submit a Comment Letter to National Aeronautics and Space Administration (NASA) Draft Supplemental Environmental Impact Statement (SEIS) for Soil Cleanup Activities at Santa Susana Field Laboratory (SSFL) in Ventura County.

RECOMMENDATION:

It is recommended that the Board of Supervisors submit a comment letter on NASA Draft SEIS for soil cleanup at SSFL reaffirming its position for full cleanup to background levels.

DISCUSSION:

The SSFL site, located at the eastern edge of Ventura County, is highly contaminated from activities related to large rocket engine testing, burning of toxic wastes in sodium burn pits, nuclear research, and a 1959 partial core meltdown of a small nuclear reactor on site. Toxic chemicals, Trichloroethylene (TCE), perchlorate, dioxins, radionuclides, mercury, lead, cadmium, asbestos, and other hazardous wastes have been found in soils, groundwater, and/or surface waters of the SSFL. These types of contaminants have been linked to increased risk of disease including cancer, thyroid disorders, lymphoma, and leukemia. According to the California Department of Toxic Substances Control (DTSC), potential exposure to toxic contaminants can occur from direct contact with soils, sediments, weathered bedrock, surface water, air, and groundwater at SSFL.

The 2,850-acre SSFL site has been divided into four (4) areas for purposes of regulatory clean-up efforts and each area has been found to have contaminants in the soil, groundwater, and/or surface water. The contaminants found at the SSFL site pose a threat to human health and safety. These threats are well documented.¹ Additionally, the 2018 Woolsey Fire that

¹ State of California, Environmental Protection Agency, DTSC August 2007 Consent Order for Corrective Action (P3-07/08-003); Order to Perform Interim/Source Removal Action (ISRA) of Soil from the Los Angeles Regional Water Quality Control Board (RWQCB), December 3, 2008; Cohen, Y., et. al., 2006, "The Potential for Offsite Exposures Associated with Santa Susana Field Laboratory, Ventura County, California"; Morgenstern, H., J. Beebe-Dimmer, and S. Yu, 2007, "Cancer Incidence in the Community Surrounding the Rocketdyne Facility in Southern California."

originated at the SSFL site posed additional threats to health and safety related to smoke, ash and stormwater runoff.

The Ventura County Board of Supervisors represents constituents in the vicinity of SSFL and oversees land use, and public health and safety aspects over portions of SSFL. In response to the Notice of Availability of NASA's Draft SEIS (84 FR 57,490, 10/25/2019) for its soil cleanup activities on SSFL, it is timely for our Board to provide comments pursuant to NEPA (National Environmental Policy Act).

It has been a longstanding position of the County of Ventura to seek that NASA, as an owner of land at SSFL, clean up the site they own to the most protective standards, equivalent to background. As the Draft SEIS stands, Alternative A is the only alternative that aligns with the County's position. Furthermore, NASA entered into a legally binding Administrative Order on Consent (AOC) and has a legal obligation to implement Alternative A.

In early November 2019, NBC4 news reported that toxic runoff from SSFL exceeded safety standards. Test results show that the Woolsey Fire and the heavy rains that followed, allegedly spilled dangerous water, contaminated with toxic waste, into nearby neighborhoods. The Los Angeles Regional Water Quality Control Board has been monitoring runoff. Records showed that 57 times in the three months after the Woolsey Fire, chemicals and radioactive contamination spilled from SSFL at levels exceeding safety standards set by the State. These included dioxins, cyanide, arsenic, lead, and gross alpha radioactivity. According to NBC4, one day in December 2018, traces of lead were found to be 17 times the state safety limit in water leaving the site and entering Bell Canyon. Another record showed lead 10 times the legal limit leaving the site entering into Dayton Canyon. Lead and radiation have no known safe levels of exposure, underscoring why SSFL must be fully cleaned up as promised because until the contamination is fully cleaned up at its source, the public will remain at risk of exposure via offsite migration especially during wind, rain, and fire events.

NASA's November 20, 2019 hearing on its Draft SEIS portrayed the draft SEIS alternatives as having "no discernable differences to health and safety." Yet despite this claim, health risks would persist in alternatives other than Alternative A because of the amount of contamination the other alternatives would leave on site. The attached maps from the Draft SEIS show the areas where contamination would be removed, with Alternative A (labeled "AOC Cleanup") removing contaminants from a significantly larger area than the other alternatives, including Alternative D "Recreational Cleanup."

Furthermore, the current zoning for the four NASA SSFL sites is open space. Section 8104-1.1 Open Space in the Ventura County Non-Coastal Zone Ordinance outlines the purpose and uses of the Open Space Zone, which allows for, among other uses, agriculture and housing. Clearly, leaving contaminated soils with the potential for future housing and agricultural uses, poses health risks. Boeing and NASA incorrectly conclude that the future land use for SSFL is limited to recreation (DEIS, 2019, Executive Summary page 5, and Boeing, 2017a).

Board of Supervisors
December 17, 2019
Page 3

It is recommended that the County Board of Supervisors send the attached comment letter expressing our long-held position for full cleanup of SSFL to levels equivalent to background, support for Alternative A ("AOC Cleanup") in the Draft SEIS, and opposition to the other alternatives that leave the site contaminated.

This letter has been reviewed by County Counsel, the Resource Management Agency, and the County Executive Office.

Sincerely,

A handwritten signature in cursive script that reads "Linda Parks".

Linda Parks
Supervisor, District 2

Exhibit 1: Letter to National Aeronautics and Space Administration

Exhibit 2: Draft SEIS Maps, Alternatives A to D



CALIFORNIA, 30TH DISTRICT

CONGRESSMAN BRAD SHERMAN

November 19, 2019

The Honorable James F. Bridenstine
Administrator
National Aeronautics and Space Administration
300 E. St. SW
Washington, D.C. 20546

Dear Administrator Bridenstine:

Last month, NASA released its Draft Supplemental Environmental Impact Statement (EIS) for the Santa Susana Field Lab (SSFL) cleanup. NASA, along with the Department of Energy (DOE) and the Boeing Company, has not only a shared responsibility to fully clean up the site, but also to ensure full mitigation of and protection from any potential exposure to toxic substances.

In your September correspondence to me, NASA acknowledged its obligation to fully uphold the 2010 Administrative Orders on Consent (AOC) and the 2007 Consent Order for Corrective Action (CO). However, the Draft Supplemental EIS for the SSFL has raised legitimate concerns among community members regarding the Administration's commitment to achieving a cleanup that is fully protective of public health and the environment.

The Woolsey Fire started on the property of the Santa Susana Field Lab (SSFL), burning 96,949 acres and destroying more than 1,000 homes. Along with the direct impacts, the release of smoke and subsequent stormwater runoff, are reminders of the potential for off-site migration of contaminants left on-site. While the California Department of Toxic Substances Control (DTSC) reported that they found, "no radiation levels above background levels, and no elevated levels of hazardous compounds other than those normally present after a wildfire," increased levels of lead, dioxin, cyanide, and alpha radiation were found in subsequent stormwater runoff.¹

I have fought for the highest possible funding of NASA's Environmental Compliance and Restoration (ECR) Program, in order to fund a full cleanup of the Santa Susana site, and I urge NASA to renew its publicly stated commitment to a full cleanup and to take further steps to ensure that the community is fully protected from future runoff, wildfire, or other disasters that

¹ See NBC 4 News, "Toxic Runoff from Santa Susana Exceeded Safety Standards", Nov. 8, 2019, <https://www.nbctv.com/news/local/Toxic-Runoff-from-Santa-Susana-Exceeded-Safety-Standard-Los-Angeles-564700332.html>

have the potential to increase exposure to toxic substances which can cause cancer and other harmful health impacts.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brad Sherman", with a long horizontal flourish extending to the right.

BRAD SHERMAN
Member of Congress

SANTA YNEZ BAND OF CHUMASH INDIANS

P.O. BOX 517 · SANTA YNEZ · CA · 93460

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November 27, 2019

Mr. Peter Zorba
SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304
Msfcs-sfl-eis@mail.nasa.gov

RE: COMMENTS TO:

Supplemental Environmental Impact Statement ("SEIS") for Soil Cleanup Activities at Santa Susana Field Laboratory, October 25, 2019
Notice of Availability, 84 Fed. Reg. 57490 (Oct. 25, 2019)
Comment Period: 45 days

Dear Mr. Zorba:

The Santa Ynez Band of Chumash Indians ("Tribe" or "Chumash") has made a preliminary review of the above-mentioned SEIS and make the following comments based on the attached excerpts with page numbers included for your convenience.

OVERVIEW

1. THE TRIBE REQUEST A SIXTY (60) DAY EXENTION OF THE COMMENT DEADLINE TO COMPLETE OUR REVIEW OF THE OVER 200 PAGE DOCUMENT
2. THERE IS NO ANALYSIS OF WHETHER SEIS IS APPROPRIATE OR WHETHER A NEW EIS IS REQUIRED

23 CFR § 771.130 Supplemental environmental impact statements.

- (a) A draft EIS, final EIS, or supplemental EIS may be supplemented at any time. An EIS must be supplemented whenever the Administration determines that:
- (1) Changes to the proposed action would result in significant environmental impacts that were not evaluated in the EIS; or
 - (2) New information or circumstances relevant to environmental concerns and bearing on the proposed action or its impacts would result in significant environmental impacts not evaluated in the EIS.
- (b) However, a supplemental EIS will not be necessary where:
- (1) The changes to the proposed action, new information, or new circumstances result in a lessening of adverse environmental impacts evaluated in the EIS without causing other environmental impacts that are significant and were not evaluated in the EIS; or
 - (2) The Administration decides to approve an alternative fully evaluated in an approved final EIS but not identified as the preferred alternative. In such a case, a revised ROD must be prepared and circulated in accordance with § 771.127(b).
- (c) Where the Administration is uncertain of the significance of the new impacts, the applicant will develop appropriate environmental studies or, if the Administration deems appropriate, an EA to assess the impacts

of the changes, new information, or new circumstances. If, based upon the studies, the Administration determines that a supplemental EIS is not necessary, the Administration must so indicate in the project file.

(d) A supplement is to be developed using the same process and format (*i.e.*, draft EIS, final EIS, and ROD) as an original EIS, except that scoping is not required.

(e) In some cases, an EA or supplemental EIS may be required to address issues of limited scope, such as the extent of proposed mitigation or the evaluation of location or design variations for a limited portion of the overall project. Where this is the case, the preparation of a supplemental document must not necessarily:

(1) Prevent the granting of new approvals;

(2) Require the withdrawal of previous approvals; or

(3) Require the suspension of project activities, for any activity not directly affected by the supplement.

If the changes in question are of such magnitude to require a reassessment of the entire action, or more than a limited portion of the overall action, the Administration must suspend any activities that would have an adverse environmental impact or limit the choice of reasonable alternatives, until the supplemental document is completed.

CEQ, Forty Most Asked Questions Concerning CEQ's National Environmental Policy Act Regulations

46 Fed. Reg. 18026 (March 23, 1981) As amended (1986)

32. Supplements to Old EISs. Under what circumstances do old EISs have to be supplemented before taking action on a proposal?

A. As a rule of thumb, if the proposal has not yet been implemented, or if the EIS concerns an ongoing program, EISs that are more than 5 years old should be carefully reexamined to determine if the criteria in Section 1502.9 compel preparation of an EIS supplement.

COMMENTS TO SPECIFIC SECTIONS AND SEIS EXCERPTS:

DEFERRING RECORD OF DECISION FOR CLEANUP MAY REQUIRE UPDATED STUDIES

p. ES-1, see also p. 1-1

In March 2014, NASA prepared the Final Environmental Impact Statement [FEIS] for the Proposed Demolition and Environmental Cleanup Activities at SSFL (NASA, 2014a). After the required 30-day wait period, NASA issued a record of decision (ROD) to move forward with demolishing facilities at SSFL (NASA, 2014b). When the 2014 FEIS was published, a decision was made to defer issuing RODs for the cleanup of soil and groundwater until further investigations, analysis, and planning could be completed.

POST 2007 LITIGATION BY BOEING IS NOT CONSIDERED WHEN ANALYZING THE CONSENT ORDER

p. ES-2, see also p. 1-1 and p. 1-9

In August 2007, NASA, Boeing, DOE, and DTSC signed a Consent Order for Corrective Action that addressed the cleanup of soil and groundwater at SSFL (State of California DTSC Docket No. P3-07/08-003; DTSC, 2007). In 2010, NASA and DTSC executed an AOC that stipulated specific remedial requirements, including the characterization and cleanup of soil contamination in the NASA-administered areas of SSFL to Look-Up Table (LUT) values, which are the chemical-specific values used to assess whether SSFL cleanup objectives are achieved (State of California DTSC Docket No. HSA-CO 10/11-038; DTSC, 2010).

ADDITIONAL OPPORTUNITY TO COMMENT MUST BE MADE AVAILABLE AFTER THE PREFERRED ALTERNATIVE IS IDENTIFIED

p. ES-6, see also p. 1-10 and 1-11

Selection of Preferred Alternative CEQ regulations at 40 CFR Section 1502.14(e) require an agency to identify its preferred alternative, if one exists, in the draft SEIS. At this time, NASA does not have a preferred alternative. However, NASA will identify the preferred alternative in the final SEIS.

CEQ, Forty Most Asked Questions Concerning CEQ's National Environmental Policy Act Regulations
46 Fed. Reg. 18026 (March 23, 1981) As amended (1986)

4b. Does the "preferred alternative" have to be identified in the Draft EIS and the Final EIS or just in the Final EIS?

Section 1502.14(e) requires the section of the EIS on alternatives to "identify the agency's preferred alternative if one or more exists, in the draft statement, and identify such alternative in the final statement . . ." This means that if the agency has a preferred alternative at the Draft EIS stage, that alternative must be labeled or identified as such in the Draft EIS. If the responsible federal official in fact has no preferred alternative at the Draft EIS stage, a preferred alternative need not be identified there. By the time the Final EIS is filed, Section 1502.14(e) presumes the existence of a preferred alternative and requires its identification in the Final EIS "unless another law prohibits the expression of such a preference."

POST 2014 CONSULTATION IS REQUIRED FOR THE PROGRAMMATIC AGREEMENT DUE TO SEIS

p. ES-9

National Historic Preservation Act Section 106 Consultation The NHPA requires NASA to consult with federal, state, and local agencies, Native American tribes, other organizations, and members of the public having a potential interest in the Proposed Action. In 2014 NASA entered into a Programmatic Agreement, per Section 106 of the NHPA, with the California State Historic Preservation Officer (SHPO), Advisory Council on Historic Preservation (ACHP), and Santa Ynez Band of Chumash Indians (Appendix 3.1A).

ADDITIONAL POST WOOLSEY FIRE CULTURAL RESOURCE STUDIES ARE REQUIRED

P. 1-7, see also p. 3-137

On November 8, 2018, the Woolsey Canyon Fire burned portions of SSFL. On November 9, 2018, DTSC requested assistance from the Response Team, including federal, state, and local agencies, and coordinated with the Response Team to assess the impacts of the fire on SSFL. On November 21, 2018, the fire was 100 percent contained after burning 96,946 acres in Ventura and Los Angeles Counties. In December 2018, DTSC published an Interim Summary Report, summarizing the work completed in November 2018 to address concerns about the impacts from the fire (DTSC, 2018a).

THE REQUEST FOR EXCESS PROPERTY BY TRIBE/INTERIOR IS STILL PENDING

p. 1-9

After consideration and review of its current and future needs, NASA concluded it had no further need of the property it administers at SSFL. In accordance with statutory requirements, NASA notified Congress in April 2009 of its intent to declare the land "excess." In September 14, 2009, NASA submitted a "report of excess" to the GSA regarding the property. GSA conditionally accepted NASA's report pending NASA's certification that remedial action necessary to protect human health and the environment with respect to hazardous substances on the property has been completed, or that the Governor concurs with the suitability of the property for transfer in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(h)(3)(C).

CULTURAL RESOURCE STUDIES MUST BE MADE OF ALL BACKFILL MATERIAL

p. 2-2

Backfill material would be acquired from an onsite or offsite source, when available. A backfill material investigation was completed in June 2014 at five local sand and gravel pits in Ventura County, California, and surrounding areas (NASA, 2015a)

CULTURAL RESOURCE STUDIES MUST BE DONE ON ALL ROADWAYS AND STAGING AREAS

p. 2-8

Where cleanup areas are separated from existing roadways, NASA would develop temporary access roads on SSFL. Figure 2.2-1 shows where staging and stockpile areas might be located to minimize impacts to the surrounding environment.

THERE ARE NO AGREED UPON MITIGATIONS FOR SACRED SITE/EO 13007/TCP VIOLATIONS

p. 3-7

3.1.1.1 Indian Sacred Site In December 2012, NASA received notice from the Santa Ynez Band of Chumash Indians of the tribe's designation of land, including NASA-administered areas of SSFL, as an Indian Sacred Site (Armenta, pers. comm., 2012) in accordance with EO 13007 (1996). This EO states that, for lands designated as sacred sites, agencies managing federal lands shall: (1) Accommodate access to and ceremonial use of Indian sacred sites by Indian religious practitioners and (2) Avoid adversely affecting the physical integrity of such sacred sites. Where appropriate, agencies shall maintain the confidentiality of sacred sites. NASA is limited by EO 13007 from disclosing the sacred site boundaries. For the purposes of this SEIS, the boundary for the sacred site encompasses all of NASA's portion of SSFL.

p. 3-12 & 13

Per EO 13007, agencies managing federal lands shall "avoid
SECTION 3 AFFECTED ENVIRONMENT AND ENVIRONMENTAL CONSEQUENCES
adversely affecting the physical integrity of such sacred sites."

TRADITIONAL CULTURAL PROPERTY INCLUDES BOTH ARCHEOLOGY AND FLORA/FAUNA

P. 3-7

3.1.1.2 Traditional Cultural Property In accordance with the 2014 Programmatic Agreement (Appendix 3.1A) and based on the Ethnographic Overview of the Native American Communities in the Simi Hills and Vicinity (Lawson et al., 2017), NASA completed an NRHP nomination of the Burro Flats Cultural District, which is eligible for listing in the NRHP as a traditional cultural property (TCP) in 2018 and sent it to the California State Historic Preservation Officer (SHPO) for review and comment. The boundaries of the TCP are confidential. For the purposes of this analysis, the TCP is defined as the entirety of SSFL. As of August 2019, the TCP nomination was under review with the California SHPO. The local Native American communities have indicated that the area included in the Burro Flats Cultural District TCP was important to their communities historically, as described through their oral histories, and is significant to the beliefs, customs, and practices of today's communities. This area has fresh water and plentiful flora, including plants traditionally used for celebrations and ceremonies (Lawson et al., 2017). The Burro Flats Cultural District TCP is eligible for listing on the NRHP for its association with events important to the history of local Native American communities: the creation of the world, a time when people were animals, the great flood, and the celebration of the winter and summer solstices. The local Native American communities consider the area significant and believe the area retains all aspects of integrity. Its primary significance is derived from archeology, ethnic heritage, art, and religion. It is significant in the areas of Ethnic Heritage: Native American and Religion for its association with ceremonial solstice events. Contributing features to the TCP include landforms, outcrops, overhangs, hills, rock shelters, creeks, springs, the viewshed, the flora, the fauna, open spaces, and the sky above SSFL (Lawson et al., 2017).

BURRO FLATS SITE IS STILL UNDEFINED AND REQUIRES ADDITIONAL CONSULTATION

P. 307

3.1.1.3 Archeological Resources Fifty-four NRHP-eligible or listed archeological sites have been identified within the APE, including the Burro Flats Site (CA-VEN-1072), which is listed on the NRHP. Forty-one sites are located within the archeological district and 13 sites are located within the APE but outside the district. NASA conducted an Extended Phase I investigation in the footprint of the cleanup and remediation areas (NASA, 2016), as identified at that time. Non-intrusive field testing was undertaken in 2015 to delineate the outer boundaries of the Burro Flats Site in accordance with the testing plan (NASA, 2015b). Although the results of the non-intrusive testing were inconclusive, observations made during the removal of the vegetation in preparation for testing made it possible not only to delineate the outer surface boundaries of the Burro Flats Site, but also to refine the boundaries of loci within the site (NASA, 2016).

NASA FAILS TO ADDRESS DTSC ARCHEOLOGICAL DISTRICT RECOMMENDATION

p. 3-8

3.1.1.3.2 Archeological District Based on the analysis of GIS data and the data derived from the California Historical Resources Information System (CHRIS) literature search, SSFL contains a significant concentration of sites that are related geographically, as well as by site type, indicating there is an NRHP-eligible archeological district at SSFL. Because of the sensitivity of the archeological sites, the boundaries of the archeological district are confidential. NASA has identified a discontinuous archeological district extending across SSFL Administrative Areas II, III, and IV that is eligible for listing in the NRHP.

NASA CANNOT UNILATERALLY REDUCE BURRO FLATS BELOW 25.02 ACRES

p. 3-8

3.1.1.3.1 Burro Flats Site (CA-VEN-1072) The Burro Flats Site (CA-VEN-1072) is 11.74 acres, the majority of which are located on NASA-administered property in Area II; the remainder is located on Boeing-owned property. Notable features of the Burro Flats Site include pictographs, petroglyphs, mortars, stone tool production sites, and habitation sites. Although the Burro Flats Site has been subject to some disturbance, its overall integrity is good because SSFL operated as a secure research facility, closed to the public, which protected the Burro Flats Site from vandalism and the effects of commercial development. The first archeological investigations at the Burro Flats Site was an archeological testing program done by the Archaeological Survey Association of Southern California in 1953 and 1954. The Burro Flats Site was first systematically recorded in 1959 (Rozaire, 1959) and was resurveyed in 1972 by Franklin Fenenga (Fenenga, 1972). The boundary of the site was enlarged to 25.02 acres by the Ventura County Heritage Board in 1975 and was accepted by the National Park Service (NPS) and listed on the NRHP in May 1976. Researchers have since suggested that the 1976 boundary of the site does not adequately reflect the number, density, and distribution of loci associated with the site (Corbett et al., 2016a). An updated nomination includes four additional loci and reduces the overall site footprint from 25.02 acres to 11.74 acres, resulting from data gathered during pedestrian surveys (Corbett et al., 2013, 2016b) and the testing of loci boundaries in some locations (Corbett et al., 2016b). The updated nomination is currently under review with the California SHPO.

NASA IS REQUIRED TO SUPPORT CHUMASH ARCHEOLOGICAL DISTRICT

p. 3-19

In addition, the Santa Ynez Band of Chumash Indians has submitted an NRHP nomination to the California SHPO for an archeological district that is larger than the one NASA has determined eligible and includes NASA-administered areas. The California SHPO has not concurred with the archeological district submitted by the Santa Ynez Band of Chumash Indians-submitted.

ADDITIONAL CONSULTATION IS REQUIRED FOR NATIVE AMERICAN ARTIFACTS AOC EXCEPTION

p. 3-11

The 2010 AOC allows for consideration of exceptions subject to DTSC's oversight and approval that aim to achieve a cleanup as close to background as practicable. An exception was provided in the 2010 AOC for "Native American Artifacts that are formally recognized as Cultural Resources" (DTSC, 2010). NASA will work with DTSC to identify whether impacts to the Burro Flats Site, Burro Flats Cultural District, archeological district, or Indian Sacred Site can be minimized under this exception. Stipulations in the 2014 Programmatic Agreement (Appendix 3.1A) describe the process for requesting the exception (Stipulation III.D), overriding the exception (Stipulation III.E), and deciding the appropriate cleanup methodology (Stipulation III.F) in sensitive areas (Stipulation III.F).

CLEANUP CANNOT IMPACT BURRO FLATS WITHOUT VIOLATING ARPA AND NHPA

p. 3-14

3.1.2.1.2 Archeological Resources Burro Flats Site The location of the Burro Flats Site is confidential and is not disclosed in this document. Roughly 5.7 acres of the Burro Flats Site would be impacted by soil excavation and offsite disposal as part of the cleanup activities under Alternative A if an AOC exemption is not issued. The disturbance from the excavation and removal of soil to another location would impact the Burro Flats Site because of the loss of the cultural materials within that volume of soil. Archeological resources, loci, and features of the Burro Flats Site would be damaged or removed from the site because of soil excavation and offsite removal. Archeological artifacts lose their significance when removed from their location and context.

IMPACTS TO TEST AREA HISTORIC DISTRICTS ARE CUMULATIVE WITH ARCHEOLOGY

p. 3-15

Individually Eligible Structures Because remediation areas could be located under existing structures, this technology could require historic structures in remediation areas to be removed to reach contaminated soil. The Alfa, Bravo, and Coca Test Area Historic Districts have remediation areas that correspond to the locations of individually eligible structures. The removal of individually eligible structures to excavate and remove soil would result in significant, negative, and permanent impacts on cultural resources under NEPA and a finding of adverse effect under Section 106 (Cultural Impact-6).

CURRENT PA FAILS TO ADDRESS NEW SEIS CLEANUP DETAILS

p. 3-19

The 2014 Programmatic Agreement includes mitigation measures to address the impacts and adverse effects from demolition and soil and groundwater cleanup at NASA-administered areas of SSFL. No additional mitigation measures beyond those identified in the Programmatic Agreement would be required to address the identified effects of Alternative D.

ALL NATIVE AMERICAN TRIBES NEED TO BE PRESENT DURING MONITORING

p. 3-20

Cultural Mitigation Measure-4 (All Action Alternatives): Native American monitoring – NASA will use archeological and Native American monitors to oversee field sampling, vegetation clearing, and grounddisturbing activities within Burro Flats Site and the buffer area defined by NASA in 2008 for management purposes, as well as within any other known archeological sites, and will coordinate, where feasible, any sampling within Burro Flats Site Boundary with the boundary determination work. This mitigation measure is ongoing

NATIVE AMERICAN FLORA AND FAUNA IMPACTS ARE CUMULATIVE WITH ARCHEOLOGY AND TCP

P. 3-26

3.2.1.3.4 Biological Species of Native American Concern A number of plant and wildlife species found on SSFL have been identified as species of concern to Native American tribes. The list of species, the reason for their significance, and their distribution are provided in Table 3.2-4.

MUTIPLE FIRES ARE CUMULATIVE IMPACTS THAT ARE NOT ADDRESSED

p. 3-137

Woolsey Canyon and Topanga Wildfires: SSFL is an area prone to wildfires because of its warm weather and dry climate. In September 2005, 2,000 of the 2,849 acres of SSFL, including most of NASA-administered Area II, burned in the 24,000-acre Topanga Wildfire (NASA, 2014a). Many site structures were damaged or destroyed; however, none of the structures were individually NRHP-eligible or contributing resources to historic districts. After the fire, BMPs were implemented to decrease the amount of soil, ash, and burned vegetation migrating from the site. In 2018, the Woolsey Canyon Fire occurred in Simi Valley. Wildfires produce some toxic chemicals, including dioxin, from the burning of brush and building materials. Consequently, some of the dioxin found in the remediation areas could be associated with the Topanga or Woolsey Canyon wildfires. The 2005 Topanga Wildfire and the 2018 Woolsey Canyon Fire are both past actions that affect the NASA-administered property (DTSC, 2018a)

MULTIPLE CLEANUPS BY DOE AND BOEING AND DTSC ARE NOT ADDRESSED

p. 3-138

3.10.2.1.1 Cumulative Impacts to Cultural Resources The Action Alternatives would contribute to cumulative impacts on cultural resources. Cultural resources at SSFL have been, and would continue to be, impacted by previous and future actions, particularly grounddisturbing activities such as soil excavation and test stand removal, which could impact archeological deposits. The cumulative impacts of NASA, DOE, and Boeing activities would result in increased significant and negative impacts to cultural resources at SSFL (Cumulative Impact-1).

NON-RENEWABLE NATURE OF ARCHEOLOGY MUST BE ADDRESSED

p. 3-145

Archeological resources and historic resources have been documented on the NASA-administered property at SSFL. These cultural resources are analyzed in Section 3.1 of this SEIS. These resources are considered non-renewable and, if affected, the impact would be irreversible. NASA will continue to consult with SHPO, ACHP, tribes, and the consulting parties to develop appropriate mitigation measures for addressing the impacts to cultural resources. Consultation will culminate with measures to address the adverse effect to historic properties stipulated in the ROD.

NEW TRIBAL CONSULTATION IS REQUIRED FOR SEIS

p. 4-2

4.4.1 Tribal Consultation The NHPA requires consultation with Native Americans who have religious and cultural attachments to properties. This mandatory consultation was conducted throughout the NEPA process for the FEIS. In addition, in accordance with 2014 Programmatic Agreement Stipulation II.A., the Sacred Sites Council was created by NASA and representatives of federally and state-recognized tribes in the SSFL area "with an interest in the protection of Native American sites on NASA SSFL" (NASA, 2014c). The Sacred Sites Council serves to advise NASA on matters of interest to the tribes. It operates independently of NASA and contacts NASA on an as-needed basis. The Sacred Sites Council remains in effect until the 2014 Programmatic Agreement expires in 2024 or until the parties agree it is no longer needed (NASA, 2014c). No additional tribal consultation is required as a part of this SEIS.

SANTA YNEZ CHUMASH WAS NOT CONSULTED FOR THIS TCP DOCUMENT AND REQUESTS A COMPLETE COPY

p. 6-4

Lawson, Natalie, Jennifer Whiteman, Dorothea Theodoratus, and local Native American Communities. 2017. Ethnographic Overview of the Native American Communities in the Simi Hills and Vicinity. Prepared for National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Alabama.

Thank you for the opportunity to comment on this SEIS. Please contact Sam Cohen, Government Affairs and Legal Officer (scohen@sybmi.org) if you have any additional questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read 'K Kahn', written in a cursive style.

Kenneth Kahn,
Tribal Chairman

1 They were powered by the 817-volt AC lines. And then in the
2 Midwest, where you have transients going from power strikes
3 down, well, what happened is there would be a 1-volt transient
4 and the magnetic amplifiers would say there's a 600-volt
5 thermal transient on the line, and it would shut it down.

6 So after we got that thing running, then it ran for a
7 little bit. Then they decided they didn't -- they went to the
8 government from -- the government shut the thing down. It
9 wasn't -- the main cause is it wasn't how much money they were
10 going. It was how many times they were going. And it probably
11 was a good thing that they did shut it down because it was a
12 sodium graphite, which was like a Chernobyl design.

13 So -- but that was one of the first jobs I had there. And
14 after that I did robotics for nuclear reactor inspection
15 vessels, and I had a -- we had a system there.

16 The main thing I would complain about is -- there's like
17 three or four things is, one, I was in the original
18 epidemiology study that had to be redone. And that's where my
19 whole ire started on this whole -- because of the scientific
20 fraud that was put into the process. And I don't think the way
21 the public has gone it's never gone away.

22 What happened is they called Bob Tuttle, who was the
23 finest nuclear statistician that the company ever had, they
24 called him back out of retirement to handle the data that they
25 already had inside the company to present to this



1 Dr. Morgenstern. And I was actually in the building, where my
2 office was, where they were in the next office over.

3 And he came in and gave these grad students, like,
4 advanced study courses and told them how to handle all this
5 data because he was that good at it. And because he could look
6 at data when his reactor was running and then he would call you
7 up and tell them this instrument is bad. That's how good he
8 was.

9 But after he got all this data, Dr. Morgenstern came in
10 and says I'm not going to -- I'm only going to handle the
11 radiation exposure that people had while working on the hill.
12 And there was one person that was the director of operations of
13 the SGR where they had the meltdown. He had 73 man years of
14 radiation exposure. And he -- Morgenstern threw out all but
15 one and a half years of it, and he claimed -- and then all the
16 nuclear reactor operators on the hill were from the Navy
17 submarine, because they were already trained nuclear reactor
18 operators. And all of them had like 400 or 500 times because
19 you can't avoid radiation on a submarine.

20 The other thing is the concern of the company about the
21 dangers and precautions of nuclear radiation because the
22 company policy all during the time I worked at the company is
23 that you had a limit on radiation. If you received half of
24 that dosage in a three-month period, they wouldn't let you go
25 near radiation. And then I was in the reactor physics group,



1 and I was sent in as an engineer to do their work for them only
2 when somebody got more. And these guys were PhD's in nuclear
3 physics, and then they stood back and if you made a wrong move
4 after...

5 Okay. That's good. Stop them from all this fraud stuff.
6 And so the other thing is -- I have 40 years of experience, and
7 I'm trying to expose some of the fraud that went on that I
8 observed.

9 But the other thing is I was at the CT machine on the hill
10 when they did the radiation survey. And I verbally talked to
11 the guy that did the survey at the time. And he said for about
12 all the area there was more Radon coming out of the sandstone
13 mountains than there was background radiation, and all these
14 people want this stuff cleaned up to the, you know, past
15 background radiation, which is essentially -- and, yeah, one of
16 the buildings -- another anecdote is one of the buildings...

17 **MR. WILLIAMS:** My name is Haakon Williams. I'm here
18 tonight to testify because I am outraged that NASA is proposing
19 to break its cleanup agreement at the Santa Susana Field Lab.
20 NASA is proposing to leave as much as 88 percent of its
21 contaminated soil on the site, not cleaned up.

22 NASA is proposing to use cleanup standards that are
23 hundreds, if not thousands, of times weaker than would be
24 needed.

25 In 2010 NASA signed an administrative order on consent,



1 the AOC, with the California Department of Toxic Substances
2 Control, DTSC, committing to clean up all contamination at its
3 portion of the Santa Susana Field Lab to background levels, in
4 essence returning the site to the condition it was in before
5 NASA so heavily polluted it.

6 The AOC is legally binding, and NASA does not have the
7 authority to choose not to comply with it. Furthermore, even
8 were the AOC not to exist, NASA, the polluter, does not have
9 legal power to determine how much of its pollution it will
10 clean up. That authority is delegated under the Resource
11 Conservation and Recovery Act to DTSC. NASA does not have
12 discretion to either disobey the AOC it signed or orders by
13 DTSC, which has insisted on a full cleanup.

14 NASA has now issued a draft Supplemental Environmental
15 Impact Statement, the SEIS, proposing to breach its obligations
16 under the AOC and DTSC's directives and instead choose to leave
17 the majority of its contamination not cleaned up. This is
18 illegal and a direct threat to public health and the
19 environment.

20 NASA asserts it is preparing the supplemental EIS because
21 of significant new information, primarily that it has
22 discovered that there is much more contamination on its
23 property than it previously estimated. NASA has discovered
24 that there is 75 percent more contaminated soil than it had
25 thought. One would think that such a discovery of more



1 pollution would result in more cleanup; however NASA has
2 instead proposed to radically reduce the amount of cleanup it
3 does, even as it admits that it contaminated its property more
4 than it had previously realized.

5 The AOC NASA signed and to which it is legally bound
6 requires cleanup of 100 percent of the pollution NASA created
7 over decades of sloppy and irresponsible environmental
8 practices. NASA is now proposing to breach those commitments
9 and instead leave up to 88 percent of the contaminated soil not
10 cleaned up.

11 I have a chart. This is the different alternatives NASA
12 proposes under its SEIS. Alternative B, Alternative C,
13 Alternative D all leaving vastly more contamination than the
14 zero percent of contamination it was supposed to leave under
15 the AOC. This is in volume. It gets worse when you look at
16 acreage. Up to 88 percent of the contamination under
17 Alternative D would be left on site.

18 The amount of contaminated soil that NASA now proposes to
19 walk away from can be seen in maps prepared by NASA. Here, the
20 purple is the amount of soil that NASA has said is contaminated
21 on the site and that it would have to clean up that it is
22 legally mandated to clean up under the AOC. As you can see
23 under Alternative B, C, and D -- maybe you can't see it on D
24 because there's hardly any purple on that map -- NASA is
25 proposing to leave very much of the contamination on the site.



1 **MS. ALTENBERN:** My name is Taylor Altenbern. So just to
2 reiterate, it is extremely unacceptable what NASA is proposing
3 in its SEIS. They should be held accountable to the legally
4 binding agreements that they made in 2010. So I will be
5 discussing how NASA dramatically misrepresents the alternative
6 standards it proposes to use in breach of the legally binding
7 AOC.

8 So NASA's revised lookup table values proposed under
9 Alternative B are as much as 3 million times less protective
10 than the AOC lookup table values, which is what they agreed to
11 in the legally binding agreement.

12 Similarly, NASA's proposed revised lookup table's values
13 don't include a garden and are as much as thousands of times
14 less protective than the standardized risk assessment
15 methodology residential with garden cleanup levels which were
16 approved by DTSC for the cleanup, specifically for Santa
17 Susana.

18 NASA falsely claims its Alternative C cleanup levels are
19 based on the SRAM when, instead, NASA used its own inputs to
20 produce cleanup levels hundreds of times higher than DTSC's
21 approved SRAM cleanup levels.

22 Alternative D, the supposed recreational standard, is the
23 weakest of all. It assumes someone is on the property only a
24 few hours a week, whereas people -- people here tonight -- are
25 living nearby, nearly 24 hours a day, 7 days a week, and would



1 be potentially exposed to migration contaminants migrating from
2 Santa Susana that NASA now does not want to clean up.

3 Those cleanup levels proposed by NASA are hundreds and
4 thousands of times higher, meaning less protective, than either
5 the cleanup levels NASA is required to meet under the AOC it
6 signed or the DTSC-approved SRAM based suburban residential
7 levels. SRAM is the Standardized Risk Assessment Methodology.
8 And those were cleanup levels that DTSC approved.

9 So NASA's proposed cleanup levels are not only not
10 protective of human health, but they also will harm ecological
11 receptors. So NASA asserts in the draft SEIS that its suburban
12 residential cleanup standards under Alternative C and its
13 recreational cleanup standards proposed in Alternative D,
14 admittedly far weaker than what it is required to do under the
15 AOC, would nonetheless be fully protective of plants and
16 animals at that site, the so-called ecological receptors. But
17 its own tables demonstrate that claim to be false.

18 NASA's residential cleanup levels far exceed its own
19 ecological risk by thousands, as much as 6000, 1000, hundreds
20 of times. NASA's residential standards are not protective of
21 ecological receptors as NASA falsely claims them to be.

22 NASA's recreational cleanup levels proposed under
23 Alternative D also far exceed its own ecological cleanup
24 levels. So recreational standards are not protective of
25 ecological receptors, again as NASA continues to claim them to



1 be.

2 Additionally, NASA's proposed revised lookup table values
3 are much less protective than the SRAM ecological risk based
4 screen level. So I think you're seeing a pattern here. And
5 finally, NASA's ecological risk values, which it proposed
6 themselves, are much weaker than the DTSC SRAM ecological
7 cleanup standards.

8 **MR. RINCON:** Good evening. Michael Rincon. It's like the
9 beach. So I want to comment on NASA grossly inflating soil
10 cleanup volume so as to be able to push for weaker cleanup
11 standards. NASA asserts in its draft SEIS large volumes of
12 soil would be needed to be excavated to meet the cleanup
13 requirements in the legally binding agreement it entered into
14 the State in 2010.

15 In order to build a case for breaking that agreement, NASA
16 has heavily inflated those figures. It has done so with an
17 indefensible assumption that wherever there is soil
18 contamination in the surface, soil would have to be removed
19 down to bedrock or 20 feet below ground surface, BGS. Wherever
20 there are measurements showing the contamination, it is just at
21 the surface. NASA, nonetheless, assumed all the soil above
22 bedrock or down to 20 feet would have to be removed, where
23 there are no measurements showing contamination beneath the
24 surface. NASA again assumes all soil down to bedrock or 20
25 feet BGS would be removed.



1 NASA knows this is an absurd assumption, grossly inflating
2 the volume estimates and quietly admits as much. These numbers
3 represent the upper levels of expected excavated soil
4 quantities. Yet it uses these inflated numbers to create the
5 false impression of moonscaping and huge numbers of trucks, all
6 to the end of trying to get out of cleaning up the
7 contamination its environmentally reckless operations at SSFL
8 created and which it is bound to remediate by the cleanup
9 agreement it executed with the State in 2010.

10 The conclusion is that NASA's environmentally
11 irresponsible activities over decades badly contaminated its
12 portion of SSFL so bad that they didn't even know the extent of
13 it until recently. And even then I'm very, very uncertain that
14 that's the actual extent of the contamination. There may be
15 more.

16 In 2010, NASA signed a legally binding agreement to clean
17 up all its contamination at SSFL, returning the site to the
18 condition it was in before NASA had even been there and
19 polluted it.

20 Lastly, that cleanup of soil was supposed to be completed
21 by 2017, but NASA dragged its feet and the promised cleanup has
22 not even begun.

23 **MS. CAINE:** Maria Caine. First of all, I'm extremely
24 disappointed that NASA won't let us present in front of
25 everybody today. I'm furthermore very disappointed in their



1 EIS proposals, especially because we just last year had the
2 Woolsey Fire, and since that fire there have been 57
3 exceedances of pollution limits relating to surface water
4 leaving Santa Susana Field Laboratory which were reported in
5 the period after November 8th.

6 The limits exceeded were established by the Los Angeles
7 Regional Water Quality Control Board and Boeing's national
8 pollutant discharge elimination system permit as essential to
9 protect public health and the environment. The increase in the
10 number of exceedances were attributed to the fire. There were
11 6 exceedances at Outfall 1 on the site, 27 exceedances at
12 Outfall 2, 10 exceedances at Outfall 8, 2 exceedances at
13 Outfall 9, 10 exceedances at Outfall 11, 1 exceedance at
14 Outfall 18, and 1 exceedance at the Arroyo Simi receiving water
15 location.

16 Of those exceedances, there was copper, iron, lead,
17 selenium, zinc, cyanide, dioxins, gross alpha radioactivity,
18 E-Coli, manganese, arsenic, nickel, sulphate, and nitrate.
19 Cyanide was found at 1.6 times their limit, dioxins at 6 times
20 the limit, and gross alpha was found at 60.7 picocuries per
21 liter, which is 5 times the limit.

22 Water leaving outfalls 1, 2, 11, and 18 drain into the
23 Bell Creek, which runs through the Bell Canyon neighborhoods in
24 Los Angeles County before entering the Los Angeles River.
25 Water from Outfall 8 drains into Dayton Canyon Creek, passing



1 through the housing development in Dayton Canyon before
2 entering the Los Angeles River. Water from Outfall 9 passes
3 through the children's camp at the Brandeis-Bardin Institute
4 before entering the Arroyo Simi, the main water course through
5 Simi Valley.

6 So zinc was found at 430 micrograms per liter, manganese
7 at 920 micrograms per liter, nickel at 170, which is almost
8 twice its legal limit, 52 for copper, and 88 micrograms per
9 liter of lead when the limit is 5.2. Dioxins were found at 1.7
10 to the negative 10 micrograms per liter, which is above the
11 legal limit of 2.8 to the negative 8 micrograms per liter.

12 So the Boeing and Regional Water Quality Control Board
13 both concede that the increased number of exceedances in the
14 period following the fire was due to the fire, which among
15 other things burned vegetation on 80 percent of the site,
16 increasing the amount of contamination in the soil that was
17 picked up by storm water passing over the polluted soil and
18 carrying the contaminants offsite in the storm water runoff.

19 This is not to say that there were no exceedances in the
20 period before the fire. There were roughly 350 exceedances
21 from 2006 to the time of the Woolsey Fire and no year without
22 exceedances, but they increased markedly in the wake of the
23 fire.

24 Boeing, the Department of Energy, and NASA, the parties
25 responsible for the contamination at SSFL, all signed legally



1 binding agreements to clean up SSFL by 2017. Not only has the
2 promised cleanup not been completed, it has not even begun.
3 And now all three responsible parties have announced their
4 intentions to break the agreements and instead leave behind the
5 great majority of their contamination not cleaned up.

6 Until SSFL is fully cleaned up as required by the cleanup
7 agreements executed by the parties responsible for the
8 contamination there, NASA, Department of Energy, and Boeing,
9 there will be continued risk of contamination migrating
10 offsite.

11 **MS. DUFFIELD:** My name is Denise Duffield. I am the
12 associate director of Physicians for Social Responsibility
13 Los Angeles.

14 Migration of contaminants from the Santa Susana Field
15 Laboratory in the period following the Woolsey Fire and
16 implications for NASA's SEIS proposals to break its 2010
17 agreement to clean up NASA's toxic pollution.

18 Fifty-seven exceedances of pollution limits relating to
19 surface water leaving SSFL were reported in the period after
20 the November 8th Woolsey Fire. The limits exceeded what were
21 established by the Los Angeles Regional Water Quality Control
22 Board and Boeing's national pollutant discharge elimination
23 system permit as essential to protect public health and the
24 environment.

25 The increased number in exceedances were attributed to the



1 fire. There were exceedances -- 6 exceedances at Outfall 1, 27
2 exceedances at Outfall 2, 10 exceedances at Outfall 8, 2
3 exceedances at Outfall 9.

4 I'm going to talk about NASA and the spread of the Woolsey
5 Fire and implications for NASA's SEIS and breach of cleanup
6 commitments.

7 NASA awarded itself a silver medal for its quick actions
8 during the Woolsey Fire for leaving the site within ten minutes
9 of the fire starting. But does NASA have responsibility for
10 the fire's catastrophic spread? And NASA's failure to meet its
11 legal obligations for a full cleanup of its contamination by
12 2017 did result in migration of pollutants offsite.

13 The Woolsey Fire began on NASA land at the Santa Susana
14 Lab on November 8, 2018. It began on NASA's property, just
15 south of NASA's ELV complex. And there's a map where you can
16 see the location. The fire burned vegetation on 80 percent on
17 the contaminated SSFL site. This resulted in potential
18 airborne release of the contaminants during the fire and
19 subsequently increased the amount of contamination in the SSFL
20 soil that was picked up by storm water passing over the
21 polluted soil and carrying the contaminants offsite in the
22 storm water runoff at levels in excess of legal limits.

23 The fire was not put out quickly and instead spread all
24 the way to the ocean, burning nearly 97,000 acres and
25 destroying more than 1600 homes and other structures, while



1 killing four people.

2 Why was the fire not promptly suppressed at the point of
3 origin? Besides the question, which is still unresolved, of
4 what started the blaze, there is a separate question of whether
5 there were avoidable failures that contributed to the fire
6 getting out of control, resulting in one of the most damaging
7 conflagrations in the state's history.

8 A large fire station with multiple engines had been
9 located close to where the fire broke out but was torn down.
10 Had it still been there and operational, there is a significant
11 question whether the fire would have been put out quickly and
12 never spread.

13 The former station was equipped with multiple modern fire
14 engines and as the L.A. Times reported, "In the past, the lab
15 had a robust fire crew and a 6630 square foot fire station
16 equipped with about five fire engines and trucks, including two
17 brush rigs."

18 After discontinuation and demolition of that large,
19 well-equipped fire station near where the fire occurred, Boeing
20 left one small, less modern and less capable fire truck
21 stationed at the entrance to SSFL, which has now been revealed
22 to have been broken down before it could even reach the fire,
23 per the L.A. Times.

24 By the time the fire broke out in late 2018, the stations,
25 along with fire hydrants and sprinklers across various



1 locations in Area 2, had been removed from the site. One
2 hydrant, which can be seen when using NASA's own virtual tour
3 program, was located just across the road from the fire's point
4 of origin.

5 As part of Phase 2 of its cleanup, NASA removed 11 water
6 storage tanks and associated pipelines in the Skyline Road
7 area. The tanks had a combined capacity for 2,270,000 gallons
8 of water. After their demolition, NASA staged two small 20,000
9 gallon water tanks in the central part of Area 2. That is one
10 percent of the original water capacity they had torn down.

11 **MS. JAHNSEN:** Briana Jahnsen. The Los Angeles Times
12 reported that first responders on the front lines of the
13 Woolsey Fire struggled during those first critical hours,
14 stymied by communication breakdowns and a scarcity of air
15 tanker support, equipment, and firefighters. Furthermore, they
16 uncovered through radio transmissions that firefighters sent by
17 the Los Angeles Fire Department were frustrated with the lack
18 of a plan and resources on the scene, including being "hampered
19 by a lack of water at the Boeing facility."

20 Would water to fight the fire have been more available had
21 the Skyline tanks still been operational and the fire hydrant
22 and piping not removed, had the fire station near the origin of
23 the fire still been there, and had the one ancient remaining
24 truck station at the entrance to the site not broken down
25 before getting to the fire, could the catastrophic spread of



1 the fire been prevented?

2 NASA broke its commitments to clean up SSFL by 2017. The
3 promised soil cleanup hasn't even begun. The Woolsey Fire, the
4 spread of which NASA may have contributed to, released
5 contamination into the environment. Now, with its SEIS, NASA
6 proposes completely violating the legally binding cleanup
7 agreement it signed and leaving the great majority of the
8 contamination not cleaned up.

9 Until SSFL is finally cleaned up as required by the
10 cleanup agreement signed by NASA, there will be continuing
11 risks of contaminants migrating offsite from fires and
12 otherwise. NASA, live up to your cleanup obligations.

13 **MR. DODGE:** My name is Robert Dodge. I'm president of
14 Physicians for Social Responsibility Los Angeles. NASA is
15 legally committed to a complete cleanup of the Santa Susana
16 Field Lab. That said, NASA is trying to break out of its
17 cleanup agreements and release a draft Supplemental
18 Environmental Impact Statement, or SEIS, for public review.

19 It proposes leaving as much as 80 percent of the site not
20 cleaned up. NASA's property is contaminated with TCE,
21 perchlorate, PCBs, dioxins, heavy metals, and other toxic
22 chemicals that can cause cancer and other harmful health
23 effects.

24 As physicians, we see the health effects from failure
25 every day. When the rain comes, contaminants migrate offsite



1 to the surrounding communities in levels exceeding the EPA's
2 safe levels. When the fires come, like the Woolsey Fire, which
3 started on the field lab site, toxins are aerosolized and
4 migrate offsite to the surrounding region.

5 For many of these toxins, there is absolutely no safe
6 level exposure, and all levels will impact the health of our
7 children and vulnerable communities and populations in the
8 surrounding area.

9 NASA, how long are you willing to do nothing, promoting a
10 sham cleanup and allowing the health and well-being of our
11 community to remain at risk? We are urging NASA to keep its
12 commitment to clean up all of the contamination by selecting
13 Alternative A, which is the entire full cleanup as NASA has
14 promised.

15 **MS. KNACK:** Jeni Knack. The SEIS is illegal. NASA's
16 attempt to usurp State authority and determine on its own what
17 contamination it will clean up is illegal. It is the State's
18 domain to decide what should be cleaned up at SSFL.

19 They signed an agreement, a legally binding agreement, in
20 2010 which stated that they would clean up to background levels
21 of contamination. That is Alternative A. We should all be
22 pushing NASA to stick to Alternative A. That is the AOC
23 agreement.

24 Alternative B would leave 50 percent of contamination on
25 site. That's our next best offer, folks. That's a terrible



1 offer. We need to get them to stick to what they agreed to.
2 It's a legally binding agreement. To break that agreement is
3 to break RCRA laws.

4 This hearing, me yelling at the top of my lungs, Dan being
5 kicked out, is breaking NEPA laws. We have a right to comment
6 on the SEIS. NASA did not even give all of their data.
7 Seventy-five percent of their references on their appendices
8 are not available to the public. You do not have access to the
9 fine print. That is what they do not want you to know. That's
10 why we're here. That's why we're not mic'd. That's why we're
11 yelling. That is a NEPA infraction. They are breaking the
12 law. This is all illegal.

13 Please write your letters. Call your representatives.
14 Call the Best Western. Call NASA. Pick up the phone.

15 **MS. RASKIN:** Dorri Raskin. I'm really concerned about --
16 first, this setup sucks. And it's real hard to hear people,
17 and I prefer where we have a meeting and people give public
18 comments. Second, we did this thing before where NASA showed
19 all their various options, even though it was violating the
20 AOCs. We need to clean up to the AOCs completely. Period.
21 It's a legal binding contract.

22 Why NASA is refusing is wrong. They have to clean up.
23 I've been trying to clean up the site for more than 29 years.
24 And I'm concerned about public health. And I remember last
25 time NASA had all this list of why we shouldn't clean up



1 completely. And at the very end, on the other side, it said we
2 need to clean up fully because of public health. And that is
3 what I'm saying. Clean up completely. It's time for NASA to
4 do the right thing. Stop violating the contract, and we don't
5 need more people to get sick.

6 **MS. KOWALSKI:** Dawn Kowalski. To start with, I think this
7 format for a meeting is ridiculous. We've said that so many
8 times. There's no information gets out to anybody. It's a
9 complete waste of everyone's time.

10 Secondly, the DTSC is in control of this cleanup. Where
11 are they? Why isn't this cleanup happening? The AOCs were
12 signed. Nobody put a gun to anyone's head. They were signed
13 nine, ten years ago. This process should be happening and have
14 happened already. It was meant to be finished in 2017. What
15 are we now, 2019, at the end of 2019? And still no cleanup.

16 It's an absolute farce. There's children that are really
17 severely ill. Nobody gives a shit about them. You know? And
18 it's time to clean this mess up. And I've been coming to
19 meetings since May of 1989 I think it was when we started.
20 It's over 30 years now. Most of the people we started with are
21 dead, you know. And, you know, I'm 70 now. I was in my 40s
22 when I started this process. And am I going to live to see it
23 cleaned up, you know?

24 So I just want to make sure that DTSC does its job and
25 NASA, who made the mess, clean it up. I think that's fair.



1 And the AOCs have to be followed.

2 **MS. C. GORTNER:** Cindi Gortner. My comment is that my
3 family would like the contamination to be cleaned up as was
4 agreed in the AOCs, and I'm disturbed to find that NASA is not
5 planning on doing so. My father worked his entire career at
6 NASA, and NASA is very dear to us. But this is disturbing.
7 And we think that it's a financial issue, and that's really not
8 okay. So please clean up as promised to the AOC cleanup
9 standard.

10 **MS. L. GORTNER:** I'm Lily Gortner. I mean, I don't really
11 have much to say. Just clean it up. I don't want any more
12 cancer scares. Like, there was -- a couple weeks ago, I
13 almost -- like, there was a chance that I have cancer. It's
14 been -- I've been doing a lot of testing. But it wouldn't
15 surprise me. Because, like, I was eating all the dirt right
16 near that area. If that dirt's got toxins in it, that's not
17 safe. So it's the same thing I said to one of the main
18 senators, I think. I don't care about money. I will make a
19 thousand bake sales. The main priority has to be safety.

20 **MS. MASON:** Marie Mason. I've lived in this community for
21 50 years, and I have been working for the cleanup of this site
22 for 30 -- almost 31 years now, since 1989. I think it just
23 needs to be cleaned up. I think they need to do Alternative A.
24 They signed the AOCs. Nobody put a gun to their head. It was
25 signed at the federal level. I think they have to honor their



1 commitment that they made in 2010 and clean up this area and
2 get moving on this instead of doing more studies.

3 I think this is really harmful to the community that
4 there's a public meeting that there's really no way for the
5 public that doesn't have a background to even know what's going
6 on. I've talked to three people. They're new. They're
7 looking at these boards. What are they going to -- what
8 question are they going to ask? They don't -- I said, well, go
9 ask a question. She said, "I don't know what question to ask.
10 I'm not a chemist. What do I know? I thought somebody was
11 going to tell me what was going on, and then I could respond to
12 whatever they were going to tell me."

13 So I think this is really not the way the government
14 intended it to be unless you want to keep secrets. Because I
15 think that when you're mandated by law to have a hearing, this
16 is not a hearing. This is like a dog and pony show telling
17 people to come and sit and talk to you. I mean, nothing
18 personal, but that's really what this is.

19 And if you don't have a background -- I mean, I could go
20 on and on for 31 years of meetings. But if you're a new person
21 that's a young mom, which this woman was, and she's scared to
22 live here, she has a right to hear what they're going to do,
23 not be handed some pieces of paper and a bunch of storyboards.
24 That's like a disservice. NASA knows better. NASA can do
25 better. They go to the moon. We got people sitting up in



1 space. So to act like we can't clean some stuff off the ground
2 for 31 years of my life has been -- it's ridiculous. Where
3 there's a will, there's a way.

4 So I think that it's time for the federal government to
5 get with the program and at least realize this is a sham and
6 they need to have a real public hearing so people can really
7 hear what's happening. Without community people having to get
8 kicked out of meetings because they're trying to tell the
9 truth. That's like the country that I don't really want to
10 live in. That's kind of sad to me.

11 This is a place that's turning into we'll just pretend and
12 let you look at some storyboards and then everybody can go away
13 and we've fulfilled our obligation under the law, which really
14 you've done a big disservice to the people that live here and
15 the people who are scared. And it's no fun to be a scared
16 young mom, because I was one of those scared young moms.
17 That's why I've been doing it for 31 years. And it's not fair
18 to the people that live here.

19 **MS. BUMSTEAD:** Melissa Bumstead. I'm a resident of West
20 Hills and the mother of a two-time cancer surviving daughter
21 who is nine years old.

22 The first thing I would like to say is that I find it
23 absurd that I should have to petition my government for the
24 right to live in environment that is not toxic and radioactive
25 contaminated. That should be an American right. And as an



1 American citizen, I am disgusted that this is -- NASA is an
2 American federal agency doing this to the people as if we don't
3 matter.

4 I first learned about the Santa Susana Field Lab the first
5 time my daughter was diagnosed with cancer in 2014. She was
6 four years old. And I kept meeting families while at the
7 hospital who live only miles from my home. Statistically
8 that's impossible. Childhood cancer is exceedingly rare, with
9 only 15,000 new cases every year. So even to find 50 kids
10 within 20 miles is far above the national standard. So clearly
11 the site is posing a risk, especially when you take the
12 statistics of the Breast Cancer Mapping Project that shows our
13 community has a higher invasive breast cancer rate compared to
14 the rest of California.

15 And we have the report by Dr. Morgenstern, who proved that
16 there is a 60 percent higher cancer incidence rate for
17 residents living within two miles of the site. To use a
18 risk-based assessment is inhumane, especially if you see what
19 children have to go through for cancer treatments. We have
20 buried four friends from the community who were under the age
21 seven. And I do not understand why the risk could be taken,
22 because we're people and not statistics.

23 **MS. OSPINA:** Melissa Ospina. I am for A, 100 percent
24 cleanup. I am 55. I moved into the Santa Susana Knolls when I
25 was 21 years old. I lived in a house on Rainey Road that was



1 on 100 percent well water when I was pregnant with my children.

2 All three of my children have had medical problems.

3 My oldest daughter had her teeth removed at UCLA Dental
4 Center when she was two years old. My middle daughter that I
5 was pregnant with while I was living at the house on well water
6 had Hodgkin's lymphoma at the age of 17 from the perchlorates,
7 I assume, in the waters being endocrine disruptors. And my
8 youngest daughter has Nevis Versatelia (*phonetic*) and auto
9 immune.

10 I've lived in the Santa Susana Knolls all these years, and
11 all of my friends have passed away from different cancers and
12 my neighbors, I don't have any best friends left anymore. All
13 of my girlfriends died of rectal cancer. And most of my
14 neighbors, I've gone to their funerals.

15 I want 100 percent cleanup. I've watched this whole thing
16 play out for all of these years. I know all of the lies that
17 have been told. I'm the girl from the book, which is what --
18 Barbara, Dawn, Holly, and Marie wrote a journal called Loss of
19 Innocence, and it starts off with a phone call from a young
20 girl calling in concerns with her well water. That girl was
21 me.

22 I'm now 55 years old. I waited all these years, and I
23 found out, yes, the water is bad. It affected my family in a
24 horrible way. I want it cleaned up so no other family ever has
25 to go through what my family and my children have had to go



1 through.

2 I don't think it's fair for any of the families that live
3 in the Santa Susana Knolls in my neighborhood. I do not think
4 it's fair that we have to live always wondering if we're safe
5 or not. I think 100 percent cleanup is what we deserved, and
6 we deserved it years ago. And they should have to stick with
7 what they agreed to in 2010, which was 100 percent cleanup.

8 And I also feel that they should be responsible for
9 everybody's medical bills also, but that's a whole 'nother
10 situation. But 100 percent cleanup, Option A, is what needs to
11 happen.

12 **MR. JASSET:** My name is Alex Jasset. I'm the nuclear
13 threats program associate at PSR, Physicians for Social
14 Responsibility L.A. First of all, I have to say that I'm
15 appalled at the format of this so-called hearing that seems
16 specifically designed to suppress public comment, in direct
17 violation of the spirit of NEPA.

18 Second, in order to protect public health, NASA must abide
19 by the AOC cleanup by sticking with Alternative A. Anything
20 less would leave significant pollution that they created on
21 site, where it will inevitably migrate offsite like it did
22 during last year's Woolsey Fire.

23 The time for a full cleanup is long overdue, and I urge
24 NASA to stand by the AOC cleanup agreement and commit to
25 Alternative A.



1 **MS. MURPHY:** Janet Murphy. I'm a resident of Ventura
2 County for nearly all my life. My family moved to Simi Valley
3 when I was two years old. My three children were born in Simi
4 Valley, and the eldest is residing three miles from the Santa
5 Susana Field Lab with her family and two young boys, my
6 grandsons. I'm here for them and also for those that have died
7 too young and needlessly and have suffered far too many
8 diseases.

9 Today, I'll read a mission statement and vision statement
10 of NASA's. It states: "NASA is an investment of America's
11 future. As explorers, pioneers, and innovators, we boldly
12 expand frontiers in air and space to inspire, serve America,
13 and to benefit the quality of life on Earth."

14 Part of the mission, it states, "Preserving the
15 environment, we study the Earth as a planet and a system to
16 understand global change, enabling the world to address
17 environmental issues."

18 I'm extremely disappointed that NASA is not living up to
19 their vision and mission. NASA must adhere and begin the
20 promised cleanup plan set in the AOC and do this before you go
21 back to the moon in 2024.

22 The thousands of people that live around the hill will
23 never completely know if the cancers that have occurred or are
24 just developing are from the toxic soup of chemicals and
25 radionuclides of SSFL. They deserve a full and safe cleanup.



1 What we know today is that NASA and the Department of
2 Energy have a legal binding agreement to do a complete cleanup
3 of areas 1 and 2. Please apply the brilliant minds of NASA and
4 use your advanced technology to better our Earth home. Keep
5 your promise. Do what's right. Alternative A is the only
6 option that is feasible, the only option that I support.

7 **MS. SMITH:** My name is Angela Smith. I am a resident of
8 Woodland Hills, and seven years ago my then ten-year-old son
9 was diagnosed with cancer. And when I was in the hospital, I
10 put something on Facebook saying -- because there were so many
11 kids with the same sort of very rare cancer in our immediate
12 area and I couldn't understand why this was. And somebody
13 said, well, it's obvious why this is. It's about the Santa
14 Susana nuclear meltdown, which I knew absolutely nothing about.

15 So as a mother of a child with cancer, who thankfully is
16 now fully recovered and he's standing over there, I just think
17 it's an absolute disgrace, A, that the public doesn't really
18 know about the situation. I lived in Woodland Hills for three
19 years and knew absolutely nothing about the situation.

20 Well, it's absolutely unacceptable that the situation is
21 allowed to continue with a continuing contaminated site. It's
22 just absolutely beyond my -- it's beyond my understanding that
23 that could even be a possibility. In this day and age, it's
24 outrageous that nine years ago a cleanup agreement was reached
25 and it's still not happened. NASA are still denying. Tonight



1 NASA denied to me that they breached any deadlines. Their
2 defense was, well, we've never been fined for missing a
3 deadline.

4 In the meantime, people are getting cancer and people are
5 dying. And I know many children who passed away from cancer
6 from this immediate area. So I'm absolutely outraged, and I
7 just think that it's a shameful situation for anyone in
8 government making environmental policy to allow this situation
9 to continue. No matter what the cost, the site needs to be
10 cleaned up as fast as possible and the people who pussyfooted
11 around and taken all of this time should be punished, should be
12 penalized. These companies should not be allowed to put
13 profits before the health of the population.

14 Also, it's outrageous that this meeting was in this format
15 and that public comment wasn't available beyond just talking to
16 a court reporter, lovely as you are to talk to. But seriously,
17 it's a shameful situation.

18 **MR. RYDER:** Chico Ryder. I'm 17 now. But when I was 10,
19 I was diagnosed with cancer. And I used to play soccer on one
20 of the fields that are contaminated. And we attribute some of
21 that time on the fields to the reasons why I was diagnosed.

22 And, yeah, I just think it's outrageous that they're not
23 taking their responsibility to clean it up properly and in a
24 timely manner. And, yeah, I think they should maybe listen to
25 the people who want it to be cleaned up. And to me there are



1 multiple reasons, valid reasons, that it should be cleaned up.

2 (Conclusion of Recorded Material.)

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1 **NASA SSFL SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT**

2 **PUBLIC MEETING**

3 **WEST HILLS, CALIFORNIA**

4 **NOVEMBER 21, 2019**

5 **MR. BOWLING:** My name is William Bowling. I want NASA to
6 keep their promise with the AOC and adhere to Alternative A.

7 **MS. HUNT:** Melissa Hunt. I have a child who died of
8 cancer on Valentine's Day 1999, and I do not believe for a
9 second that it's because of SSFL -- or Santa Susana Field
10 Laboratory.

11 My husband worked there. He took a Geiger counter in to
12 work, and in no way, shape, or form was there any radiation.
13 He doesn't believe that that is why our child died of cancer.
14 It's because everybody's born and is going to die. So we're
15 not afraid of the laboratory, we are not afraid of the cleanup,
16 and we're grateful for all that NASA did for this country and
17 what Boeing did. And it's not their fault that people get
18 sick.

19 **MS. ROWE:** My name is Christine Rowe. I want to say that
20 I support the cleanup to Alternatives 3 -- or actually it's C
21 and D. The C is consistent with the 2007 consent order. I
22 believe the AOCs are not legal because they were written to
23 comply with the state law, SB 990, and SB 990 was found to be
24 unconstitutional. And, therefore, we need to go back to the
25 drawing board, and I believe all parties should be tied to the



1 2007 consent order.

2 So because of the increased soil volume that has been
3 discovered and -- my primary concern is risk. And I support
4 the letter from the federal EPA written to NASA in 2014 that
5 said they believe in cleaning up the radionuclides to
6 background and cleaning up the chemicals based on risk, and
7 that the site cleanup should be consistent sitewide because if
8 you clean up NASA and the DOE portion to one cleanup standard
9 and clean up the Boeing side to a lesser standard, than the
10 minute you have the rain or whatever, it will just become
11 re-contaminated. So you need to be consistent.

12 You also have to consider the impact on the community, the
13 EPA said, of the traffic, both on the local community and on
14 the receiving communities, especially consider that these
15 landfills are in environmental justice communities, and some of
16 the areas that these trucks are traveling, even locally, are
17 going through environmental justice communities.

18 We also have to consider the water. The soil -- the
19 amount of water that you have to hose down when you're digging
20 and hauling, the amount of energy, and the more diesel
21 emissions and all these things contribute to our greenhouse gas
22 emissions.

23 And so also I'd like to see this site cleaned up in my
24 lifetime. A suburban residential standard would take eight
25 years. The AOC would take 25. And I see just nonstop



1 litigation occurring right now. There was a lawsuit that
2 started in August 2013 that is ongoing and under appeal, and I
3 believe that has also delayed the cleanup of this site.

4 Again, my focus is to protect the residents of West Hills
5 and the surrounding communities. I'm a West Hills resident of
6 41 years. I did hear the tests, you know, engine tests and
7 stuff when they were going on from my home.

8 **MS. ALTENBERN:** NASA's draft SEIS is illegal, and it
9 violates the legally binding AOC cleanup agreement that was
10 made in 2010. The other alternatives being proposed in the
11 SEIS, alternatives B, C, and D, are not acceptable. They are
12 not protective of human or environmental health. The standards
13 being used in those alternatives do not protect ecological
14 receptors as NASA claims them to do.

15 NASA admits it has discovered there is much more
16 contamination than it previously knew, and yet what it's doing
17 is to propose cleaning up far less than it promised. So, you
18 know, that's kind of a nonsensical argument. What they should
19 be doing is sticking to the initial agreement that was made in
20 2010, which is to clean up to the lookup table values and to
21 agree to clean up the acreage that was initially promised.

22 So just to close, NASA must comply with the legally
23 binding agreement to fully clean up Santa Susana contamination,
24 and they are violating the AOCs. That is what the community
25 desires, and it's the only thing that's going to protect the



1 environment.

2 **MR. VALENCIA:** My is Ryan Valencia. I'm district director
3 for Assemblywoman Christy Smith. I want to thank NASA for
4 putting together this presentation for the community. This
5 type of engagement is incredibly important to ensure that all
6 the facts are out there and that -- we're glad that you have
7 diligently been working on getting an SEIS that takes in public
8 input.

9 Our position has been pretty clear, that we want our
10 federal partners to be working with our state partners as
11 strong as possible, that we try to reach a full cleanup, and
12 that the misconceptions do get straightened out. And that only
13 works when we have transparency such as what we see tonight;
14 however, what we do want to ensure as well is that the
15 obligations and promises that were made in 2010 to our state
16 partners is upheld and that soil remediation, that that money
17 is not a roadblock to ensuring the safety and health and
18 well-being of Simi Valley and the surrounding communities that
19 we represent.

20 **MS. KNACK:** Jeni Knack. I read something today, and it
21 was a document from the DTSC to NASA in 2012. And that
22 document basically told NASA when they originally put out their
23 EIS that considering different alternatives out of the AOC was
24 not allowed. They were instructed to figure out how to
25 complete the AOC but not whether to.



1 So we're back here again. Increased soil volumes or not,
2 it's still not permissible for NASA to change the parameters or
3 to even consider deciding their own cleanup, the extent of the
4 cleanup.

5 So I'm disappointed that we are here looking at misleading
6 alternatives. I took pictures of the posters last night, and I
7 was very upset that some of them contained falsehoods. So the
8 health and safety board is incredibly misleading. It says that
9 all of these alternatives have no difference in terms of health
10 risks for the communities. There is a board that says that
11 contamination does not go off site. But we know that that's
12 not true. We know that there are 57 exceedances just in two
13 quarters after the Woolsey Fire from the rains.

14 I don't know how it's allowed that they would put untruths
15 in print and present it to the community. I'm extremely
16 concerned. And the other thing that I'm concerned about is
17 that in their draft, the references to the appendices, there's
18 75 percent of those unavailable to the public to read. So I'm
19 concerned about not being able to read the fine print. Not
20 that most of the people in this room have time to, but it is a
21 NEPA infraction to not allow us to see how they're making their
22 decisions and what data that those decisions are based on.

23 **MS. WALSH:** Christina Walsh. I went to last night's
24 meeting, and I have read all of the report and about 230 pages
25 of the appendices. And I've seen most of the figures, and I



1 really appreciate the boundary -- I don't know how to describe
2 it other than, like, the southern notch of -- above COCA, which
3 would be just to the south of COCA that is beyond the boundary
4 that is also outlined as if it's going to be -- NASA's taking
5 responsibility beyond it's boundary. That was an area I found.
6 I'm very appreciative to Elliott and to Peter Zorba for taking
7 it seriously and making sure that it's still on the radar
8 there.

9 We could taste silverware when we were there. So I think
10 it's very important. I like Alternative B. I like the
11 concept. I actually described a similar idea, picking specific
12 constituents that you could do differently, do smarter, and
13 look at other levels. I'm still not altogether comfortable
14 with dioxin, especially, like, the TCDB congener. It's one of
15 the most toxic things known to man. I think that's one that we
16 need to look at that toxicity ratio on that.

17 Finally, the report itself and the summary, I appreciated
18 the summary. It made clear what's on the table, what decisions
19 are being analyzed. And I have read the Navigating NEPA, and I
20 think it's really sad that there's very few people that seem to
21 be sitting in this chair actually participating in the actual
22 process by shaping how the cleanup looks. To me, if you want
23 to be afraid of trucks and you want all the trucks forever and
24 ever and ever, that's simply -- it doesn't work. It's an
25 oxymoron, literally.



1 I don't want to be 80 years old when this is finally done.
2 I think that the most serious areas need to be removed using
3 trucks and that we need to look at other solutions in situ and
4 ex situ in order to reduce the number of trucks. Presenting a
5 false narrative about a conveyor belt over at children's camp
6 is, I think, even offensive because everybody knows that
7 studying that, we can spend millions, but nobody's going to
8 ever approve that, especially because there's already been
9 litigation with Brandeis, where they settled and received
10 millions of dollars and exchanged land. That's what the
11 northern buffer zone was. So the idea that they would then
12 approve toxic waste moving over the heads of babies, it just is
13 fake. It's a fake solution.

14 The transportation plan that was put out in the public
15 sphere sat out there incorrectly, a complete false narrative to
16 scare people about trucks and traffic, for five years. And
17 that was a great way to rile up the local neighborhoods to fill
18 an auditorium and make people afraid about being five minutes
19 late to work on Valley Circle. That map didn't even show the
20 orange line, it was so old. And it pretended that we would go
21 through Bell Canyon, a six percent grade. No trucks can do
22 that. Certainly not hundreds per day.

23 So I hope for real solutions. I think NASA has been a
24 leader in that way among the three parties, and I hope that
25 continues. This report is promising. But I also think that



1 the soil profile is very shallow, so I have difficulty with
2 buying the 870 -- the estimates, I feel, are exaggerated. I
3 think NEPA is misused in that way because all the responsible
4 parties know how to navigate it. And you exaggerate all the
5 impacts and scare the crap out of people, excuse me, and then
6 you can divide a community pretty well. And our community has
7 been divided for several decades thanks to that man telling a
8 completely false narrative, I think, about radiation here in
9 the NASA room.

10 So it's like come on. He wants it to be a glowing green
11 failure because that suits his narrative just fine. But I live
12 at the two-mile mark, and I would like a tangible -- not just a
13 paper cleanup that politicians wave around. I want a real one.

14 **MR. HIRSCH:** My name is Daniel Hirsch. I'm the retired
15 director of the Program on Environmental and Nuclear Policy at
16 the University of California Santa Cruz and president of the
17 Committee to Bridge the Gap, the organization which 40 years
18 ago disclosed that a partial nuclear meltdown had occurred at
19 the Santa Susana Field Lab that the government had kept secret
20 for 20 years up until that point. I've been working to try to
21 help the community get the site cleaned up ever since.

22 Yesterday, NASA prohibited members of the public from
23 testifying about the flaws in the Supplemental EIS and
24 physically blocked, putting their bodies between a PowerPoint
25 projector and the screen so that the testimony could not



1 include exhibits that would show how NASA was lying in its
2 Supplemental EIS and how it was breaking the legally binding
3 cleanup agreement it had signed in 2010.

4 This was supposed to be a public hearing. Public hearings
5 are generally in a large room with chairs, a hearing officer at
6 the front, microphones where members of the public get up to
7 speak, and where the rest of the public, the news media,
8 elected officials and their staffs can hear what is said. NASA
9 is so scared of public comment that they have turned this
10 hearing on its head so it's no hearing at all, just posters
11 with NASA people standing next to them and no ability for there
12 to be testimony of the sort that you have at a hearing.

13 And as I said, they physically blocked the presentation of
14 PowerPoint slides, turned off a PowerPoint projector that
15 people themselves had brought, and physically blocked the
16 public from being able to exercise its rights under the
17 National Environmental Policy Act.

18 And then, frightened about what I was about to reveal
19 about NASA's involvement in the fire that began at NASA's
20 property, burning all the way to the ocean because of NASA
21 having torn down a fire station that was a few feet away,
22 getting rid of the modern fire trucks, tearing down the two
23 million gallons of water tanks, fire hydrants, all of which led
24 what should have been a one-acre fire into almost 100,000
25 acres, destroying 1600 structures, and killing four people.



1 NASA was frightened about us revealing that and showing
2 the photographs of the fire station that they tore down and the
3 tanks they tore down, and so they prohibited the fundamental
4 right of showing that and then had roughly eight police
5 officers remove me from the meeting, where I was standing in
6 line about to be able to speak to you as court reporter. It
7 took a real act of fear on the part of NASA that the truth
8 would come out. The irony is that their actions to suppress
9 the truth will just make it much more well known.

10 Fundamental point, NASA signed a legally binding agreement
11 to clean up all the contamination, and they are now proposing
12 to ignore that legally binding agreement and leave the vast
13 majority of the contamination not cleaned up. Their argument
14 for doing so is that they've discovered new information that
15 there is 75 percent more contamination at the field lab than
16 they had known. Any logical person would say that that means,
17 therefore, they have to do more cleanup. But NASA is using
18 that as some kind of twisted excuse for -- (comment interrupted
19 by protestor).

20 Were you able to get any of that or not, his? It should
21 be part of the record because the person was criticizing the
22 way this is done, that no one can hear the testimony of others.
23 It's not a true public hearing. NASA is violating the National
24 Environmental Policy Act and is showing that it is terrified
25 that if the public could hear what it is doing they would



1 never, never accept it.

2 That contamination on their site is among the most
3 polluted places in the country. It's on top of a mountain,
4 with half a million people living within ten miles beneath.
5 And NASA's contamination keeps migrating off site and continues
6 to place children at risk of childhood cancer, adults at risk
7 of all sorts of health problems because NASA is breaking its
8 word.

9 If they had cleaned the site up by the deadline they had
10 agreed to 2017, the fire that occurred in 2018 couldn't have
11 released any contamination. But they haven't even begun to
12 clean up. And so the fact that there isn't a real hearing, the
13 fact that they blocked people yesterday from doing PowerPoint,
14 and today clever NASA has decided to put up its own projector,
15 shows that this is an agency that knows it cannot withstand
16 scrutiny and the only way it can function is a Soviet-style
17 puppet machine in which the people have no real ability to
18 speak out. It shows their fear of being -- their lies
19 disclosed. The tragedy is that people will die because of it
20 and the people who live near the site will be exposed to the
21 contamination that NASA now proposes to simply wash its hands
22 of and walk away from.

23 **MS. WALSH:** I wanted to show -- so there's two figures in
24 the -- so this one is the proposed Figure 2.2-1, Alternative A.
25 And this figure is Alternative B. It's Figure 2.2-2. And when



1 I looked at this one I was very pleased, and I wanted to show
2 you because I'm not sure how to say this. But see beyond the
3 NASA border, this area is what I call the sliver of Area 3.
4 I'm very pleased that they are taking responsibility and it's
5 on there. And this was the notch that I was talking about down
6 here to the south of the COCA.

7 But this is a shrunken outline from Alternative A. Right?
8 Which is the widest. But on that one, it doesn't go past those
9 boundaries. So my comment is that is inconsistent. And my
10 question is: Which one is true? Because either you take
11 responsibility on both or maybe not. That's my question. Why
12 is there a discrepancy in those.

13 **MS. REISER:** My name Caroline Reiser. I'm an attorney
14 with the Natural Resources Defense Council. And I'm here
15 tonight to represent the thousands of members that we have
16 located here in Southern California and their interest in a
17 healthy and clean environment.

18 The Santa Susana Field Laboratory is one of the most
19 contaminated sites in California, and it's really just one of
20 the many that are located across the nation. After decades of
21 housing nuclear reactors and test projects, releases and spills
22 have contaminated the soils, the water, and the buildings with
23 toxic and radioactive contamination. And that contamination
24 has not remained on site. It has migrated off site. And that
25 has led to workers and community experiencing cancer morbidity



1 and mortality rates that are higher than the average.

2 So NRDC has been engaged at this site for decades, and we
3 expect the federal government to clean up the mess that it's
4 made. We will remain engaged until that happens. We believe
5 California is taking the right steps currently. Governor
6 Newsome, the Department of Toxic Substance Control, and Cal EPA
7 are working to ensure that NASA and the Department of Energy
8 are meeting the requirements that these agencies agreed to
9 under the AOC, and these are binding legal requirements.

10 Unfortunately, with this Draft Environmental Impact
11 Statement, NASA seems to be ignoring those legally binding
12 requirements. But NASA has no authority to gripe about those
13 requirements. Even if the AOC did not exist, under the
14 Resource Conservation and Recovery Act, RCRA, NASA, as the
15 polluter, doesn't get to decide how much pollution it cleans up
16 and how much it abandons in place. Those decisions are in the
17 hand of the regulator, which is the Department of Toxic
18 Substances Control in California.

19 And this is not just a local issue. It's a federal issue
20 as well. We see federal agency polluters think that they can
21 adequately regulate by self-regulation. This is especially a
22 problem with radioactive contamination, which currently is a
23 privileged pollutant exempt from the standard environmental
24 laws. But self-regulation does not work, and it has to end.
25 So NRDC has put before Congress an idea to normalize



1 radioactive contamination under environmental laws.

2 Only with strong external regulation will sites like Santa
3 Susana Field Laboratory eventually be fully cleaned of toxic
4 and radioactive contamination.

5 **MS. HUFF:** Holly Huff. Well, I just want to make a
6 comment on this so-called meeting, because I don't consider
7 this a meeting. I don't like -- these board kind of meetings,
8 you're lucky if someone's standing there that could explain it,
9 and it's just not a meeting. I mean, you can't say things that
10 you would say about things that aren't true. I'm very
11 displeased with this setup. It doesn't work.

12 **MS. KOWALSKI:** Dawn Kowalski. I just want to say that I'm
13 very disappointed with this kind of format. You know, it's a
14 complete waste of time, everybody's time. And I just also
15 wanted to say that I was very disturbed that free speech was
16 stifled last night and a complete display of ridiculousness
17 took place when Dan was escorted out by eight Simi Valley
18 policemen. I mean, that was just wrong. He knows more about
19 the site than all of the NASA people put together and
20 multiplied by ten. He's brighter than most of them. And it's
21 just too bad.

22 NASA should be listening to DTSC. DTSC is meant to be
23 telling NASA what to do, not NASA trying to tell everybody else
24 what they're going to do. And they signed the AOCs, and the
25 AOCs need to be followed. And I'm disgusted with NASA.



1 **MS. RASKIN:** Dorri Raskin. First, I want to complain that
2 this is supposed to be a public comment period, and I think
3 it's not. It would be nice to hear what other people have to
4 say with their comments and then you could react. I also feel
5 very strongly that NASA's idea of doing the different options,
6 that that's illegal, that they signed a legal binding contract,
7 an agreement in 2010 that says that they have to clean up to
8 the AOCs. They can't choose which one. Polluters don't have a
9 right to choose which one to use. They have to do "A," AOC.

10 I'm concerned about the contamination that's going off
11 site. And I'm concerned about people getting various cancers.
12 I'm concerned about the chemicals, like Perchlorate, TCE,
13 dioxins, metals. And you get learning disabilities for
14 children, birth defects. Kids are getting cancers. And I feel
15 that the polluter has to take the responsibility to clean up
16 the site fully. They need to clean up to the AOCs. And they
17 can't leave anything here.

18 As I said, the way this is set up, it's bad for people who
19 have disabilities. It just should have been a meeting where
20 people do public comments.

21 **MS. MURPHY:** Janet Murphy. NASA, a publicly funded
22 entity, hosts public meetings at private venues, provides a
23 court reporter to receive testimony on the concerns of a public
24 document, circumventing the public forum process. Whereas the
25 public and those impacted by the non-cleanup of SSFL are unable



1 to hear from those that have analyzed the data, unable to share
2 our collective experiences and knowledge. It's a disservice to
3 our communities.

4 I and many are extremely disappointed by this seemingly
5 orchestrated event to silence those that want the full cleanup
6 and the legal binding AOC agreement which we want fulfilled.
7 Alternative A is still the only way.

8 **MS. DUFFIELD:** My name is Denise Duffield. The first
9 thing I want to do is object about the process for this
10 hearing. This is supposed to be a hearing for a legal
11 document. Nobody -- there's no sign here that even says "court
12 reporter." How are people supposed to know that they can
13 officially weigh in on something when there's nobody telling
14 them that you're even here.

15 How can people make informed comments on a document when
16 all there are is basically propaganda posters from NASA? How
17 can people make an informed decision when NASA refused to make
18 publicly available 75 percent of the references in the SEIS and
19 the appendices? That means they'll say according to this study
20 over here or this report over here, but they won't make it
21 available.

22 Even the Department of Energy made its references
23 available. And that's where we found a lot of dirt. They
24 would say natural attenuation, which is doing nothing, will
25 take 70 years for this chemical. And we would go find that



1 reference, and that's not at all what it said. So we can't
2 make informed public comment when NASA refuses to make
3 available 75 percent of the references.

4 Elected officials and the media can get no sense of where
5 the community's at by having us do this instead of us being at
6 a microphone and you typing. What NASA's doing right now is
7 illegal. They don't have the legal authority to decide. The
8 polluter doesn't get to decide how much of its contamination it
9 cleans up. That is through the Resources and Recovery Act --
10 Resources and Recovery Conservation Act, RCRA, delegated to the
11 regulator, DTSC. DTSC decides.

12 NASA signed a binding agreement to clean up all of the
13 contamination. Every single one of these alternatives violates
14 that. In 2012, DTSC Director Debbie Rafael sent a letter to
15 NASA telling them that if they were going to do an EIS, which
16 they do not have to do, per NEPA, because NEPA is triggered by
17 discretionary actions, this isn't discretionary when you signed
18 a legally binding cleanup agreement. So DTSC told NASA if
19 you're going to do this anyway, you are to make your document
20 about how you'll clean up to background, not whether to, and
21 you shall not consider any other alternatives. And they did it
22 anyway, not once, but now twice.

23 A recreational cleanup standard would leave 88 percent of
24 the contamination on site and would continue to keep nearby
25 communities at risk.



1 **MS. KLEA:** Bonnie Klea. I used to work up there. Got
2 cancer. In 2000, President Clinton passed a compensation
3 program for the Department of Energy workers. I helped all the
4 workers get their claims paid, over 4000 cancer claims. Some
5 workers had two cancers. And I even had the NASA people come
6 to my house. They were dying of cancer. They weren't covered.

7 But I can tell you that so many people got sick, and now
8 we've got our second round of babies who are sick. Our first
9 group of babies all were born with cancer in their eyes.
10 Boeing paid them. Made them leave. Made them leave the city.
11 And now we have a bunch of children, 50 so far that have been
12 counted and then she stopped counting, who have Leukemia.

13 With the workers, the number one cancer was lung. Number
14 two cancer was bladder. A lot us got sick in the same year,
15 1995. I've had a lot of people coming to me that had cancer,
16 bladder cancer, and I was told in negotiation with Department
17 of Labor and NASA that it wasn't related to our job. And I
18 said, well, you have to read the Beir study, Beir VII, which
19 has it in that book that bladder cancer is caused by radiation.
20 Beir VII definitely says in there that their studies of the
21 Japanese show bladder cancer was very radioactive, caused by
22 radiation exposure, even very small doses.

23 So that's what I've been doing for 25 years. And now I'm
24 very disappointed in NASA. Signed a cleanup agreement to clean
25 it all up, and now they want to cut it back. Very upsetting



1 because the mountain is 1000 feet above our houses. All the
2 canyons around that hill have been populated. Ran off in the
3 fires and the rains we just had. It ran off. Was in the
4 smoke. That smoke went everywhere. And it's going to keep
5 happening because I've been here 50 years, and that hill has
6 burned several times.

7 **MS. CAINE:** I'm Rhea Caine. Basically, I am super
8 disappointed in this EIS. In 2010, NASA signed an agreement.
9 They said they would have the site cleaned up by 2017 and they
10 would follow the AOC and the lookup table values. And now,
11 very similar to what we have tried to see the other agencies do
12 to get out of their commitment, they are proposing these
13 alternatives which are completely illegal. They signed their
14 document.

15 The EIS should be looking at how they can best achieve the
16 lookup table values and the Alternative A in this document, and
17 it should just have alternatives for how to mitigate any of
18 these issues they are claiming Alternative A has.

19 Furthermore, I have read some of the document. I've had
20 questions going around talking to people here at this meeting.
21 And often, when I am told answers, they are in reference
22 documents to the EIS, not in the EIS itself. When I ask to see
23 these reference documents, I'm told I won't get them for at
24 least another couple of weeks. So the comment period closes on
25 December 9th. And so I don't know how anybody's supposed to be



1 able to give an informed comment when we don't get access to
2 this documentation before the comment period is closed. It
3 just feels like another way that NASA is making sure that we
4 can't actually give comments on this extremely broken EIS.

5 **MS. DEZA:** Alysia Deza. I live in the east end of Simi
6 Valley in Corriganville on Smith Road. We have an active well
7 in our yard -- water well -- and after the Woolsey Fire, we had
8 our water tested, sampled. They did find Plutonium 239/240 in
9 our well water along with Strontium 90, regular Strontium. The
10 main thing is Plutonium is the most fearsome isotope known to
11 man on this planet, and it should not be there. And the only
12 place it could have come from is Santa Susana Field Lab.

13 We had a hair sample of my son done. He's in the 97th
14 percentile of Uranium. Strontium, Barium, different metals,
15 which should not be there. I mean, that doesn't have any
16 business being in my son's hair. He has multiple nodules on
17 his thyroid gland.

18 Our property's an acre, just under an acre. There are
19 four different individual thyroid problems. The lady who lived
20 there before for 23 years had thyroid cancer, died of Leukemia.
21 Animals and humans are different, yet similar. Our dog had
22 Addison's, which is thyroid disease. Had to have her put down.
23 She had rare cancer. I can't pronounce the name, but it's only
24 due to toxic chemicals. Our cat had hyperthyroidism, which is
25 cancer of the thyroid in cats, in animals. And then my son



1 having multiple nodules on his thyroid gland. Four different
2 ones on one property, that's not normal by any means. He also
3 has gastroparesis, which is very unusual.

4 Something needs to be done. I mean, this is not
5 acceptable by any means. It's not right. And our house is the
6 entrance to Corriganville, which is a wildlife reserve which is
7 also the entrance to the Boy Scout camp.

8 Manganese was over five times the amount. Manganese is a
9 neurotoxin, and it affects your memory. Can you tell? Your
10 memory, long term, short term, and brain fog, and it's not
11 always reversible.

12 **MS. HAMMERSLEY:** My name is Lauren Hammersley. I'm a
13 resident of Simi Valley. I've been living in Ventura County my
14 entire life. I was raised in Moorpark, California, and I've
15 raised my five children in Simi Valley less than three miles
16 from the Santa Susana Field Lab.

17 My daughter, Hazel, was diagnosed with a rare form of
18 childhood cancer. It's called neuroblastoma. It was in 2013
19 when she was only two years old. They don't know the cause of
20 it yet. They don't believe it's a hereditary thing. We tested
21 for all the mutations that would indicate it was a familial
22 genome issue, but it wasn't. So we're suspecting that it could
23 be environmental or something that happened when she was
24 developing in utero.

25 She got cancer for five years on and off. She had to face



1 it three separate times. She had to go through chemotherapy,
2 an eight-hour surgery, a stem cell transplant, which led her to
3 the ICU, where she almost didn't make it. She was sedated for
4 four weeks in a coma. Came out, she couldn't walk, she
5 couldn't talk. She had to relearn how to do everything. But
6 she made a full recovery.

7 Then she had to go through radiation, 20 different rounds
8 on a two-year-old's body. And then she had to go to
9 immunotherapy six months. And while it's new and innovative,
10 it's still harsh on her body. And we were told that even if
11 she was cured she had a 90 percent chance of having life
12 threatening side effects from the treatment she received to
13 save her life. That can include heart disease, fertility
14 problems, brain issues, kidney problems, all sorts of organ
15 failure.

16 And we thought we had it, but on the third time -- sorry.
17 On the third time, the cancer just grew beyond what we could
18 treat, and we lost her in March of last year at only seven
19 years old.

20 And during the time that she was in treatment, we met so
21 many families, and I was so thankful for the support system.
22 But what was really surprising was how many lived in my
23 backyard.

24 My friend Melissa, who you'll probably hear from tonight
25 and you may have heard from yesterday, she and I started



1 noticing how many kids in our neighborhoods had cancer.
2 Cancers that they shouldn't have. Cancers that were rare.
3 Cancers that were killing them. I've been to more funerals for
4 children than I could count, and I don't want to go to another.

5 But when we started to notice, we started to contact
6 people, and more and more people came and gave us information.
7 And we said that there is a cluster. We reached out to Hal
8 Morgenstern, who's an epidemiologist, and he did a study in the
9 '90s that indicated in adults there's a 60 percent higher
10 incidence rate of cancer in my community. They've never done
11 such a study for children.

12 So we've been trying to do it on our own. But when we
13 started to figure this out, we realized there must be something
14 that's causing it. And whether or not it caused my daughter's
15 cancer, I'll never know. Because she's not here, we're not
16 able to test her, her blood or her tumors anymore. But what I
17 do know is I am certain it has caused several in our community.
18 And I don't want any other family to face what we had to face.
19 Even those who haven't lost their children know that the life
20 of a child with cancer is something you don't ever want to live
21 with.

22 And so when we noticed that the Santa Susana Field Lab
23 didn't live up to the agreements that they were making to clean
24 up the site, we said we had to do something. So we come to
25 these meetings and we support the people who are fighting for



1 the health of our children and for our children's children.

2 And we are here tonight because it seems as though NASA
3 wants to back out of the AOC agreement and go with either
4 Alternative C or D. But they're not giving us any indication
5 as to why. They're just saying there are significant impacts,
6 but they're not telling us what those significant impacts are
7 with the AOC cleanup. And then we come down to Alternative D,
8 and they're saying there's no significant impacts, like this is
9 going to be better for us. But I ask my daughter, and I know,
10 that that's not better for my community.

11 So I wanted to be here, not to be an activist that scares
12 people away. I want to be somebody who says I care about the
13 children in my community, and what they're proposing to do does
14 not protect the children in my community.

15 **MS. BUMSTEAD:** My name is Melissa Bumstead. I am a
16 nine-year resident of West Hills. I would like to say how
17 disappointed I am in the presentation today. I feel very
18 insulted by some of the blanket statements that are made
19 assuming that I would not be able to understand the facts in
20 the data that has been used to make these decisions and that
21 it's not being disclosed by NASA to the public.

22 I may be a regular person, but I'm still intelligent
23 enough to understand when things are being hidden, and that
24 completely lowers my trust in NASA.

25 When I was seven years old, we got up at 4:00 a.m. to go



1 to Lancaster to watch a NASA shuttle land. My mom's close
2 friend was an astronaut on that shuttle. And it was the
3 highlight of my childhood. To not feel that I can trust NASA
4 and feel that they are not on the side of the children who look
5 up to them so much is a huge discouragement to me. That's my
6 sign said, "Et tu, NASA," because I feel like I've been stabbed
7 in the back by a close friend.

8 **MS. OSPINA:** Melissa Ospina. I lived at Rainey Road
9 in the Santa Susana Knolls, Simi Valley, 93063. And I lived
10 there when I was in my twenties, having children, and all of my
11 children were born with illnesses. And one of my daughters had
12 Hodgkin's Lymphoma.

13 My concerns now are that in the cleanup process there is
14 going to be recontamination because of airborne chemicals,
15 because of trucks not being covered properly, passing our
16 houses. In the past, when things were cleaned up on the hill,
17 I witnessed it being done improperly repeatedly, and I'm very
18 concerned about that.

19 And I'm concerned about my kids getting sick again. I
20 have kids with autoimmune disease. So I'm not very with A, B,
21 C, or D. I'd like to see everybody, as a community and
22 scientists and NASA and Boeing and Rocketdyne and Rockwell and
23 DOE, DTSC, EPA -- I'd like to see everybody actually work
24 together to come up with a solution that is safe for everybody.
25 Because for the last 32 years my family has just been being



1 subjected to chemicals over and over and over, whether it was
2 in the 100 percent well water that we were drinking -- and then
3 I moved away from that house into a different home only to find
4 out that Golden State Water is still adding the same
5 contaminated water into my home.

6 I just think that there can be another solution to it,
7 that we haven't found the right cleanup yet. I know that Simi
8 Valley means Valley of the Winds, and a lot of the chemicals
9 are airborne chemicals. I just don't trust that it's going to
10 be cleaned up properly.

11 And my kids and myself, we only get one life. And we
12 would like to choose our destination, not have somebody choose
13 it for us.

14 **MS. JAHNSEN:** Briana Jahnsen. So I kind of just wanted to
15 say I think it's really interesting and kind of, I mean, not
16 appropriate that they made an agreement to the AOC and they
17 have, like, signed a legally abiding contract and they broke
18 that contract, because it was supposed to be cleaned up by
19 2017, and they broke the contract with no repercussions. And I
20 think that's really interesting.

21 But it just doesn't make any sense to me why all these
22 other alternatives are seen as more positive than Alternative
23 A, which is the initial decision that was made on the cleanup.
24 It seems like there's bias with the other alternatives, because
25 it makes it a little easier, probably less expensive, whereas



1 Alternative A is going to be the safest option. Whereas
2 they're saying that Alternative A is going to remove too much
3 dirt and then it'll be hard to, like, rehabilitate all the
4 natural life that was there before when it doesn't really make
5 any sense because there's so much toxic chemicals that are left
6 on the property that I think it's harming the environment more
7 and the people surrounding that environment.

8 It just doesn't make any sense to me. But also, there's
9 so much evidence that there's all these families that have been
10 affected by the chemicals, from mothers with their kids having
11 cancer and all these diseases that are coming up from
12 surrounding areas. It's very clear that it is dangerous, but
13 they're making it seem like it's not.

14 Another thing that I wanted to mention, though, is the
15 public hearing situation, how it's one on one with a court
16 reporter versus having people go in front of the public and
17 speak, it seems like they're hiding something by not giving
18 people that opportunity to speak to the public and to speak to
19 the officials and get their opinion comments back. And when we
20 asked the people that are standing in front of these boards,
21 they said that this would be a more intimate way of discussing
22 things. But it sounds like it's just to keep everyone from
23 hearing the truth of what people's opinions are.

24 **MS. DEZA:** Alysia Deza. I want to tell you to tell these
25 people to clean this up. In all seriousness, I want



1 Alternative A. Period. Because I'm just too sick and tired.
2 It's not cool. Everybody I meet anymore has cancer or has had
3 cancer, or they know somebody. One of their family members
4 have passed from cancer. Their animals have passed from
5 cancer. I mean, my son and I, my family, knock on anything, we
6 don't have cancer that we know of yet, because we've had many
7 health issues. And this is not the new norm. I refuse to
8 accept that this is the new norm. It's not. Anywhere else,
9 it's not like this.

10 I live within a mile to two miles from the Santa Susana
11 Field Lab. I also live 6.3 miles of Aliso Blowout Well SS-25.
12 I'm downwind of it. So I'm getting double dosed where I am.

13 **MR. TROY:** David E. Troy III. The procedure of this
14 meeting, public meeting it's termed. My understanding is that
15 environmental impact statements have requirements concerning
16 public hearings. If this is intended to take the place of a
17 public hearing, it is a fraud.

18 There are many things deficient in this kind of a meeting.
19 I, as a public citizen, come here expecting to listen to
20 professionals who speak. And I'm not listening to the
21 professionals of the community. All I get are the defendants,
22 basically. We're talking about a polluter talking to us. And
23 I don't get to hear the other side.

24 Now, I understand I can wait until the final paperwork
25 comes out and it will be able to be read. And that doesn't get



1 it. I want to hear what other people are saying. I learn by
2 that. I have heard testimony about people who've died from
3 different things.

4 Now, off site, I actually have learned about, for example,
5 there's a garden just downwind from there, the Orcutt Ranch,
6 which is a recreational spot now owned by, I believe, the city,
7 maybe the county. Every member of that family died of cancer.
8 Oh, dear me. Maybe just a coincidence.

9 Well, now, the NASA site has different chemicals, and I
10 might do a second comment with regards to the NASA site itself
11 specifically. But people talking and giving these hearings,
12 and listening to the people talk, teaches us. Also helps us
13 with by listening to the professionals that do comment.

14 I believe that this contaminated site needs to be cleaned
15 up 100 percent. The games being played are very good at making
16 it difficult to figure out. I can't see why our population
17 here -- I am ten miles as the crow flies from this place. This
18 is my water. When the Santa Ana winds blow, this is my air, my
19 dust. I don't see why I have to live with this contamination.

20 **MR. CAREY:** My name is David Carey. My family owns
21 property just above us here in Dayton Canyon, very close to the
22 boundary of the SSFL. I'm familiar with the SSFL layout. I've
23 seen a lot of things that are on exhibit here. I've been to
24 the Burro Flats cave. I've seen the rocket test stands. I've
25 seen the burn pits. And I've got a feeling for where things



1 are generally. I don't know it as well as probably some people
2 do, but I know how, you know, the water drains and the canyons
3 flow and, you know, all that kind of stuff.

4 My concern is I'm hoping that NASA doesn't follow the
5 example of what contaminated land has typically been turned
6 over as parks. I've seen it happen over here at Chatsworth
7 Park South. That used to be the Roy Rogers kind of a fun area
8 back in the '50s. There was a shooting range there. Buckshot,
9 clay pigeon shooting range. There was trout ponds, catfish
10 ponds, a golf course. Kind of hiking trails, horseback riding.
11 And the City of L.A. took ownership of it when the Roy Rogers
12 family decided they wanted to let go of the property, and the
13 City of L.A. just took over the land without cleaning it up and
14 turned it into a park.

15 Twenty years or so later, I was at a DTSC meeting
16 discussing the SSFL, back like in 2007 or so, and they were
17 saying there's a shooting range next to the front gate up at
18 SSFL that was needing to be cleaned up. A lot of buckshot, you
19 know, here and there, and I saw that. It's near Sage Ranch on
20 the border of Boeing, and I walked that property with DTSC
21 before, and I was scratching the side of my head saying, you
22 know, you guys, that's small potatoes to what we have at the
23 end of Devonshire Street in Chatsworth at Chatsworth Park
24 South. That is where Roy Rogers had a shooting range with
25 multiple stations, where they would blast the clay pigeons out



1 of the sky.

2 And when I was growing up there, there would be literally
3 yards deep of lead near the tree wells, where the water would
4 erode around the tree. There would just be yards and yard of
5 buckshot and clay pigeon pieces, a conglomerate mixed. And at
6 one point in time before the City of L.A. took ownership in --
7 I believe it was '73, we had some pretty good rainstorms where
8 the City was trying to grade it to be a grassy glade, the
9 shooting range park. Well, a big rain came. After, you know,
10 20 inches of rain or whatever it was, it picked up this
11 conglomerate, the material of clay pigeons, mud, buckshot, and
12 moved it out the front entrance of the park, down Devonshire as
13 far as Topanga Canyon where the elementary school is at.
14 That's where I was attending.

15 So what I'm saying is I know that this idea of turning
16 contaminated land into parks equals the park not getting
17 cleaned up properly and being dealt with later down the road.
18 I've seen it at the Wiley Canyon, in Towsley Canyon on the
19 Santa Clarita side of Oat Mountain. There's an old oil field
20 there that Chevron took over, and the county took over that
21 land as a park. And to this day, they consider it artifacts,
22 historical park, and they leave the oil pits for the kids to
23 wander into on a mountain bike, hiking, trail running, open.
24 And since it's an artifact historical park, they leave the oil
25 out, this contamination out, as is, for, you know, the



Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Abbie Roberts

Pooler, GA 31322

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:22 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

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Sincerely,

Abdul Halimi

Huntington Station, NY 11746

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

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SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Abigail Thurlow

Winn, ME 04495

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Acacia Saric

Topanga, CA 90290

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Addie McLaurin

Rock Hill, SC 29730

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Adelheid Koepfer

Wallingford, CT 06492

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:32 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Adrienne Murillo

Thousand Oaks, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Agnes Pollay

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Airha Cueto

Mount Prospect, IL 60056

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alejandra Murillo

San Fernando, CA 91340

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alexandra Williams

gambrills, MD 21054

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alexis Daniels

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 3:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alexis Jones

, CA

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alexis Laserna

Laurence Harbor, NJ 08879

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alexis Schlosser

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alexis Taylor

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:46 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alisha Adams

Lakeside, CA 92040

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:20 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Alison Kinney

Alison Kinney

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Alison Oei

Simi Balley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Alexandra Sanchez
Simi Valley
, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Alison Sutton

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 6:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alixandre Wilkins

Gig Harbor, WA 98335

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Allan Boggess

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:48 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Allegra Siman-Tov

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

alyssa dierkes

baltimore, MD 21202

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 11:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Alyssa Hernandez

Fontana, CA 92336

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 4:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amanda Andre

Westlake village, CA 91361

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amanda Kozak

Bernville, PA 19506

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 6:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amanda Vicker

Westlake Village, CA 91362

Gordon, Annette/DEN

From:
Sent: Wednesday, December 18, 2019 3:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amber Lopez

, Other

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amber Saniatan

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ameenah Kwara Richards

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 4:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amelia Graham

Bloomington, IL 61701

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 8:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amelia Mars

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:00 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amy Buelow

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 4:52 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amy Colli

Chambersburg, PA 17201

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amy Gibson

Minnetonka, MN 55345

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amy Lopez

West Hills, CA 91307

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amy Tellez

Odessa, TX 79764

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Amzie Mattson

Simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Anca Barjohanu

, CA

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:16:18 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andrea Jaramillo

Central Islip, NY 11722

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

ANDREA MARQUEZ

THOUSAND OAKS, CA 91360

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andrea Massi

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 10:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andrea Moeller

Glassel Park, CA 90065-4348

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andrea Moskowitz
West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andrew Silver

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andria Letsos

Toronto, CA M4K2G1

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 3:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

In today's climate, I don't expect that writing a letter will do anything at all. But what other recourse is there...

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andy Adle

Canoga Park, CA 91303

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Andy Rodriguez

reseda, CA 91335

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Angela Aston

Clementon, NJ 08021

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:16:25 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Angela Creaghe

Bay st louis, MS 39576

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 8:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Angela DAurizio

Saint James, NY 11780

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Angela Gardner

Whittier, CA 90604

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 10:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Angela Pina

Oxnard, CA 93035

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:16:55 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Angela Sanchez

Miami, FL 33175

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Anita Yosef

West hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:38 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ann Conway

New York, NY 46615

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:30 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Anna Allman

Pharr, TX 78578

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Anna Engelhardt

, IN

Gordon, Annette/DEN

From:
Sent: Thursday, January 9, 2020 7:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Anna Marie Russo

Porter Ranch, CA 91326

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 9:10 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Anne Call

San Jose, CA 95121

Gordon, Annette/DEN

From:
Sent: Sunday, December 8, 2019 3:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Annelies Heylen

Mortsel, Other 2640

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Annell Schmutzler

Lompoc, CA 93436

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Annika Squires

New York, NY 10003

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Anton Borisov

Moscow, Other

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 5:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

April Dalton

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

April Mcguire

Simi Valley, CA 93065

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:16:21 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Armando Rendon

Pasadena, TX 77506

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Cibelli

Thousand Oaks, CA 91361

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:48 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Gluhanich

Milford, CT 06460

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Gonzalez

Davie, FL 33325

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Hanna

Geneva, OH 44041

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 9:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Julian

Minneapolis, MN 55414

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Marsh

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 11:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Pedone

Westlake Village, CA 91361

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 9:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Prater

Chillicothe, OH 45601

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashley Tamez

Bothell, WA 98012

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashlie Passen

Encino, CA 91316

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:48 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ashwin Trivedi

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Athena Vlachos

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Barbara Leighton

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Barbara Mueller

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 5:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Barbra Davalos

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:38 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Barvie Koplou

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:48 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ben White

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Beth Masciave

Fate, TX 75087

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Betty Azarkman

Woodland hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:56 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Bill Essling

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Bonnie Ramey

Valencia, CA 91354

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brad J Abraham

Neenah, WI 54956

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brandy Brown

Waldorf, MD 20602

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brandy Horne

Colorado Springs, CO 80922

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Breeana Roseman

Philadelphia, PA 19116

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brenda Duenas

Gurnee, IL 60031

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 12:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brenda Scott

Atlanta, GA 30310

Gordon, Annette/DEN

From:
Sent: Tuesday, December 31, 2019 3:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

BRENNA GUTELL

OAK PARK, CA 91377

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Bret Temple

Northridge, CA 91324

Gordon, Annette/DEN

From:
Sent: Saturday, December 7, 2019 7:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brian Jolly

Des Moines, IA 50317

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brian Reed

San Diego, CA 92128

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 8:40 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brian Seligman

Victorville, CA 92395

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brianna Deloughery

Philadelphia, PA 19149

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 12:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Bridget Crocker

MALIBU, CA 90265

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Bridget Dougherty

Bridget Dougherty

Monrovia, CA 91016

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brittany Dunn

Middlesboro, KY 40965

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:40 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Brittany Graber

Brittany Graber

Elgin, IL 60124

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brittany Griner

Macon, GA 30204

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:56 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Brittany Schultz

Brittany Schultz

Poway, CA 92064

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brittney Dunbar

Bolingbrook, IL 60440

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brittney Reeves

Monroe, NC 28112

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brooke Brunscher

Alpharetta, GA 30005

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:02 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brooke Lough

El Cajon, CA 92021

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Brooklynn Hall

Albuquerque, NM 87109

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Bryan Andujo

Vacaville, CA 95688

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Caitlyn Maryon

Maroochydore, Other 4680

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Camille Davenport

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Camille Reinecker

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Candace Barbiera

Palmdale, CA 93551

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Candace Jones

Norwich, CT 06360

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Candice Garnand

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Cara Shapiro

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:10 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Carey Templeton

Des Moines, IA 50321

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Carla White

Norfolk, VA 23513

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Carly Seefong

Massillon, CA OH

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Carly Smith

Colchester, Other Co20ad

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Caro Garcia

, CA 91361

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 5:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Carol Esqueda

Westlake Village, CA 91361

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Carolina Oliva

Auburn, AL 33629

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Caroline Goodfriend

Phx, AZ 85016

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Carrie Scott

Fort macleod, Other T010z0

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cassandra Moreno
Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cassie Valentine

Midland, TX 79705

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cathryn Polimeni

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cayla Burkhart

Akron, OH 44319

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 7:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cecilia Ball

Manhattan Beach, CA 90266

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Celina Goodman

Palmdale, CA 93550

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:04 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Cerys Powell

GAINSBOROUGH, Other DN21 2JA

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Chantal Palmer

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Friday, December 13, 2019 11:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I was living in the time of the first and worst nuclear disaster ...well, as far as we know, right. It is time for someone to take responsibility and ownership for this complete fiasco and just actually Clean It Up.

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

Don't pass this to your children's generation to deal with. We already had no access to our groundwater in the West Valley for decades...let's get this done.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Charles Flynn

VAN NUYS, CA 91401

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Charmaine Gobo

Thousand Oaks, CA 91362

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Chelsea Halbert

Broken Arrow, OK 74012

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 11:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Chelsea Thompson
Little Rock, AR 72202

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Chelsey Visic

, FL

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 11:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Cheri Anderson

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Monday, December 9, 2019 12:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Cherie Fernandez*

Galveston, TX 77550

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

China Crocker

Bolingbrook, IL 60490

Gordon, Annette/DEN

From:
Sent: Friday, January 10, 2020 11:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Chris Cano

Oxnard, CA 93030

Gordon, Annette/DEN

From:
Sent: Friday, December 13, 2019 9:42 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

chris jacobson

oak park, CA 91377

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Chris Ramirez

Ontario, CA 91764

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Christina Kantor
Fresno, CA 93710

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Christina Kirkpatrick

Mission Viejo, CA 92692

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Christina Mesropyan

, CA

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Christina Ornelas

SIMI valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Christina Perdigao

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Christine Johnston

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Christine Kerrigan

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cindy Afable

Somerton, AZ 85350

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cindy Leeds

Tarzana, CA 91335

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Cindy Munoz

Brandon, FL 33511

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cindy Rea

Los Angeles, CA 90003

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 3:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cindy Troutwine

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Claire Patishall

Pendleton, IN 46064

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Clint Matkovich

Thousand Oaks, CA 91369

Gordon, Annette/DEN

From:
Sent: Sunday, December 8, 2019 9:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Coco Salazar

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Colette Erke

West Hills, CA 91307

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Colette Thiel

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:56 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Colin Swanson

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:20 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Colleen Conklin

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Corey De la rosa

Hemet, CA 92545

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Corrine Marconi

Wheaton, IL 60187

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Corinne Torres

Cabazon, CA 92230

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Courtney Hogan

Plainfield, IL 60544

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cristina

Cristina Boykins

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cristina Ruiz

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Crystal Provenzano

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Crystal Shaw

Lakeside, CA 92040

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 11:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cyndi Colonna

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:52 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cynthia Gardner

Ventura, CA 93001

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cynthia Gargiulo

SimiValley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cynthia Reinecker

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Cynthia Strout

Hollis Center, ME 04042

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:32 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Danelle Larsen

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dani Rugama

Flemington, NJ 08822

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Daniel Alvarado

Daniel Alvarado

Long Beach, CA 90802

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Daniel Templeton

BEDFORD, CA MK45 3WX

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 11:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Daniela Aguirre

Pharr, TX 78577

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Daniela Hurtado-Mur

Miami, FL 33196

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Danielle Henderson

Wake Forest, NC 27587

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 7:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Danielle Jacobs

Racho Palos Verdes, CA 90275

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Danielle Mana

Glendale, CA 91205

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Danielle St Germain

Anaheim, CA 92805

Gordon, Annette/DEN

From:
Sent: Friday, January 10, 2020 7:08 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Danna Zubia

Lithia, CA 33547

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Darrian Springsteadah

Vineland, NJ 08360

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am extremely concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of Santa Susana Field Lab not cleaned up. This contamination includes highly toxic chemicals such as various hydrocarbons (many of which are generally not naturally occurring), perchlorates, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around the Santa Susana Field Lab.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at the Santa Susana Field Lab.

NASA must live up to the law (just as the citizens of the country must) and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure from the Santa Susana Field Lab's dangerous contamination.

Sincerely,

DAVID BICKEL

REYNOLDSBURG, OH 43068

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

As a physician who spent my entire career in California in the field of public health, I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab. It proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Dassey MD MPH

Los Angeles, CA 90027

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am really scared and concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Drum

Los Angeles, CA 90041

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Ferguson

Santa Susana, CA 93063

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 11:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Katz

Arvada, CO 80005

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 8:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Katz

Arvada, CO 80005

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Levy

Carlsbad, CA 92009

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, if they are not going to go thru with it, you should resign in protest.

I expect more of a Marine.

Sincerely, David Lutness

David Lutness

Valencia, CA 91355

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Marote

Canoga Park, CA 91303

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

David Pietraz

Peoria, AZ 85345

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 7:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

dawn rosenquist

LOS ANGELES, CA 90035

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dawneeta

Kirkland, WA 98034

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dayana Olive

MIAMI, FL 33136

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I appreciate all the work that you do. I am pleading with you today and urge you to not let NASA break it's agreement with their cleanup at the Santa Susana Field Lab in town of Simi Valley, California. Why is it always a fight to get agencies to clean up their messes? If we let NASA go on this, then we have no one left who really cares for the clean up. Boeing has and is always trying to get out of their clean up- Department of Energy, as well. In the past we could at least count on NASA.

NASA's Draft Supplemental Environmental Impact Statement for cleaning up the contamination at the Santa Susana Field Lab proposes leaving up to 80% of the contaminated soil on NASA's portion of SSFL. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area (residents of Simi Valley, like myself and my family, the San Fernando Valley, Calabasas, Agoura, Oak Park, Westlake, and Thousand Oaks). Studies have shown a higher cancer rate of people living within a two mile radius of this site. It would be negligent of any organization to not clean up their site and clean it up for good.

Please stand on the side of caution and for the people that live around this area help to make them feel reassured that the health of our environment and our bodies mean more to you and your organization than money.

Sincerely,

De Anna Goldberg
Resident of Simi Valley, CA

De Anna Goldberg

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 5:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

DeAdriane Johnson

Los Angeles, CA 90019

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

De'Andra Wizzart

Orlando, FL 32821

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 2:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Debbie Fagan

Yorba Linda, CA 92886

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Debbie Fogel

Van Nuys, CA 91402

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Deborah Brown

Romeoville, IL 60446

Gordon, Annette/DEN

From:
Sent: Wednesday, January 1, 2020 6:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

deborah dugger

show low, AZ 85901

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Deborah Fischer

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:00 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Deborah Goldsby

Woodland Hills, CA 91364

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Deborah Stouffer

Chambersburg, PA 17202

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Debra Block

Thousand oaks, CA 91369

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Debra Trevino

Rancho Santa Fe, CA 93067

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dee Del Nero

Ventura, CA 93004

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 12:04 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Deirdre Bolona

Porter Ranch, CA 91326

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 5:26 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Deirdre Shoemaker

Malibu, CA 90265

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 7:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

DeLynn Morgan

West Hills, CA 91307

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Denise Holter

Hartford, CT 06112

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Devon Rathbone

Wabasca, AB T0g2k0

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Devyn Major

Anderson, SC 29621

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Diane Buxo

Wethersfield, CT 06109

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

diane hakim

Beverly Hills, CA 90210

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 5:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Diane Smith

Los Angeles, CA 90049

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dollene Spencer

brooklyn, NY 11226

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 6:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

donald dickerson

Pacific Palisades, CA 90272

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Donald Emery

Orange, CA 92865

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Donna Cabrera

Thousand Oaks, CA 91362

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Donna Dyer

Westlake Village, CA 91362

Gordon, Annette/DEN

From:
Sent: Friday, January 10, 2020 2:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Donna Shaw

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dori Mittner

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dorina Timbol

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:22 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dr Anne Decker

Rye, NH 03870

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 9:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] My comments: Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

As a very concerned American citizen and taxpayer, I am deeply disturbed by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Dr, Mha Atma S Khalsa

Los Angeles, CA 90035

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:48 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

As a health professional, and epidemiologist, the first recipient of the Peace award from the American Public Health Association, and a mother, I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL. There Is No Safe Level of Chemical and Radiation.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to Total clean up all of the contamination at SSFL, not just a portion.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination. Do the right thing, and keep our people especially kids safe!

Sincerely,

Dr. Farideh Kioumehr

Sherman Oaks, CA 91403

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Elaine Benjamin

Elaine Benjamin

Alpine, CA 91901

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:15:49 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Eleanor Powell

Saint paul, MN 55102

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Elizabeth Holman

Porter Ranch, CA 91326

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Elizabeth Kazmierczak

Downers Grove, IL 60516

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Elizabeth Portillo

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:54 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ellen Parker

, NJ 07438

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ellie Winnerkrans

Westlake Village, CA 91361

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 2:46 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Emilia Madalina Calma

Bucharest, Other 052439

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Emilie Hennig

Waterloo, ON N2K 4A8

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

emily boyd

Longview, TX 75603

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Emilly Campos

Marysville, WA 98270

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Emma

Emma Lynch

Janesville, WI 53546

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Erica Muller

Burbank, CA 91505

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

As a long time resident of Northridge & Chatsworth CA communities with also many family members still living in the area, I want to express my concern about the debacle that occurred many years ago that has left me with a dead thyroid gland and many of my friends and family members who have died of rare cancers from this area:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Erika Bratschie

Lancaster, CA 93536

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Erika Root

Charlotte, NC 28213

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Erin Atkins

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Erin Barnett

dallas, TX 75229

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Eva cetta

Eva Cetta

, CA

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Fernanda Monteon ibarra

Agoura Hills, CA 91301

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Frank Salinas

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Franki Mignosi

Franki Mignosi

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:38 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Gabriella Cristelli

Sewell, NJ 08080

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Gail Baltaxe

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Monday, December 9, 2019 12:30 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL. Children's lives are at stake!

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Gail Caswell
San Francisco, CA 94109

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

THIS IS CRITICAL!

Sincerely,

garry star

Thousand Oaks, CA 91362

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

Growing up, I was totally inspired by the work being done at NASA and constantly wrote to the Space Program for information on projects, spacecraft and the astronauts. Now, I have to despise NASA for its position to harm our children by not cleaning the area where NASA tested equipment for the space program. The decisions by NASA to continuously avoid this cleanup is a disgrace to the program.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Gary Schwimmer

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Gena Rios

Santa Paula, CA 93060

Gordon, Annette/DEN

From:
Sent: Saturday, December 7, 2019 11:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Georgia Forgo

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ghida Zahr

Dearborn Heights, MI 48127-3363

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Gina Zacher

West Hills, CA 91307

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Grace Shanahan

La palma, CA 90623

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Greg Beery

Greg Beery

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Monday, December 16, 2019 12:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Hannah Cockerton

, Other NG9 6AX

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 6:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Hanriette Resnik

Hanriette Resnik

Simi Valley, CA 91306

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 4:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Harriette Jensen

Oakland, CA 94619

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Heather Davidson

Camarillo, CA 93012

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Heather Gibson

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 4:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Heather Gibson

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

heather lee

moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Heather Lindstrom

Thousand Oaks, CA 91362

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Heather Reddick

Blytheville, AR 72315

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Helene Burns

Maplewood, MO 63143

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 7:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Hilary Milner

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Hollie Sanders

LA, CA 927HW

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Holly Huntley

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 2:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ian Minns

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Inna Finkelshteyn

Inna Finkelshteyn

Greenbrae, CA 94904

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Inyang Bassey

BROOKLYN, NY 11225

Gordon, Annette/DEN

From:
Sent: Sunday, January 12, 2020 1:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Iris Edinger

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Isabel Jensen

Clearwater, FL 33761

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Isabella Micone

Reno, NV 89509

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Izabella Quinones

Montebello, CA 90640

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Don't be such a fool and clean up this disaster! Seriously get a grip! NASA has the money so get to it!!

Sincerely,

Jadine E Leecocke

Jadine Leecocke

Antrim, Other BT41 3JZ

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jaime Semsch

Simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 6:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Jaime Siraton

El Cajon, CA 92019

Gordon, Annette/DEN

From:
Sent: Sunday, December 8, 2019 2:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

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Sincerely,

Jake Hull

, CA

Gordon, Annette/DEN

From:
Sent: Saturday, December 7, 2019 8:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Jake Orlan

Skokie, IL 60077

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jaki Amos

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Friday, December 13, 2019 1:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
James Provenzano

James Provenzano

Los Angeles, CA 90049

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jamie Aboulafia

Gilbert, AZ 85234

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

jamie berens

Dorr, MI 49323

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:54 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jamie Dammann

Flushing, MI 48433

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jamie Lifsey

Valley Village, CA 91607

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jamie Solow, PhD

Culver City, CA 90230

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jananne Hayes

Los Angeles, CA 90025

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 2:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Janay Hodges

Janay Hodges

Ludington, MI 49431

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jane Bandler

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:21 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jane Elller

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 10:33 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab

While it's great that NASA has announced it intends to clean up 100 percent of its portion of the toxic waste at Santa Susana Field Lab, I'm opposed to the misinformation and lies that NASA asserted during the public hearing last week.

Posters were displayed depicting false and even harmful information while disallowing public comment. The lies about the quantity of soil required for the cleanup are one distinct example of such misinformation. The use of force, in summoning 8 police officers, was unnecessary and an attempt to stifle those who've been working on getting Santa Susana for years now. For a U.S. government agency to lie to the public, and then to remove peaceful protesters, is appalling.

The actual reality is that it's unacceptable to leave ANY carcinogenic waste in an area so close to the local community. How many more children must die before this reality is embraced and corrected?

Sincerely,

Jane Miller
Vienna, IL 62995

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:32 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jane Rudosky

Edmonton, CA T6j 0l3

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 6:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jane Wallace

Monterey Park, CA 91754

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Janelle Sawelenko

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Janesya Gonzalez

, NC

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Janet Nunan

Alamo, CA 94507

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 6:46 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Janet Swingle

Canton, GA 30115

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 9:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL. There are families with children that are being exposed to these very toxic chemicals and this needs to be cleaned up to prevent any more contamination.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL. Please stick to your signed agreement to clean up this environmental disaster.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Janice Nardella

Janice Nardella

Porter Ranch, CA 91326

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jasen Frisby

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jasmin Baluran

Chicago, IL 60631

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:18:09 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jasmine Peralta

Carson, NV 89706

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jasmine Wiese

simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jason Barenblatt

Jason Barenblatt

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jay Kapitz

Oak Park, CA 93001

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

A form letter follows this paragraph. If you were to visit my house and had an accident in the bathroom, I would expect you to clean it up for two reasons. You we responsible. Secondly, it stinks.

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jay Rodriguez

Memphis, TN 38117

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:10 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jazmine Huckaby

Goodyear, AZ 85338

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 3:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jean Dannelly

Des Moines, IA 50316

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jean Morawski

WILLITS, CA 95490-9786

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jeff Rios

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jennifer Liepman

Oak Park, CA 91377

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jennifer Lindsey

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jennifer Malman

Valley village, CA 91607

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jennifer Martinez

Camarillo, CA 93012

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jennifer Munoz

Raleigh, NC 27615

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 3:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jennifer Vazquez

Phoenix, AZ 85053

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jennifer Wallace

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 5:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jesicah Grossman

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessalyn Pina

West hills, CA 91307

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 12:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I really want Simi Valley cleaned up of all contamination and hazardous material for myself and my families health. Please do the right thing and help get it cleaned. I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Jessica Ciulla

Jessica Ciulla

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I would love if you could take some time to read this. I know you may receive tons of messages with the same information, but I just have one thing to say. In the midst of so many tragedies, hunger, poverty and unfortunate events that we cannot control, you can control this. Be the better person, be a powerhouse, make a move. Control it.

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessica Dos Santos

, CT 06810

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessica Dubois

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessica Perez

Whittier, CA 90601

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessica Resciniti

Hawthorne, NY 10532

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 10:08 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL. I have lost friends and their children to cancer that is directly because of this contamination. People who live in a 20 mile radius to SSFL have a 60% higher chance of getting cancer than the rest of the country. People, especially children are being diagnosed with rare aggressive cancers only seen in adults normally. There's streets with cancer clusters. That 20 mile radius includes myself, my family and everyone we know and love. Please help be the solution to these innocent children's suffering. Be the hero we all desperately need.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessica Seifert

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Thursday, January 9, 2020 10:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessie Clark-Schermer

Bend, OR 97701

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jill Bristow

Canoga Park, CA 91303

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jill Elsemore

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jill Majeres

West Des Moines, IA 50265

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 4:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Jim Loveland

Gulfport, FL 33707-3327

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 5:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jim Loveland

Gulfport, FL 33707-3327

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 7:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jo Ann Pierce

Canton, GA 30114

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jo Anna Shuba

Perry hall, MD 21128

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Joanna Hammond

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:08 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Joanne Doherty

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

I am a former resident of the San Fernando Valley. I feel that it is unconscionable for this area to have been contaminated in the first place. I am in agreement that there needs to be a full and thorough clean-up of this site. Sincerely,

joanne katzen

Aptos, CA 95003

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jocelyn Fox

, CA

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jody Anderson

La Crescenta, CA 91214

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Joe Ayala

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 1:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

joeie wolkenstorfer

simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

John Burke

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

John Cybulski

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

John Kovak

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Friday, January 10, 2020 11:28 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

John McMillan

Ojai, California, CA 93023

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jolana Knupp

Thousand Oaks, CA 91362

Gordon, Annette/DEN

From:
Sent: Sunday, January 12, 2020 2:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Johnathan Zhao

Los Angeles, CA 90033

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jordan Speshock

Moriah, NY 12960

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 1:04 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Joseph Capolupo

SAN PEDRO, CA 90731

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:16:19 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Josiah Edwards

Richmond, VA 23223

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 9:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Josie Kinnear

BURBANK, CA 91506

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Joy Godfrey

Albuquerque, NM 87109

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Joy Krone

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:40 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Judith Gambino

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Julia Bradley

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Julia McLellan

New Orleans, LA 70118

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Julian Yerena Jr

Parlier, CA 93648

Gordon, Annette/DEN

From:
Sent: Sunday, December 8, 2019 6:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

THERE ARE INNOCENT CHILDREN DYING FROM THIS!

Sincerely,

Juliana

Juliana Braga

Atlanta, GA 30339

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 6:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Julie Himelstein

Los Angeles, CA 90034

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:48 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Julie Kester

Newbury park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Junichiro Endo

Chuou-ku Sagamihara, Other 2520242

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 4:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

K R

SF, CA 94117

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 9:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

K R

SF, CA 94117

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kaelyn Nobles

Gulf Breeze, FL 32561

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I live in the Thousand Oaks area and I have a 4 year old son.

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

DO RIGHT BY OUR CHILDREN! THEY LOOK UP TO NASA AND DESERVE BETTER!

Sincerely,

Kama Craig

THOUSAND OAKS, CA 91360

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kamryn McCoury

canton, OH 44709

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Karen Beuerlein

Davis, CA 95618

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Karen Espinossa

Granada Hills, CA 91344

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 12:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Karen Ramirez

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Saturday, December 7, 2019 3:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Karen Voohries

Shreveport, LA 71107

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 7:28 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Karin Grennan

Camarillo, CA 93012

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Karla Gallegos-Ross

KANSAS CITY, MO 64106

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Karlee Cross

Karlee Cross

Davie, FL 33328

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:10 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kasey Johnson

Los Angeles, CA 90002

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Katherine LoGiudice

Philadelphia, PA 19129

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Katherine Wright

West Linn, OR 97068

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kathie Fierro

Van Nuys, CA 91406

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Kathleen Haffly

West Chester, PA 19380

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Kathleen Mirabelli

THOUSAND OAKS, CA 91360

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 6:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Kathleen Norton(cancer survivor) (My son just completed his second battle against cancer.) It is heartbreaking.

Kathleen Norton

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Kathryn Beddow

Las Vegas, NV 89123

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:42 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Kathryn Lockwood

Bloomfield Hills, MI 48304

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Kathy St. Germain

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 9:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Kathy Tessalone

Woodland Hills, CA 91364

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Katie Jenkins

MOORPARK, CA 93021

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:20 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Katie Nicholson

San diego, CA 92123

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Katie Sweeney
Vista, CA 92083

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Katy Salinas

, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kayla Neveu

Westfield, MA 01085

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 11:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kayla Riccio

Amsterdam, NY 12010

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:16:18 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kayla Schaffer

Milwaukee, WI 53211

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Please give a "Hoot" and don't pollute. Please clean up after yourself.

Sincerely,

Keith Rhinehart

Santa Clara, CA 95050

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 8:46 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kellie Kropfl

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelly Adelman

Studio City, CA 91604

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 2:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelly Faulkner

Santa Paula, CA 93060

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelly Kerr

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 12:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelly Meza

Santa maria, CA 93455

Gordon, Annette/DEN

From:
Sent: Friday, December 13, 2019 12:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelly Mills

Oak Park, CA 91377

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 11:54 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelly Murth

Oak park, CA 91377

Gordon, Annette/DEN

From:
Sent: Tuesday, December 10, 2019 10:02 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelsey Ciarlillo

Euclid, OH 44117

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kelsey McConville

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kerry Wilson

Lincoln, Other LN1 7NZ

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:32 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Keylla Boy

Waltham, MA 02452

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Khamrie Daniels

San Francisco, CA 94110

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kiara Molina

Fern Park, FL 32730

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kim Avalos

Arlington, TX 76001

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kim Charnofsky

Ventura, CA 93003

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kim Depenbrok

Arleta, CA 91331

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:29 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kim Depenbrok

Arleta, CA 91331

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kim Etter

Chambersburg, PA 17201

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:52 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kimberly Dealba

Pomona, CA 91767

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kimberly Dudow

SHERMAN OAKS, CA 91403

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kimberly Huemmer

Baldwin, NY 11510

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kimberly Lightfoot

SIMI Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 9:19 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kirsten Douglass

Santa Clarita, CA 91350

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kristen Merson

New York, NY 10001

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] How many children's lives will it take for you to clean up the mess at Santa Susana Field Lab?!

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

This whole situation is disturbing. Having grown up here (in Thousand Oaks), now knowing that living here and raising my son here has put our lives and health in jeopardy because of NASA's complete disregard for the safety and wellbeing of our local residents is disheartening to say the least. I have seen countless neighbors and friends watch helplessly as their children battle cancers due to the mess at SSFL. My father's oncologist is usually the first doctor to diagnose our local cancer patients, and he is 100% certain that SSFL is responsible for the majority of his patients' cancer. He currently has four patients on the same small culdesac in Simi Valley. That is not some random coincidence. Grow some balls and fix this. You owe it to our suffering residents, especially our innocent children.

Sincerely,

Kristin Danan

Kristin Danan

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kristina Haran

Fremont, CA 94536

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kristina Khoury

, CA

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

kristina Lane

Abington, MA 02351

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:02 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kristine Cooper

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kristine Kasumyan

Tujunga, CA 91042

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 4:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kristofer Young

Ojai, CA 93023

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kristyn Wenzel

Concord, CA 94521

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:10 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Krysti Houle

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Kylee Slavens

Topeka, KS 66614

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lanan Kendall

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lanna Ferreira

farmington hills, MI 48335

Gordon, Annette/DEN

From:
Sent: Thursday, January 9, 2020 12:54 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Laura Gideon

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

laura Tolmachoff

Waddell, AZ 85355

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lauren Bullington

Las Cruces, NM 88011

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lauren Corcoran

Los Angeles, CA 90035

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 9:28 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lauren Pedrolì

Milford, MA 01757

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lauren Spykerman

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 9:30 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lauren Wicks

CHAMBERSBURG, PA 17202

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lauri Moore

Ojai, CA 93023

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Laurie Dell

Phoenix, AZ 85048

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 4:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Leah Alicata

Simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 5:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

LEAH HERZBERG

Encino, CA 91436

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Leah McGowan

Los Angeles, CA 90045

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL. During the nuclear meltdown, I had friends whose parents work there. Their parents have now passed due to cancer. Along with the large amount of increase of cancer in our community, with children. This is alarming.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Leah O

Leah Oviedo

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 8:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

leo baldino

crestline, CA 92325

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Leran Yosef

West hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Leslie Del Rio

Simi valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:42 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Leslie Foumberg

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lihini Lamalie

, CA

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Linda Fletcher

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:10 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

Please clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Linda Hawkins

Whitefish Bay, WI 53217

Gordon, Annette/DEN

From:
Sent: Tuesday, December 10, 2019 4:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Linda Kolin

Sherman Oaks, CA 91401

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Linda Marchman

Granada Hills, CA 91344

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Linda Martinez

Los Angeles, CA 90032

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Linda Skinner

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lindsay Samaniego
Moorpark, CA 92120

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lindsay Yannacacos

Yorkville, NY 13495

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lindsey Dalton

Banning, CA 92220

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lindsey Prince

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lisa Alexander

Murrieta, CA 92563

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lisa Boros

Stoney creek, CA

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lisa Geer

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lisa Kienholz

Los Angeles, CA 90066

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lisa Mayer

Los Angeles, CA 90066

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lisa Weinstock

Northridge, CA 91326

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lois Kalbfeld

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

We lived in the area for many years and it worries me that some of our family could still suffer from the contamination that has been unlawfully left there. Please do the right thing and clean up the area as you promised.

Sincerely,

Lois McDoniel

Howell, MI 48843

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Loren Mikael

Los Angeles, CA 90025

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lori Cresong

Middletown, OH 45044

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Mrs. L Harvey

Lori Harvey

Culver City, CA 90230

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 12:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

I am 64 years old and was a first resident of homes built in 1959, just a few miles away from the site, in Canoga Park(near Valley Circle and Vanowen). That means that I was living there when the meltdown toxic fumes and everything else, was there!!!

I have lost many of my family members from numerous types of cancer, including Hodgekins Disease, colon cancer, lung cancer, pancreatic cancer, brain cancer and breast cancer! Is that a coincidence? I highly doubt it, since the facts show that the SSFL site is full of cancer causing chemicals.

We were promised that it would be cleaned up so that future generations could live a healthier life. NASA needs to do their job and clean up this horrific site with complete cleanup!

Sincerely,
Lori Hawkins

Lori Hawkins

Oceanside, CA 92056

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
(Former Simi Valley & W. San Fernando Valley resident)

Lori Hodges

Bullhead City, AZ 86442

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lori Rangel

Camarillo, CA 93012

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Lucy Ochoa

Lucy Ochoa

Creedmoor, TX 78610

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Luis Ramirez

Chelsea, MA 02150

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 7:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lyanne Wong

Valencia, CA 91354

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lynda Barrios

Brownsville, TX 78520

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lynn Cralle

Louisville, KY 40222

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Lynn Reed

Lorton, VA 22079

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Lynn Skibinski

Tonawanda, NY 14150

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:08 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Magdalena Bieszczad

Jackson, NJ 08527

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Maggie Koch

Indianapolis, IN 46237

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Makela Stankey

Los Angeles, CA 90039

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Mallory Sirratt

Danville, IL 61834

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 11:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Manny Favela

Boise, ID 83706

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 11:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Maraleen Gradle

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 6:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Marcie Seens

, MB

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:38 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Margery Brown

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 1:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Maria Abanilla

Ventura, CA 93004

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:28 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Maria Cabrera
Gilroy, CA 95021

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mariah Torres

San Antonio, TX 78023

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Maricela Chamagua

Reseda, CA 91335

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:52 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Marie Garside

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Sunday, December 15, 2019 9:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Marie Mason

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mariella Testa

Hopedale, MA 01747

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mario Zdybel

Chicago, IL 60638

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mark Reback

Los Angeles, CA 90039

Gordon, Annette/DEN

From:
Sent: Monday, December 9, 2019 1:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Martha Lockie

Los Angeles, CA 90049

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 10:52 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Martha Martinez

Camarillo, CA 93012

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Martha Waite

Simi Valley, CA 93065-5009

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination. I already lost a daughter to cancer caused by the contamination, with another daughter still fighting her battle with cancer. I hope others won't have to deal with cancer's caused by these companies lack of responsibility. Time is running out... Enough is enough!!

Sincerely,

Mary Ann Seltzer

San Marcos, CA 92078

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:16:52 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mary Bahan

Mackinaw, IL 61755

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mary Griffin

Dublin, CA 94568

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:28 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mary Munoz

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mary Rogan

Lombard, IL 60148

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mechelle Langley

Simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Meg Mattes

Ventura, CA 93001

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 3:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Megan Fletcher

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Megan Kelsey

Lake Worth, FL 33449

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 12:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Melanie Kitlinger

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Melanie Rosenberg

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 12:00 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Melinda Kubiak

BAINBRIDGE ISLAND, WA 98110

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Melissa Effler

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Melissa Ellis

Melissa Ellis

Chandler, IN 47610

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Melissa Hinds

Camarillo, CA 93010

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Melissa Knowles

San Diego, CA 92127

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 4:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Melissa Oestman

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mercedes Schlegel

Palo Alto, CA 94303

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

Imagine you lived near the former Santa Susana Field Lab. What would you want for your family? Stop listening to Boeing and do what is right!

As a nearby resident, I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michael Adler

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:56 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michael Guilbault

, MI 48042

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michael Kincaid
Olathe, KS 66062

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

MICHAEL LAWLER

Anaheim, CA 92804

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michael Wilson

Gardnerville, NV 89460

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

NASA needs to clean up 100% the contamination at Santa Susana Field Lab. How can it be that NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michele Cole

Santa Monica, CA 90404

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michele Dempsey

Conshohocken, PA 19428

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Bellamy

Simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Clements

Forest, OH 45843

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Maghalyan

Sherman oaks, CA 91423

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Moore

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Peterson

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Rofeh

Los Angeles, CA 90049

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Schaubert

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 5:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Michelle Schaubert

West hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:00 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mikaela Burgess

Windsor, CA 95492

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mike Maple

Hanover, MA 02339

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mike Murth

Oak park, CA 91377

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Milhem Abuali

Philadelphia, PA 19152

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mindy Schaurer

Phillipsburg, OH 45354

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mohamed Hassanein

Mohamed hassanein

phiadelphia, PA 19123

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Monica Santander

San Antonio, TX 78266

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

montana robar

Jacksonville, NC 28546

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:30 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Morgan Weiss

Oak Park, CA 91377

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA
W

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Mycole Carbone

North hollywood, CA 91601

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

N Chiarolla

Floral City, FL 34436

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 8:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nadia Ellison

West hills, CA 91307

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nadine Bond

Simi valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Naghma Achekzai

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nahal Sadighim

Tarzana, CA 91356

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nailah Geter

Brooklyn, NY 11213

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 8:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nannette Perez

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Natalie Cherot

Ventura, CA 93001

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Natalie Harrison

Pinehurst, NC 28374

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Natasha Eaton

Natasha Eaton

Renfrewshire, Other

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Natasha Rumney

Sherman oaks, CA 91403

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nathan Andresen

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:36 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nayely Alonso

Houston, TX 77029

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nazbeygom Adl

West Hills, CA 91307

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Neena Deibler

Upper Chichester, PA 19061

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nichelle OBrien

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:36 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nichole Barlow

Lakeside, CA 92040

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nick Diener

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Boyd

GREENCASTLE, PA 17225

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Clardy

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:08 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nichole Cole

Rosenberg, TX 77471

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 4:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Cottrell

Porter Ranch, CA 91326

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Gates

Thousand oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Gilmore
Davie, FL 33331

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Gonzalez

Northridge, CA 91325

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Marohn

Rancho Cucamonga, CA 91701

Gordon, Annette/DEN

From:
Sent: Saturday, December 21, 2019 12:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nicole Morgan

Scotland, CA Eh164lh

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ningyalai Amiri

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

nancy rogate

Lehigh Acres, FL 33976

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Noor Heintzelman

Indianapolis, IN 46236

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Nyah Nelms

Las Vegas, NV 89135

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:26 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Olivia Bird

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Olivia Dirro

Hermitage, TN 37076

Gordon, Annette/DEN

From:
Sent: Sunday, December 8, 2019 8:20 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination. GET YOUR ACTS TOGETHER AND CLEAN IT UP!!!

Sincerely,

Olivia Pentelow

Bradford, Other ENGLAND

Gordon, Annette/DEN

From:
Sent: Thursday, January 9, 2020 1:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ondrea Faillace

, CA

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Pam Lazos

Lancaster, PA 17601

Gordon, Annette/DEN

From:
Sent: Saturday, December 7, 2019 10:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL. It is a travesty that so many years have elapsed with no action taken.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Pamela Holley-Wilcox

Oxnard, CA 93035

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Pamela Kelly

Fullerton, CA 92833

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Pamela Tilikete

Woodland Hills, CA 91364

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Pamela Ulich

Malibu, CA 90265

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Paola Bernal

Sutter Creek, CA 95685

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Pat Andrade

Pat Andrade

Santa Paula, CA 93060

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 7:00 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Pat Rosati

Apex, NC 27523

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:10 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Patricia Becerra

Canoga park, CA 91303

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 5:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Patricia Lauer

Signal Hill, CA 90755

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 5:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Patricia Lauer

Signal Hill, CA 90755

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

PATTY Bonomo

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 10:20 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Paul Aagaard

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Wednesday, December 11, 2019 11:04 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Paul Keffaber
Fishers, IN 46037

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 10:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Paul Leibowitz

Thousand Oaks, CA 91362

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Paul Waller

Woodland Hills, CA 91367-60131

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 4:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

We are deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Paula And Charles Goldsmid

Claremont, CA 91711

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 8:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Peggy Paola

Altadena, CA 91001

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 8:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

phyllis babila

Atwatervillage/Los Angeles, CA 90039

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am writing because I am concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

It is my understanding that in 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But so far, NASA has failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess created through years of sloppy environmental practices and negligence. Please clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination. Thank you.

Sincerely,

Rachael Denny

Bradley, CA 93426

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 11:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rachael Holmes

GRANADA HILLS, CA 91344

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:38 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rachael Monette

North andover, MA 01845

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:30 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rachel Capper

Aberdeen, Other AB10 6AD

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rachel Johnson

Goodyear, AZ 85338

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rachel Rabizadeh

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rachel West

Dublin, IN 47335

Gordon, Annette/DEN

From:
Sent: Monday, January 6, 2020 6:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rachel Woeller

Huntsville, AL 35803

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Raquel Ioia

Hazlet, NJ 07730

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 5:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rebecca Hopkins

Simi Valley 93063, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rebecca Tillman

Playa Vista, CA 90094

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rebecca Tillman

Playa Vista, CA 90094

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rebecca Turner

La Plata, CA 20646

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rena Rubio

Santa Paula, CA 93060

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Renata Ilitsky

Lake balboa, CA 91406

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rhona Maple

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Thursday, December 12, 2019 4:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Richard Davis

Canoga Park, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Richard Davis

Canoga Park, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rick Shaw

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab is wildly insufficient and unethical. No decent society would consider it acceptable to leave up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up, particularly when this contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

The 2010 legally-binding agreement between NASA and my home state of California, committing to clean up all of the contamination to background levels by 2017, has clearly gone unfulfilled. NASA failed to even start the cleanup, let alone complete it. NASA must absolutely comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised. This is an existential crisis for the citizens and taxpayers who live in the area and are subject to NASA's ongoing neglect. It must be comprehensively addressed immediately.

Sincerely,

Rick Wayman

Santa Barbara, CA 93110

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:54 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rita Riemer

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rita Skuratovsky

Sherman oaks, CA 91403

Gordon, Annette/DEN

From:
Sent: Wednesday, December 11, 2019 3:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rob Hundscheidt

Kerkrade, CA 6461 GE

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Robby Barenblatt

Robert Barenblatt

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 11:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Robert Lujan

San Diego, CA 92117

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:32 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rohan Sabnis

Culver City, CA 90230

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rona Frimmer

Seattle, WA 98115

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rosa Chamberlain

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rosa Oreilly

Ventura, CA 93001

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rose Abraham

West Hills, CA 91304

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 9:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rose Delfino

Westlake village, CA 91362

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rose Leslie

Sand springs, OK 74063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rosemarie Coffey

North Wales, PA 19454

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Rosemary Alatorre

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Thursday, January 9, 2020 5:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ruth Luevanos

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ruthye Kaplan

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 6:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ryan Lee

Highlands Ranch, CO 80129

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Ryann Moresi

Thousand Oaks, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

As a person with two autoimmune diseases, that grew up in Simi Valley, I beg you to please clean up this site and save someone else from being sick.

Sincerely,

Sabrina Jensen

93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Salma Cervantes

Parlier, CA 93648

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Salvador Tamayo

Salvador Tamayo

Moorpark, CA 93021

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sam Bryan jr

Durham, NC 27713-7725

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sam Quero

Palos Heights, IL 60463

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Samantha Bail

NewburyPark, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Samantha Calderon

Flower Mound, TX 75028

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Samantha Christmas

Ringgold, GA 30736

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Samantha Dominguez

Ojai, CA 93023

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:56 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Samantha Holman

Hawthorne, CA 90250-3433

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Samantha Mockford

Grande Prairie, Alberta, Other T8W1M2

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sandra Andrade

Santa Paula, CA 93060

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:54 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sandra Harber

Chino Hills, CA 91709

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sandra Joos

Portland, OR 97239

Gordon, Annette/DEN

From:
Sent: Saturday, December 28, 2019 12:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sandra Kaye

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sandra Wisler

Carlsbad, CA 92009

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Santiago Sanchez

Canoga Park, CA 91303

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sara Burton

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sara Duque

miami, FL

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:54 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sara Gonzales

San Antonio, TX 78240

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sara MacFarlane

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 5:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sara Woolf

Chambersburg, PA 17201

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sarah Her

, CA 90210

Gordon, Annette/DEN

From:
Sent: Sunday, December 8, 2019 7:56 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sarah Johnson

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Thursday, December 5, 2019 11:42 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sarah Moore

Columbia, SC 29201

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:14 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sarah Robison

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 6:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I live within a few miles of the site of this nuclear disaster zone and have had to live with years of disinformation spread about what happened there and what can be done about it. I urge you to carefully examine the sources of each piece of evidence and analysis you get on this. The remedies proposed do not ensure the safety of the public. They are written to minimize liability.

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sarah Santitoro

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:24 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sarah Seeger

Thousand Oaks, CA 91360

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Scott Arend

Fort Collins, CA 80525

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Scott Furbershaw

SAN DIEGO, CA 92109

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 9:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Scott Perkins

, NY 14222

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

selma Ademovic

Jacksonville, FL 32217

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sharon Ashley

Kirkland, WA 98034

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sharon Siman-tov

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:51 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sharon Torrasi

Hermosa Beach, CA 90264

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Shayla Harper

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Shelby Parks

Newport Beach, CA 92662

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

shelby radfar

Tarzana, CA 91356

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Shelley Boros

Binbrook, Other Lor1co

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Shelley Wiseman

Winnetka, CA 91306

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sheri Montrose

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sherin Sonny

Poway, CA 92064

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 6:44 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sherri Keeler

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 1:12 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sherry Morez

SANTA BARBARA, CA 93110

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 4:46 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sheryl Chow

N. Ridgeville, OH 44039

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sheryl Duke

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:42 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sian Jones

Newbury park, CA 91320

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:42 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sierra Nething

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Diane Miller

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 10:48 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Sofia Pastrana

El Paso, TX 79912

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Soleil Rodriguez

, CA

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

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Sincerely,

Sonia Gilliam

Malibu, CA 90265

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

sonia singh

Sacramento, CA 95834

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:58 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

As someone who spent 5 years going to school near the Santa Susana Field Lab (SSFL), I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sophia Santitoro

Simi Valley, CA 93065

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:14:24 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sophie Millar

Glasgow, Other PA7 5JQ

Gordon, Annette/DEN

From:
Sent: Monday, December 9, 2019 7:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sophie Van der heiden

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Monday, December 9, 2019 10:30 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stefanie Ceo

Avon Lake, OH 44012

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Erb

, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,
Stephanie Beaver

Stephanie Beaver

Colorado Springs, CO 80922

Gordon, Annette/DEN

From:
Sent: Saturday, December 7, 2019 10:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Dupont

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:00 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Genera

Norealk, CA 90650

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Kert

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:46 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Lozano

Rialto, CA 92376

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 10:04 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie McPherson

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:28 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Soto

Corona, CA 92882

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Suozzo

Harrison, NY 10528

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Vincent

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Stephanie Zukauskas

Dubois, PA 15801

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Steve Gutierrez

, CA

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:43 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I have a family, children and grandchildren and am concerned for all of our safety and health. I am sure you would share the same sentiment for you and yours if you lived in the shadow of the SSFL as we do. If a legally binding agreement was put forth by NASA why wasn't it honored? We are going on 3 years PAST the deadline. Shameful...

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Steve Hausman

STEVE HAUSMAN

WEST HILLS, CA 91304

Gordon, Annette/DEN

From:
Sent: Thursday, January 9, 2020 9:30 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Susan Burden

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Susan Gustafson

Des Moines, IA 50321

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Susan Kaplan

Bronx, NY 10471

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 8:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,
Susan O'Neil

susan oneil

boca raton, FL 33428

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

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Sincerely,

Susan Vitale

San Diego, CA 92117

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 10:50 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Susana Rider

Des Moines, IA 50310

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:42 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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Sincerely,

Susie Ellis

Newbury Park, CA 91320

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Susie Mahler

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Suzanne Hoffman

Daly City, CA 94015

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Suzette McCann

Whitinsville, MA 01588

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:02 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Suzu Ciccolini

Woodland hills, CA 91364

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:52 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sylvia Tillman

Woodland Hills, CA 91367

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 6:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Sylvia Wilkerson

Oxnard, CA 93030

Gordon, Annette/DEN

From:
Sent: Friday, December 6, 2019 2:40 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tamar Lion

Woodland Hills, CA 91364

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tami Onori

Valencia, CA 91354

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 9:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tammy Ashmore

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 11:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tammy Rach

El Cajon, CA 92019

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 7:46 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tasha Moon

Calabasas, CA 91301

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:08 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tatiana Perez

Carrollton, KY 41108

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:44 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Taylor Adams

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Teresa Beltran

Visalia, CA 93277

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 12:28 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am sickened by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Teresa McGilvray

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Teri Cresong

Middletown, OH 45042

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 5:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Teri Olson

Sylmar, CA 91342

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:42 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Teri Stephenson

Middletown, OH 45042

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Terrence Thompson

Jamaica, NY 11434

Gordon, Annette/DEN

From:
Sent: Thursday, January 9, 2020 2:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Terrill Kelly'Barrows

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tessa Boury

Monroe, WA 98272

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:50 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Thea Berns

Van Nuys, CA 91405

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Thinisha Armstead

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:22 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Jessica Fisher

Thousand Oaks, CA 91320

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 8:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tiffany Easton

Las Vegas, NV 89166

Gordon, Annette/DEN

From:
Sent: Tuesday, December 10, 2019 5:22 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tiffany Hansen

Denver, CO 80210

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 11:02 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tiffany Townsend

, CA

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:24 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tim Nelson

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 9:12 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tina Hendizadeh

Encino, CA 91426

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tina King

Minneapolis, MN 55412

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tina Vendela

Rosemount, MN 55068

Gordon, Annette/DEN

From:
Sent: Monday, December 9, 2019 5:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Todd Milazzo

Seattle, WA 98136

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tom McLain

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 5:36 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tom Mueller

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 11:18 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tony Whiting

, CA 91304

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tonya Mulligan

League City, TX 77573

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tori Goodwin

Austin, TX 78705

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 10:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tracey Hoffman

Hilton hesd, SC 29928

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

I personally knew a little sweet girl named Hazel lovingly known as Hazelnut who lost her 2nd battle to neuroblastoma , she died a little over a year ago , She was born & lived in Simi Valley, Ca Please help to stop this unimaginable nightmare from happening to other families !

Sincerely,
Tracey Fay Jenkins

Tracey Jenkins

Universal, IN 47884

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tracy O

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tracy O

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 7:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tracy Raitt

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:26 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Tracy Simmons

Lincolnton, NC 28092

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Trey Grandison

Elverson, PA 19520

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:02 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Trisha Matthews

Sugar Land, TX 77479

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 12:56 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Trisha Morgan

Lake Ozark, MO 65049

Gordon, Annette/DEN

From:
Sent: Tuesday, December 10, 2019 8:28 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Valantis Matsakas

Calabasas, CA 91302

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 9:34 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Valerie Allen

Calabasas, CA 91301

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 2:32 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Vanessa Lopez

Encino, CA 91436

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:20 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Vanessa Dellamalva

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 1:56 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Vanessa Montiel

Granada Hills, CA 91344

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:22 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Veronica Torres

Albuquerque, NM 87102

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 11:54 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Vicky Todd

Chatsworth, CA 91311

Gordon, Annette/DEN

From:
Sent: Saturday, December 14, 2019 10:04 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Victor Lobl

Malibu, CA 90265

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Victoria Haff

Cayuga, NY 13160

Gordon, Annette/DEN

From:
Sent: Wednesday, January 8, 2020 11:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

I have several family members that worked and/or lived near the facility, all of whom have gotten cancer. I lived on the border of contamination ring when living in Porter Ranch. The Woolsey Fire burnt more of this contamination sending it to millions through the smoke in the air.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Vikki Salmela

Vikki Salmela

Sugarloaf, CA 92386

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 3:08 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Vincent Czapl

, NY

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 12:52 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Virginia Dooley

Canoga Park, CA 91304

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 2:14 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Vivien Dowlatshahi

Bell canyon, CA 91307

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 9:18 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Wendy Hellmann

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 6:00 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Wendy Jones

Simi Valley, CA 93063

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:38 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Wendy Maguire

Reseda, CA 93065

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Wendy Say

SIMI VALLEY, CA 93063

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:16 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Whitney Mccoy

Jasper, AL 35501

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 9:40 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

William Preston Bowling

Topanga, CA 90290

Gordon, Annette/DEN

From:
Sent: Tuesday, January 7, 2020 3:58 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Windy Wagner

Agoura Hills, CA 91301

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 2:34 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Xavi Sanabria

Reseda, CA 91335-2554

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 8:10 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Yarichana Ramirez

Miami Beach, FL 33141

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:08 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Yazmin Pace

Woodland Hills, CA 91364

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 11:06 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Yoriawwna Fluhrer

Independence, MO 64055

Gordon, Annette/DEN

From:
Sent: Wednesday, December 4, 2019 1:16 AM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Yuna Megre

Beverly hills, CA 90210

Gordon, Annette/DEN

From:
Sent: Tuesday, December 3, 2019 4:06 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Yvette Anguiano

Prescott valley, AZ 86314

Gordon, Annette/DEN

From:
Sent: Monday, December 9, 2019 11:46 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Yvette Lara

Simi Valley, CA 93065

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 7:30 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Yvette Torres

Harper, TX 78631

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Monday, December 2, 2019 8:14:27 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

zane ellis

san antonio, TX 78249

Gordon, Annette/DEN

From:
Sent: Monday, December 2, 2019 6:20 PM
To: MSFC-SSFL-EIS
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

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NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

zyannah cummings

gainesville, GA 30507

From:

Sent: Friday, December 13, 2019 9:08 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] SSFL clean up

Hello,

I am writing in regards to the lack of clean up for the Santa Susanna Field Lab. My parents bought their first home in Canoga Park off Valley Circle Blvd by Vanowen Street. I grew up with 5 siblings, all of us climbing the hills especially Castle Peak. I rode horses in what is today Bell Canyon. I remember the rocket engines going off all different times of the day, rattling the windows of our home or school. My parents were told it was rocket testing, and that was it. I asked them if they knew about the partial melt-down, and they did not. I lived there from April 1960 until May 14, 1977. My parents moved in August of 1977. I remember so many fires, Santa Ana Winds and heavy flooding in our neighborhood. I was told my first classmate in the third grade being very ill, and then he stopped coming to school. My older sister Annie died from breast cancer that went into her brain. My little brother died from bladder cancer that also came back in his brain. Our next door neighbor died from brain cancer. I myself had my first tumor at age 11, and a brain tumor in my 50s. My granddaughter who lives in my childhood area of West Hills had a very rare cancer at age 4, and it came back at age 6. I have lost so many classmates, friends and neighbors from cancers. Many of my classmates parents who worked on the hill have died from cancers.

I cannot stress enough that SSFL needs to be cleaned up. Watching my granddaughter go through chemo ten times stronger than normal chemo still haunts me. I would go to CHLA three times a week to spend time with her. She would ask me to climb into her hospital bed and just hold her. I spent time with my brother at City of Hope in Duarte watching him be brave as his head was placed into a cage for radiation. I was with my brother when he passed away. My family sat and waited at the Skull Clinic for 6 hours for my brain surgery.

Our last major fire, the Woolsey fire started at the SSFL. If the water tanks were still there and the fire department had a working fire truck perhaps the fire could have been contained. And maybe the containments would not have spread even more through the high winds.

We live here. My parents, myself, my children and now my grandchildren live here. That is four generations that have been affected by NASA not caring to clean up their mess. Please do so now. Please take responsibility for your actions and protect the people.

Sincerely,

Deva Andrews



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 20, 2019

(6:30 pm at the Best Western Posada Royale; 1775 Madera Road, Simi Vally, CA 93065)

Name Deva Andrews
 Address _____
 Affiliation _____
 Phone _____
 Date 11-20-19

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-els@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mall to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.

Please note that the deadline for public comments is December 9, 2019.

COMMENTS:
(Attach additional sheets if necessary)

I grew up in the area and my family's health has been affected by the Santa Susanna Field lab. It must be cleaned up to protect future generations. We are here in an open forum, but a person Dr. Hirsch was removed because he was giving over facts. Why can't we hear the opposing side?

A sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. The paper is framed by a thin black border. There are 28 horizontal lines in total, starting from the top and ending at the bottom. The lines are thin and black, providing a guide for writing.

From: Charlie & Dinah Bain
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab MUST be cleaned up!
Date: Thursday, November 28, 2019 3:38:33 PM

NASA,

It is not acceptable to leave ANY carcinogenic waste at the Santa Susana Field Lab, so close to the local community! Please clean up the waste!

Diana Bain

From: John Bakeberg
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Shame on you.
Date: Thursday, November 28, 2019 9:05:30 AM

Shame on you for your handling of the Santa Susana Field Lab toxic sight. You're a bunch of no account liars.

Piss on you.

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Clean up SSFL
Date: Saturday, November 23, 2019 4:57:00 PM

Radionuclides and carcinogenic materials are harming our children and our community. It is your job to clean up SSFL 100% NOW!

Kristen Beaton
Woodland Hills, CA

Sent from my iPhone

From: Susan Bradford
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Do the right thing!
Date: Sunday, December 01, 2019 10:12:07 PM

NASA,

Simply put and to the point...It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community....period.

It is your responsibility. You've caused enough sickness, death and grief already.

CLEAN UP YOUR MESS.(something you people should have learned in kindergarten!)

So do it and do it well!

Susan Bradford

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] toxic waste
Date: Thursday, November 28, 2019 8:25:08 PM

I hear from website that toxic waste is apparently not going to be removed from santa susana; if true this is a disgrace! Poor people living in fear for their health and can't just choose to move on..

c elliott



December 18, 2019

Mr. Peter Zorba,
NASA SSFL Project Director,
5800 Woolsey Canyon Road,
Canoga Park, CA 91304.

Re: *Draft Supplemental Environmental Impact Statement (SEIS) for Soil Cleanup Activities at the Santa Susana Field Laboratory (SSFL)*

Dear Mr. Zorba,

I am the President of North American Land Trust (NALT), a national land conservation organization with an exceptional track record of conservation. Over its 26 year history, NALT has completed nearly 540 conservation easements across 23 states protecting over 130,000 acres of significant wildlife habitat and cultural resources, providing diverse outdoor recreational opportunities to the public and helping to ensure clean water and air.

In 2017, NALT partnered with The Boeing Company to permanently restrict their portion of the Santa Susana Field Laboratory (SSFL) from any commercial, industrial, residential or agricultural uses. This was accomplished through the establishment of a perpetual Conservation Easement recorded at the Ventura County court house. We're very proud of our conservation accomplishments at the SSFL and the legacy of permanent conservation we've helped establish.

I am writing now to share concerns regarding proposed Soil Cleanup standards that are currently being considered on the NASA owned portion of the Santa Susana Field Laboratory, and how they could potentially adversely impact the significant natural, historical and cultural resources documented at SSFL. Although NALT staff biologists and conservation professionals have not had the opportunity to survey the NASA owned portions of SSFL, the property is likely comprised of natural habitats comparable to those documented on the Boeing owned portions of SSFL. These native habitats and ecosystems support a variety of rare and state endemic species. The same is presumably true of the outstanding cultural and historic resources found throughout both the NASA and Boeing owned portions of the SSFL property. If not properly considered, evaluated and monitored, impacts related to the removal of native surface soils and introduction of soil and seed from offsite locations could have lasting negative impacts on the vegetative communities found throughout Boeing's protected property. Heavy truck traffic and excavation equipment used in the soil remediation activities within the NASA owned portions of SSFL would also presumably traverse in and out through the conserved areas of the Boeing owned portions of SSFL. This increased level of activity and disturbance could have negative effects on wildlife movement and migration and contribute to habitat fragmentation. These negative impacts would be especially true for resident and migratory bird species as well as large mammals such as mountain lion, bobcat, fox and mule deer.

NALT urges the careful evaluation of the diverse risks attendant to a soil remediation phase on the NASA owned portion of the Santa Susana Field Laboratory and encourages the appropriate consideration of alternatives that would avoid or minimize adverse impacts to the protected portions and significant habitats of the SSFL.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Carter', with a large, sweeping flourish at the end.

Steven W. Carter
President

December 15, 2019

Mr. Peter Zorba,

SSFL Project Director

5800 Woolsey Canyon Road

Canoga Park, CA 91304

Subject: Soil Cleanup at Santa Susana Field Laboratory

Dear Mr. Peter Zorba:

Thank you for the opportunity to review and comment on the subject document. It has been a longstanding position of the County of Ventura to seek that NASA, as an owner of land at SSFL, clean up contamination to the most protective standards, equivalent to background and consistent with NASA's agreed upon 2010 Administrative Order on Consent (AOC). Alternative A in the Draft SEIS is the only alternative that cleans the site to AOC requirements and as such is aligned with Ventura County's position to be protective of the public's health, our first priority. NASA's November 20, 2019 hearing portrayed the draft SEIS alternatives as having "no discernable differences to health and safety" even though risks would persist if alternatives other than Alternative A were selected. This is because the contamination that would be left on site by the other alternatives would continue to threaten the health and safety of people onsite and offsite during wind, rain, fire and other events. Recently SSFL had 57 violations of pollution standards from stormwater released offsite after the 2018 Woolsey Fire. The types of contaminants found at SSFL have been linked to an increased risk of disease including cancer, thyroid disorders, lymphoma, and leukemia. Draft SEIS maps show that alternatives other than Alternative A would leave large areas of NASA's SSFL property contaminated. Entertaining any alternative other than Alternative A would break the legally binding terms of the AOC. Recycled Paper Board of Supervisors December 17, 2019 Page 2 Furthermore, the current land use of the NASA property is open space. Section 8104- 1.1 Open Space of the Ventura County Non-Coastal Zone Ordinance outlines the purpose and land uses of the Open Space Zone. NASA and Boeing incorrectly conclude that the future land use would be limited to recreational (DEIS, 2019, Executive Summary page 5, and Boeing, 2017a). The Open Space Zone in Ventura County allows for more than recreation, it also allows among other uses, agriculture and housing. Clearly, leaving contaminated soils with the potential for agriculture and housing would pose future health risks. It is of the utmost importance that the SSFL property be fully cleaned up to protect public health and safety. The Ventura County Board of Supervisors strongly recommends Alternative A ("AOC Cleanup") and opposes other alternatives that leave contaminants on site that are not consistent with levels stipulated in the AOC.

Sincerely,

Joyce Coldwells

Litterock

CA

93543

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Clean-Up
Date: Saturday, November 23, 2019 7:28:59 PM

Dear NASA,

I am writing on behalf of my family, including my 4 year old son, who live in the community surrounding the Santa Susana Field Lab. I implore you to keep your 2010 agreement with California DTSC, for full clean-up of your portion of the site.

It is unconscionable that you did not finished the clean-up by 2017 as agreed to, and now the SSFL burned during Woolsey Fire in 2018 and has possibly endangered our children via the contaminated smoke and water. You cannot imagine the anxiety and fear parents in our community feel because of your reckless disregard for our safety.

The delay in clean-up, and now the proposed lesser level of clean-up is NOT acceptable!

It's TERRIBLE to think that we teach our kids to respect and revere NASA, and yet you would risk their health and well-being in this way. You should be ashamed.

We have worked so hard to provide a safe and comfortable home for our family, and you have jeopardized this with your reckless and selfish actions.

KEEP YOUR WORD TO OUR STATE! KEEP YOUR WORD TO OUR FAMILIES AND CHILDREN!

CLEAN-UP YOUR MESS - FULLY - SO THAT OUR FAMILIES DO NOT HAVE TO LIVE IN FEAR OF THESE TOXIC CHEMICALS MAKING THEIR WAY INTO OUR COMMUNITIES EVER AGAIN.

Sincerely,

Kama Craig

From: Wednesday, December 4, 2019 3:12 AM
Sent: MSFC-SSFL-EIS
To:
Subject: [EXTERNAL] How many children's lives will it take for you to clean up the mess at Santa Susana Field Lab?!

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

This whole situation is disturbing. Having grown up here (in Thousand Oaks), now knowing that living here and raising my son here has put our lives and health in jeopardy because of NASA's complete disregard for the safety and wellbeing of our local residents is disheartening to say the least. I have seen countless neighbors and friends watch helplessly as their children battle cancers due to the mess at SSFL. My father's oncologist is usually the first doctor to diagnose our local cancer patients, and he is 100% certain that SSFL is responsible for the majority of his patients' cancer. He currently has four patients on the same small culdesac in Simi Valley. That is not some random coincidence. Grow some balls and fix this. You owe it to our suffering residents, especially our innocent children.

Sincerely,

Kristin Danan

Thousand Oaks, CA 91360

From: D'Angelo, Jillian
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Hello
Date: Wednesday, November 27, 2019 1:02:08 PM

Hi there, I hope this email finds you well. Please clean up your portion of the Santa Susana Field Lab. Innocent children are suffering chemo therapy and surgeries because of the waste. Please, if I had the money I would give it to you to do this. If I could do it myself, I would. Please clean this up as fast as possible. I know that you would not want to be responsible for more children developing cancer as a result of this carcinogenic waste. I am sure you are a good person and would not be able to live with yourself if you had the blood of people's precious beloved children on your hands. God is real. He is just and merciful. He will forgive you as long as you truly request it. It is never too late to make the wrong right. God's love drench you! In Jesus Name!

Best regards,
Jillian

From: Laura Davies Tilley
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] carcinogenic waste
Date: Wednesday, November 27, 2019 1:06:47 PM

Gentlepersons:

It is unacceptable to leave carcinogenic waste - any carcinogenic waste - at Santa Susana Field Lab, or anywhere.

I am a State employee and we do our best always to represent the best interests of the citizens of our State. I would hope - and expect - that NASA would try to represent and safeguard the citizens of our country.

It is disappointing to hear that is not your current plan.

Please change your plans and remove all carcinogenic waste from the Santa Susana Field Lab.

Laura Davies Tilley

From: matthew davila
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] toxic waste
Date: Wednesday, November 27, 2019 12:56:59 PM

it is unacceptable to leave ANY poisonous waste at a dumpsite, let alone up to 100%.

From: Richard Dawson
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab needs thorough cleanup.
Date: Wednesday, November 27, 2019 2:14:14 PM

It is unacceptable to leave ANY carcinogenic waste in a location so close to where people live.

Stop lying and do a proper clean up. <https://youtu.be/5heABtbc41k>

Richard Dawson

From: Denise Duffield

Sent: Monday, November 11, 2019 3:04 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] Availability of NASA SSFL SEIS documents and meaningful public comment

Dear Mr. Zorba,

Attached please find a letter regarding two important matters necessary to ensure meaningful opportunity for public comment regarding NASA's Draft Supplemental Environmental Impact Statement (SEIS) for the cleanup of its portion of the Santa Susana Field Laboratory (SSFL.) These issues pertain to a lack of availability for more than 75% of the references in the SEIS and appendices, and to the time allotted for public comment in the upcoming hearings Nov. 20 and 21. We urge NASA to make all documents referenced in the SEIS and appendices available and notify the public that it has done so, and to ensure its public hearings enable all participants to give meaningful public comment. Please see the attached letter for further information.

Sincerely,

Denise Duffield

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Denise Duffield

Associate Director

Physicians for Social Responsibility-Los Angeles 617 S. Olive Street, Suite 1100

Los Angeles, CA 90014

213-689-9170 ext. 104

310-339-9676 cell

www.psr-la.org

From: Denise Duffield
To: [MSFC-SSFL-EIS](#)
Cc: [Zorba, Peter D. \(HQ-DA020\); Manes, Lori \(MSFC-AS01\)\[NOREAS INC\]](#)
Subject: [EXTERNAL] Request for 45 Day Extension of Comment Period and Additional Public Hearing for Draft SEIS for SSFL Cleanup
Date: Tuesday, November 26, 2019 3:47:36 PM

November 26, 2019

Mr. Peter Zorba
NASA Project Manager
Santa Susana Field Laboratory

Via E-mail: Msfc-ssfl-eis@mail.nasa.gov

Re: Request for 45 Day Extension of Comment Period and Additional Public Hearing for Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory

Dear Mr. Zorba:

We write to follow up on our letter dated November 11, 2019, regarding matters of importance for assuring meaningful opportunity for public comment on NASA's Draft Supplemental Environmental Impact Statement (SEIS) for the soil cleanup of its portions of the Santa Susana Field Laboratory (SSFL). We have received no reply to that letter.

Based on the concerns identified in that letter and those identified below, we respectfully request that NASA extend the deadline for public comment on the Draft Supplemental Environmental Impact Statement (SEIS) for Soil Cleanup Activities at Santa Susana Field Laboratory, 84 Fed. Reg. 57,490 (Oct. 25, 2019), for an additional forty-five (45) days. We also respectfully request NASA hold an additional public hearing, in a true hearing format, allowing formal oral testimony and the use of supporting exhibits shown as slides, before the comment period closes.

Availability of Documents Upon Which the Draft SEIS Relies

In our prior letter, we expressed concern that more than 75% of the reference documents relied on in the draft SEIS have not been made available by NASA, preventing meaningful public comment on the draft SEIS. We understand that NASA representatives acknowledged this failure to provide public access to the referenced documents at the public meeting held on Thursday, November 21st, 2019, and that NASA said it would place on its SSFL website the missing documents by the end of the following week (i.e., after Thanksgiving). [As of the date of this letter, they have not been posted.]

We appreciate that NASA is working to fix this error. However, the belated availability of scores of lengthy documents on which the assertions in the SEIS are based means that the public has not been given a meaningful opportunity to review and comment upon the draft SEIS. If NASA posts the documents by the end of the week, that will mean that they will not have been available for more than a week after the two public meetings NASA held to receive comments on the NEPA document. And if released by the end of this week, they would only

be available for roughly six business days before written comments are due.

NEPA is at its heart a public disclosure and public participation statute. There cannot be meaningful public comment if the public does not, during the full comment period, have readily available the documents upon which NASA based its claims in the Draft SEIS. We therefore request NASA extend the comment period 45 days from the date NASA publicly posts the full reference documents. This will allow the public the opportunity to review all newly available relevant documents and to provide fully informed comments on the Draft SEIS.

Meaningful Opportunity for Public Comment at the Draft SEIS Hearings

NASA held two “public meetings” on its Draft SEIS, one in Ventura County on November 20 and one in Los Angeles County on November 21. Both meetings followed the same unusual format. Rather than the standard hearing format, in which there are chairs for the public, news media, and staffs of elected to sit in while they listen to public testimony, there were almost no chairs and NASA merely had its own posters on easels around the walls of the room, with NASA staff standing next to the posters, presenting their defense of the draft SEIS. There was a court reporter sitting off in a corner, to whom members of the public could make brief private comments but which virtually no one else in the room could hear. At the Nov. 21 meeting, NASA did not even announce to people that they could make comments to the court reporter. On November 20, NASA physically blocked people who came to present comments on the draft SEIS from showing slides of exhibits as part of their testimony, forcing the PowerPoint projector to be disconnected. NASA personnel interposed themselves between the projector and the screen to physically obstruct the proffered testimony.

The format meant that NASA provided a one-sided presentation, promoting the controversial claims made in the draft SEIS, without allowing the public the benefit of listening to individual’s testimony and concerns about the draft SEIS, which could inform their own testimony. Further, NASA physically blocked the slides that were to support the oral testimony.

Because the documents that purportedly support the claims made in the draft SEIS were not publicly available at the time of the two meetings held to receive comments, and because the meetings failed to be anything even roughly equivalent to a public hearing for testimony on the NEPA document, we request NASA hold an additional public meeting in the traditional hearing format in which individuals may present oral comments not only to NASA but also to the attendant community and use what visuals they choose as part of those comments.

A Prompt Response and Public Announcement is Requested

Since written comments are due shortly, we request that NASA promptly announce whether it is granting the extension and the request for a formal hearing. Withholding such an announcement until shortly before the due date for written comments would further interfere with meaningful comment, as people would have to operate on the assumption of a Dec. 9 due date because of the failure of NASA to timely announce whether that date is being extended. We hope NASA will take the necessary steps to return to a course of action that meets NEPA’s core principles of transparency and assuring meaningful public comment on NEPA documents.

Sincerely,

Denise Duffield
Physicians for Social Responsibility-Los Angeles

Daniel Hirsch
Committee to Bridge the Gap

Dawn Kowalski
Rocketdyne Cleanup Coalition

Melissa Bumstead
Parents vs. SSFL

From: Denise Duffield

Sent: Wednesday, January 8, 2020 9:03 PM

To: MSFC-SSFL-EIS <msfc-ssfi-eis@mail.nasa.gov>

Subject: [EXTERNAL] Supplemental Comment on NASA SEIS for SSFL - Offsite Exposures study chapters 1 - 10

Dear Mr. Zorba,

NASA's Draft SEIS for the cleanup of soil at the Santa Susana Field Laboratory omitted the 2006 study "Potential for Offsite Exposures Associated with Santa Susana Field Laboratory" from headed by UCLA's Dr. Yoram Cohen, Professor of Chemical Engineering and Director of the UCLA Center for Environmental Risk Reduction.

I am sending the study to be included as a supplemental comment. Due to its size, I will send the study over several emails.

Sincerely,

Denise

--

Denise Duffield

Associate Director

Physicians for Social Responsibility-Los Angeles 617 S. Olive Street, Suite 1100

Los Angeles, CA 90014

213-689-9170 ext. 104

310-339-9676 cell

www.psr-la.org

From: Denise Duffield

Sent: Wednesday, January 8, 2020 9:06 PM

To: MSFC-SSFL-EIS <msfc-ssfi-eis@mail.nasa.gov>

Subject: [EXTERNAL] Supplemental Comment on NASA SEIS for SSFL - Offsite Exposures appendices A - U

Dear Mr. Zorba,

Attached are the appendices for the 2006 study "Potential for Offsite Exposures Associated with Santa Susana Field Laboratory" from headed by UCLA's Dr. Yoram Cohen, Professor of Chemical Engineering and Director of the UCLA Center for Environmental Risk Reduction which were submitted in a separate email.

These should be included with the study as a supplemental comment on NASA's Draft SEIS for the SSFL cleanup, since NASA failed to mention the study at all.

Sincerely,

Denise

--

Denise Duffield

Associate Director

Physicians for Social Responsibility-Los Angeles 617 S. Olive Street, Suite 1100

Los Angeles, CA 90014

213-689-9170 ext. 104

310-339-9676 cell

www.psr-la.org

From: Denise Duffield
Sent: Wednesday, January 8, 2020 8:47 PM
To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>
Subject: [EXTERNAL] Supplemental Comment on NASA SEIS for SSFL

Dear Mr. Zorba,

NASA's Draft SEIS for the cleanup of soil at the Santa Susana Field Laboratory misrepresented and omitted information related to SSFL health studies. Attached please find a letter regarding the 2007 University of Michigan study, "Cancer Incidence in the Community Surrounding the Rocketdyne Facility in Southern California" from its author, Dr. Hal Morgenstern, written to Senator Simitian on April 17, 2007 after Boeing misrepresented the study. Morgenstern states, "Boeing's assertion that we found no increased cancer rates in the communities surrounding SSFL is false. We did, in fact, find increased incidence rates of certain cancers associated with proximity to the facility, the significance of which would require further research."

Please include this email and the attached Morgenstern letter as supplemental comments on NASA's Draft SEIS from Physicians for Social Responsibility-Los Angeles.

I will send next, in a separate email, a study that NASA entirely omitted in its Draft SEIS regarding the potential for offsite exposures associated with the Santa Susana Field Laboratory.

Sincerely,

Denise

--

Denise Duffield
Associate Director
Physicians for Social Responsibility-Los Angeles
617 S. Olive Street, Suite 1100
Los Angeles, CA 90014
213-689-9170 ext. 104
310-339-9676 cell
www.psr-la.org

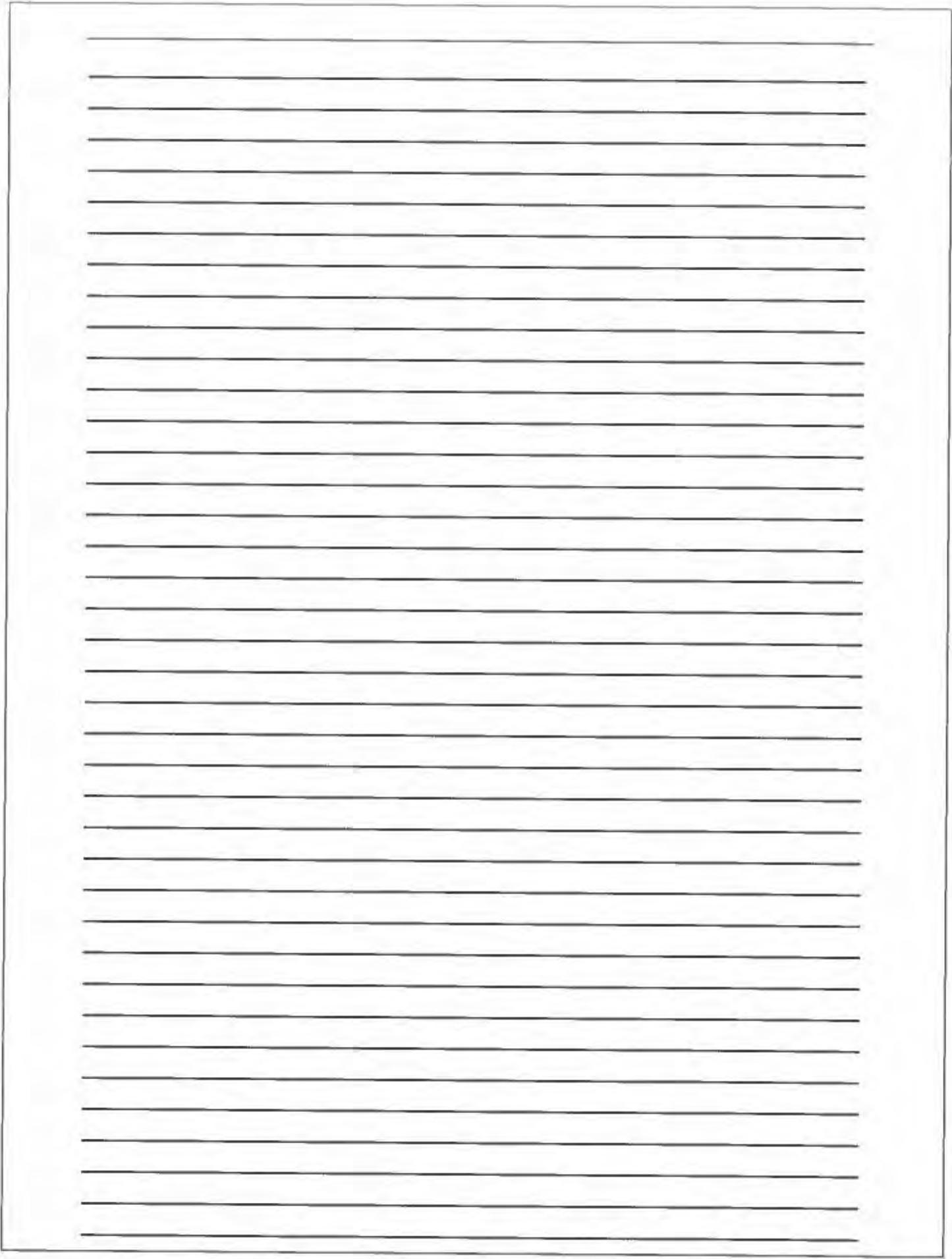
From: Tara Ebrahimian
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Wednesday, November 27, 2019 5:28:33 PM

Hello,

Please reconsider your stance on the Santa Susana Field Lab. To leave the toxins there is to be responsible for contributing to the continued poisoning of people, including children. Thank you.

~Tara Mae

Sent from my iPhone



From: Tracey Ellison
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Clean up your carcinogenic waste
Date: Friday, November 29, 2019 2:43:51 PM

Dear NASA:

I find it unconscionable that you would leave your toxic waste at SSFL. It is too close to the local population. How many children must die of cancer for you to take responsibility? Do it now! Remove 100% of your carcinogenic waste!

Sincerely,

Tracey Ellison

Worcester MA 01603

From: Peggy Fisher
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] NASA Policy
Date: Sunday, December 01, 2019 3:15:14 PM

Re: Santa Susana Field Lab
it is unacceptable to leave ANY carcinogenic waste in a location
so close to the local community.

From: laura foggini
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] No more kids with cancer: clean up the Santa Susana Field Lab
Date: Wednesday, November 27, 2019 12:52:11 PM

It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community. save lives and clean up waste

Many Thanks,
Laura

Sent from my iPhone



Santa Susana Mountain Park Association

Dedicated to the Preservation of the Simi Hills and Santa Susana Mountains

P.O. Box 4831

Chatsworth, CA 91313-4831

ssmpa.com

mail@ssmpa.com

January 1, 2020

To: Peter Zorba, SSFL Project Director, 5800 Woolsey Canyon Road, Canoga, Park, CA 91304

RE: Public Comments on NASA 2019 SEIS, for the SSFL

The Board of Directors of the Santa Susana Mountain Park Association would like to thank NASA for realizing the problems associated with the 2010 AoC's. We fully agree with NASA IG that the cleanup to Background is "Unachievable".

We would like NASA to preserve all the Test Stands, however we realize this is probably cost prohibitive.

Please preserve at least one of the test stands as monument to the genius of the American Space Program. We recommend that the Coca test stand be chosen for preservation due to the location of that test stand and other archaeological assets on the property.

We feel Alternative D will be protective of human health in the surrounding community and be safe for daily hikers and visitors, while providing protections for wildlife, habitat and cultural and historical resources.

Sincerely,

Wendi Gladstone, President
Santa Susana Mountain Park Association
P. O. Box 4831, Chatsworth, CA 91313-4831

About **Santa Susana Mountain Park Association:**

Santa Susana Mountain Park Association was founded 48 years ago and is a non-profit organization based in Chatsworth, Los Angeles, California.

We represent approximately 700 members and concerned citizens and we partner with many organizations to promote ecological and recreational quality in Southern California.

SSMPA's mission is to preserve and protect the Simi Hills, Santa Susana Mountains and regional open space.

SSMPA Board of Directors:

Wendi Gladstone, John Luker, Teena Takata, Donna Nachtrab, Bob Dager, Darlene Brothers-Wageman,
Warren Stone, Tom Nachtrab, Michael Horton, Sharon Shingai, Dean Wageman

From: Michelle Glittermum
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Wednesday, November 27, 2019 6:01:02 PM

Children are dying. Clean it up. Stop the bullshit.

From: [Libbe HaLevy](#)
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Sunday, December 15, 2019 5:03:45 PM

Hey! You! How DARE you! NASA's Draft SEIS for "cleaning up" the Santa Susana Field Laboratory is a total sham and con job, inadequate for the radioactive and polluted mess that has been made of the site. Trying to duck out on your legal agreement - which was supposed to have you FINISHING the clean-up as of 2017 - is unconscionable. Do you actually think that you are immune to the consequences of your actions? Do you think that money can justify your long-range, slow motion murder of people and future generations by leaving this waste on-site to contaminate people and the environment forever into the future? Can you actually sleep at night? Or have you lobotomized your conscience in order to justify money-saving schemes like *taking out the fire station that could have stopped the Woolsey fire?!?!???* Or do statements like this just give you a good chuckle, that we-the-people think that by protesting your either incompetence or maliciousness we'll make one whit of difference in the outcome? Are you so addicted to money that you can't value life and its future?

Change course. Now. Commit to what you already committed to - a total clean-up of the Santa Susana Field Lab to pre-contamination levels. If not, every time another one of your family members, friends or neighbors - or their children/grandchildren - develop cancer, immune system diseases, autism, or any one of the range of radiation-caused illnesses, know that this is not just some random bad luck; it's your doing. You did it. That is, if you don't step up to your responsibilities and provide a total clean-up of the site.

I damn you to hell if you don't. But then, perhaps you already live there and just haven't recognized the scenery. It looks a lot like an unmediated SSFL.

Libbe HaLevy, M.A., CAC

Tujunga, CA

Nuclear Hotseat - Now in its 9th Year - Downloaded in 123 Countries, Syndicated by Pacific Audioport Network

Libbe's book, YES, I GLOW IN THE DARK! One Mile from Three Mile Island to Fukushima and Nuclear Hotseat, available on [Amazon.com](https://amazon.com) - <https://amzn.to/2wbTNHv>

-----Original Message-----

From: Tirza Haviv

Sent: Monday, November 25, 2019 2:05 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Cc: Yosef Khen

Subject: [EXTERNAL] Santa SusanaField lab cleanup

The Boeing Company found radionuclides in Woolsey Fire smoke on its property including the highly poisonous Polonium-210 (Po-210), a substance 250,000 times more lethal than hydrogen cyanide.

Po-210 is the Russian radionuclide of choice for assassination because of its lethality. Boeing found it **twice** in Woolsey Fire smoke.

We are demanding the 100% cleanup of the Santa Susana Field Lab, because dangerous radionuclides and carcinogenic chemicals have NO PLACE IN OUR COMMUNITY.

Thanks,

Tirza Haviv

Yosef Khen

From: Linda Hawkins
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] A Request
Date: Saturday, November 30, 2019 3:49:42 AM

To Whom It May Concern:

I'm not sure I'm getting accurate information in regard to an issue about which I deeply care, so I'd like to know NASA's side of it. I'm one of the more than 700,000 people who want your agency to clean up the Santa Susana Field Lab, which seems to be causing a huge increase in the number of cases of childhood cancer and death in nearby communities. You may be under the impression that only those at the public meeting you recently held care about this issue, but that's a vast underestimation.

Could you please tell me if it's true that NASA has announced it will not fulfill the promise it made years ago to clean up that site and instead plans to leave 100% of the waste there? Could you also tell me if NASA had a peaceful protestor removed from a supposedly public meeting that was recently held about the issue?

Thank you very much for your time and for any information you could give me.

Linda Hawkins

-----Original Message-----

From:

Sent: Monday, January 6, 2020 2:18 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

I am 64 years old and was a first resident of homes built in 1959, just a few miles away from the site, in Canoga Park (near Valley Circle and Vanowen). That means that I was living there when the meltdown toxic fumes and everything else, was there!!!

I have lost many of my family members from numerous types of cancer, including Hodgekins Disease, colon cancer, lung cancer, pancreatic cancer, brain cancer and breast cancer! Is that a coincidence? I highly doubt it, since the facts show that the SSFL site is full of cancer causing chemicals.

We were promised that it would be cleaned up so that future generations could live a healthier life. NASA needs to do their job and clean up this horrific site with complete cleanup!

Sincerely,
Lori Hawkins

Lori Hawkins

Oceanside, CA 92056

From: Linda Headley
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Wednesday, November 27, 2019 1:10:29 PM

I am appalled, as an American and a taxpayer, that NASA plans to leave 100% of known toxic waste in place at the Santa Susana Field Lab. People are dying from the exposure, many of them children sentenced by NASA to a long and horrific illness and death before they have a chance to live. If our government has money for an unnecessary wall on our border, and money to fund Donald Trump's ubiquitous golf outings, we have money to remediate toxic waste sites near residential areas.

I am equally appalled that NASA removed a peaceful protestor who sought to present evidence of the effects of its plans from a public meeting. This is America, not Turkey or Russia.

Linda Headley

-----Original Message-----

From:

Sent: Tuesday, December 3, 2019 7:22 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

Please clean up the Santa Susana field lab!

Sincerely,

Amy Hikita

, CA

From: Mark Hixon < >
Sent: Wednesday, November 27, 2019 3:39 PM
To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>
Subject: [EXTERNAL] Santa Susana Field Lab toxic waste

Dear NASA,

Please clean-up the toxic waste at your Santa Susana Field Lab in California. That region is my home – my young nieces live nearby. I believe the evidence is sufficient that these toxins pose a substantial public health threat. It is clearly unacceptable to leave any carcinogenic waste in a location so close to a local community.

Thank you for your consideration,
Mark Hixon



Mark Hixon, Professor and
Hsiao Endowed Chair in Marine Biology
Department of Biology
University of Hawai'i at Manoa
2538 McCarthy Mall, Edmondson 216
Honolulu, HI 96822-2216

Office: Edmondson 417
Phone: 808-956-6427
E-mail:
Web: <http://manoa.hawaii.edu/biology/people/mark-hixon>

Outreach:

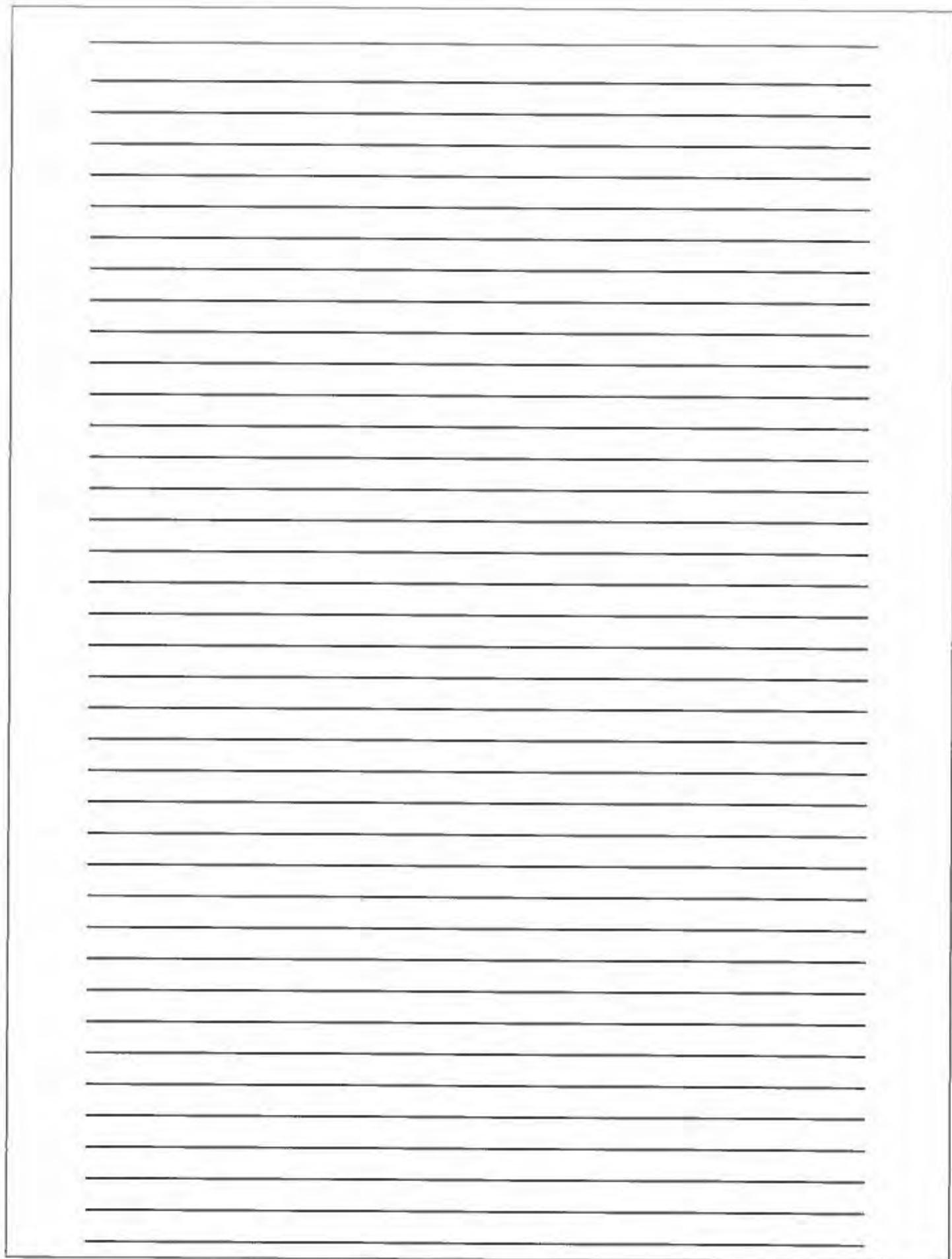
- Civil Beat on [Real White Walkers are Coming](#)
- MAHB on [Why Americans are Letting the Oceans Die](#)
- UH News on [Secrets of Fish Population Changes Revealed](#)
- Pride of Maui on [10 Ways to Save Coral Reefs](#)
- Hawai'i Public Radio on [Science in a Post-Truth World](#) and [March for Science](#)
- [UH News](#) and [Hawai'i Public Radio](#) on ArtSci 2016 – Where Art and Science Meet
- ThinkTech Hawai'i TV on [Big Old Fat Fertile Female Fish](#)
- TED talk on [coral reef conservation](#)
- [Lionfish Invasion](#) web page
- TED talk on [lionfish invasion](#)
- PBS TV on [lionfish invasion](#)

This image shows a sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. The paper is framed by a thin black border. There are 25 horizontal lines in total, starting from the top and ending at the bottom. The lines are thin and black, providing a guide for writing.

From: Robert Janusko
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Carcinogenic Waste
Date: Wednesday, November 27, 2019 12:42:21 PM

If I foul my yard, it is my responsibility to clean it up.
If NASA fouls its site, it is NASA's responsibility to clean it up.
You have a responsibility to America, to me, to my children and grandchildren.
Clean your mess.

Robert Janusko



From: Thomas Keys
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL]
Date: Wednesday, November 27, 2019 12:47:32 PM

Dear NASA,

Do your job!!!! It is unacceptable to leave any carcinogenic waste in a location so close to the local community. Put your kids or other loved ones there. Does that change your mind about it? You don't get the right to use taxpayer funds for research projects then have the demonic carelessness to leave a once virgin site contaminated with all kinds of cancer-causing fallout & chemicals. Do your mother loving job & care about your fellow human being! That is all we common folk ask. If I faced one or many of you face to face, it would not be a good day for you, regardless of whatever law enforcement you cowards hide behind.

Enough said,

Thomas J Keys

Sent from [Mail](#) for Windows 10

My name is Leslie Koch Foumberg and I was born in Van Nuys in 1959 and have lived nearly my entire life in the West San Fernando Valley.

My Father Edward Koch II was employed by Rocketdyne from 1955 through 1966 at which time he left to pursue his music career on The Jerry Lewis Show.

My oldest brother, Edward Koch III was employed by Rocketdyne from 1964-1969.

My Father passed in 1995 at the age of 75 from respiratory issues linked by his doctor to the constant exposure of the toxic fallout at Rocketdyne/Santa Susanna Field Laboratory. He said he had never seen such severe lung damage in a man who never smoked.

In 2009, my brother John Koch was diagnosed with Leukemia at the age of 55, a disease which has no other family history.

In 2017, I was diagnosed with a massive Meningioma which required me to undergo a craniotomy to remove. There is no other family history. I have a very large scar and continue to suffer from that experience with vision and memory issues. I am required to have an annual MRI for the rest of my life, the next is actually tomorrow.

Just this year, my brother Eddie Koch was diagnosed and treated for Renal Cancer. He is 77 and again, no other family history.

My son's childhood friend, Jeremy Lebman lost his father a few years ago at the age of 51 to thyroid cancer. He had lived much of his life in Chatsworth.

I had been in touch with the man behind the making of a documentary called "The Secrets of the Santa Susanna Field Laboratory. I had left him a Facebook message that I had found some old Rocketdyne documents in case he was interested. I will read you his response.

Search



Leslie

Home

Create



The Secrets of the Santa Susana Field Laboratory



15/02/2013, 20:06



The Secrets of the Santa Susana Field Laboratory

OPTIONS

Search in Conversation



MESSENGER LINK

m.me/337364244819

PRIVACY AND SUPPORT



Thank you, I will do that!

17/02/2017, 14:50



I recently closed my business and in going through old files came across some photos of my father's with the Rocketdyne logo and dayed 1962. Also marked "unclassified" Any interest?

1959 as well



and a newsletter called "Rocketdyne Skywriter" dated 5/5/61 about building a sea water conversion plant in Oxnard

06/06/2018, 15:05



I still have these photos and docs from Rocketdyne, including a 5/5/61 newsletter about a trial desalinization plant in Oxnard. Any interest? I'd be happy to meet with you.

29/07/2018, 09:48



Hello Leslie...I have not been checking messages for a while here and for that I apologize. I would love to read what you have although I am stepping back on my documentary a bit at this point. I have been threatened by real estate people as well as others about this page. I guess they feel that by informing people of what happened and what remains a problem is cutting into their sales commissions. I'd love to see what you have...please contact me at stuntpuppy.director@gmail.com. That is my email I use for Motion Picture things. Thanks for contacting me!



Type a message...



From: Mary Kolberg
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] SSFL Cleanup
Date: Sunday, November 24, 2019 3:04:11 PM

Please do your job and clean up the Santa Susana Field Lab. It is unacceptable that you are allowing this contamination to remain and harm our communities. It is noted that you specifically found it in the smoke during the Woolsey Fire, which we all then inhaled. There is no way that is safe. I am raising a toddler and a newborn just a couple miles away and this is a huge concern for our ongoing safety. You signed a commitment to clean this up and you should follow through.

From: Rashmika Kommidi
To: [MSFC-SSFL-EIS](#)
Date: Wednesday, November 27, 2019 2:06:11 PM

Hello, I heard about NASA's intentions to turn their back on Santa Susana and leave all the carcinogenic waste in the field lab. I am very disappointed with how NASA refused to listen to the activists and even had police presence remove them. Through these actions you have made it clear you don't care about the people. Many children in Santa Susana have fallen ill and even died of cancer from exposure to the toxic waste in the field lab. NASA needs to take the initiative to clean up the waste. It is NOT right for you to let the people of Santa Susana suffer because of your refusal to help. This is a democracy, not a dictatorship.



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name DAVID KOWALSKI

Address _____

Affiliation _____

Phone _____

Date 11/21/19

COMMENTS:
(Attach additional sheets if necessary)

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mall to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.

Please note that the deadline for public comments is December 9, 2019.

WHY DO YOU PERSIST IN HAVING
 THESE RIDICULOUS MEETINGS
 TWISTING THE FACTS IS COUNTER
 PRODUCTIVE TO THE CLEAN UP
 OF THE SITE.
 WITH PEOPLE STILL BEING HARMED
 AND NASA DRAGGING ITS FEET
 ABOUT CLEANING UP ITS SITE
 AND TRYING TO RENIG ON THE
 SIGNED AOC AGREEMENT, IS
 SHAMEFUL
 DO THE RIGHT THING

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. The paper is framed by a thin black border. There are 25 horizontal lines in total, starting from the top and ending at the bottom. The lines are thin and black, providing a guide for writing.

From: JULI KRING
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] No carcinogenic waste!
Date: Friday, November 29, 2019 8:46:31 PM

As a mother and a grandmother, I am very concerned for the health and viability of the planet our children and future generations will inherit. We have a duty to our communities, families and most importantly, children to ensure their safety and well being through environmentally sound, sustainable and ***responsible*** policies. The duty to public and environmental health and safety should always be top priority.

So, I strongly urge you to remove any and all carcinogenic waste in a location close a local community, in this case ***specifically***, the Santa Susana Field Lab.

Juli Kring

"But man is a part of nature, and his war against nature is inevitably a war against himself."
~Rachel Carson



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name Khumbani Mancilla
Address _____
Affiliation Resident/parent
Phone _____
Date 11/21/19

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.

Please note that the deadline for public comments is **December 9, 2019.**

COMMENTS:
(Attach additional sheets if necessary)

- o It appears as though you are more concerned about cost and not about health impact.
- o You're trying to get away with doing as minimal as possible
- o There are alternatives to making sure ensuring a clean/safe transportation of these hazardous material. ~~the~~ you can not say that residence ~~will~~ trucks moving material pose a risk. Why can't you ensure safety?

A sheet of white paper with a black border. The interior of the page is filled with horizontal black lines, creating a series of rows for writing. The lines are evenly spaced and extend across most of the width of the page, leaving a small margin on the right side. There are 28 lines in total.



San Fernando Valley Audubon Society

Incorporated as California Audubon Society 1913
P.O. Box 7769 Van Nuys, CA 91409-7769

“For nature education and the conservation of wildlife”

January 8, 2020

Peter D. Zorba
SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304
via e-mail to msfc-ssfl-eis@mail.nasa.gov

Re: NASA Draft Supplemental Environmental Impact Statement for Soil Cleanup
Activities at Santa Susana Field Laboratory

Dear Mr. Zorba:

The purpose of this letter is to provide comments on behalf of the San Fernando Valley Audubon Society (SFVAS) regarding the NASA's Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory at the Santa Susana Field Laboratory (DSEIS SSFL).

INTRODUCTION AND BACKGROUND

SFVAS, founded in 1906, is an approximately 2,000 member chapter of the National Audubon Society organized as a charity under Section 501(c) (3) of the Internal Revenue Code. The chapter boundaries include the zip code areas comprising the SSFL. SFVAS has been actively involved in conserving bird life and their habitats since its founding more than one hundred years ago. More recently, SFVAS has been attempting to conserve birds and their habitats at SSFL, as well as assuring that the site is remediated in a reasonable manner that is protective of public health and other positive values. To these ends, SFVAS established a scientific program of bird monitoring at the lab in 2011 that is continuing. In addition to bird banding, the program includes regular censuses of birds throughout most of the site. As the representative of SFVAS, the first author of these comments has participated in almost every meeting of the former Public Participation Group organized by the Department of Toxic Substances Control (DTSC) and the several technical advisory groups under the auspices of the Environmental Protection Agency and the responsible parties, the Soil Treatment Investigation Group, and attended the educational program known as the Groundwater University. The first author is currently a Section 106 consulting party. SFVAS has submitted comments during meetings and field visits and written comments concerning a number of documents; such as, the National Aeronautics and Space Agency's (NASA's) Draft Environment Impact Statement concerning the remediation of NASA's areas of responsibility at SSFL, the U. S. Department of Energy's (DOE) Draft Environmental Impact Statement, DTSC's Draft Program Environmental

Impact Report, and others.

In addition, SFVAS members have visited NASA administered areas in connection with the agency's, EPA's, and DTSC's cleanup outreach programs. SFVAS members also visit the remainder of the site for recreational and educational purposes, as well as in connection with the bird monitoring program, which includes observing birds in NASA administered areas from adjacent areas of SSFL and from neighboring Sage Ranch. (For inexplicable reasons, with a few exceptions, we have been prohibited from conducting bird monitoring directly from within NASA administered areas.) Activities have included a portion of the SFVAS annual Birdathon (a twenty-four hour period of competitive effort to maximize bird observations among competing groups), bird walks, hikes, tours, and other events organized by The Boeing Company, such as the former "Rocket Walk," which focused primarily on SSFL's role in developing rocket engines for U. S. space and missile defense programs. The first author has also led educational tours at the site for college classes. All of these activities are as unpaid volunteers, as befits a charitable organization.

Finally, numerous SFVAS members reside in close proximity to SSFL, SSFL access routes, or proposed SSFL "contaminant" transport routes. Thus, in accordance with the above, it is reasonable to expect that members *will* be adversely impacted by cleanup activities on the site directly affecting access or the quality of environment there or as a result of transport of "contaminants" through their neighborhoods -- the degree dependent upon the nature of the cleanup. SFVAS, therefore, has a deep and abiding interest in assuring that the cleanup is done in a manner that eliminates or minimizes those impacts.

SFVAS POSITIONS STATED IN PREVIOUS SUBMISSIONS

As noted above, SFVAS has submitted comments previously on EIS and EIR documents produced by NASA, DOE, and DTSC in connection with the SSFL cleanup. Comments on the original NASA Draft EIS were submitted to Allen Elliott in October, 2013. Unfortunately, the subject Draft EIS of those comments did not provide any cleanup alternatives other than that governed by the Administrative Order on Consent (AOC), dated 2010, or the mandatory "no action" alternative required under the National Environmental Policy Act (NEPA). Therefore, because SFVAS regards the AOC cleanup as unnecessarily destructive of the environment, we had no choice but to advocate the "no action" alternative in those comments. However, it has been our consistent policy to advocate a risk-based cleanup that recognizes the likely ultimate disposition of the property as open space parkland or its equivalent. Among others, that policy is stated in the following documents:

- *SFVAS comments on NASA SSFL DEIS*, dated October 1, 2013 submitted to Allen Elliott;
- *San Fernando Valley Audubon Society Comments on the Draft Environmental Impact Statement for Remediation of Area IV and the Northern Buffer Zone of the Santa Susana Field Laboratory (Draft SSFL Area IV EIS) (DOE/EIS-0402)*, dated April 11, 2017, submitted to Stephanie Jennings;
- *San Fernando Valley Audubon Society Supplemental Comments on the Draft Environmental Impact Statement for Remediation of Area IV and the Northern Buffer Zone of the Santa Susana Field Laboratory (Draft SSFL Area IV EIS) (DOE/EIS-0402)*, dated July 15, 2017 to Stephanie Jennings; and
- *Santa Susana Field Laboratory Draft Programmatic Environmental Impact*

Report --Initial Comments and Demands Concerning Egregious Deficiencies in EIR, dated November 20, 2017 sent to DTSC;

- *Supplemental Comments Re: Santa Susana Field Laboratory Draft Programmatic Environmental Impact Report -- Initial Comments and Demands Concerning Egregious Deficiencies in EIR, dated December 7, 2017 submitted to DTSC.*

CURRENT POSITION OF SFVAS

The current position of SFVAS is essentially unchanged from that expressed in the above-referenced documents. That position is that the SSFL soil cleanup must be based on a risk-based open space or parkland standard; *i.e.*, the "recreational standard" described in the DSEIS as "Alternative D." This alternative provides the best opportunities for avoiding adverse impacts to the natural, cultural, and historical resources present at SSFL, while protecting the health of people visiting or working at the site *and* avoiding impacts to surrounding communities and communities through which wastes must be transported.

Given that multiple studies, cited in the DSEIS have concluded that there have been no health impacts to surrounding communities from contaminants originating from SSFL, it would defy logic to invest large sums of money in activities that eliminate non-existent health impacts from the site.

By the same token, it would make no sense to deprive stressed communities of much needed open space by foolishly destroying the beneficial natural, cultural, and historical resources there. Much of that destruction will occur through the direct action of excavation or demolition. However, the removal of significant amounts of productive soil that will be replaced only in small part with fill that will likely be incompatible with the existing habitat will lead to additional degradation, increased erosion, and increased fire danger as invasive plant species come to dominate the site.

ADDITIONAL ISSUES

As discussed above, SFVAS has not been permitted to perform bird monitoring directly on NASA administered property. Previous SFVAS comments had described the recognition of approximately 114 species of birds at SSFL. However, that figure has increased substantially, and that number is now approximately 154 species -- a much greater number of species than reported by NASA wildlife consultants. Clearly, wildlife is flourishing at the site, as further evidenced by the recent presence of families of mountain lions that could only exist where their food source is also flourishing. SFVAS urges NASA not to jeopardize the welfare of SSFL wildlife by yielding to the foolish demands of well-organized and aggressive radical groups or individuals.

CONCLUSION

SFVAS advocates a soil cleanup based on Alternative D, the "recreational standard." This alternative best protects public health and the environment.

Thank you for the opportunity to submit comments regarding this important process.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Osokow". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mark Osokow,
SFVAS, Special Representative for SSFL
Chair, San Fernando Valley Bird Observatory

and

A handwritten signature in black ink, appearing to read "David A. Weeshoff". The signature is cursive and somewhat stylized, with a prominent initial "D".

David A. Weeshoff,
SFVAS, Conservation Chair

From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab Draft SEIS
Date: Sunday, December 15, 2019 11:50:09 PM

Mr. Peter Zorba
SSFL Project Director
NASA

Dear Mr. Zorba:

I am deeply concerned by NASA's Draft Supplemental Environmental Impact Statement for cleaning up contamination at the Santa Susana Field Lab, which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up. This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL.

In 2010 NASA signed a legally binding cleanup agreement with California, committing to clean up all of the contamination, to background levels, by 2017. But NASA failed to even start the cleanup, let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the commitments it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up, all of it, as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

Sincerely,

Marie Mason

Simi Valley, CA 93063

From: Ellen McCann
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Wednesday, November 27, 2019 1:15:13 PM

I grew up believing that the government cared about me and elected officials were looking out for the best interest of the community they serve. How wrong I was. The government and corporations are poisoning our planet and us and won't accept responsibility for it. It is criminal to knowingly harm the people and the planet. Time to stand up, take responsibility, stop adding to the problem and take responsibility for past mistakes.

It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community.

Shamefully disappointed in the human race, me included.

Ellen McCann

Escondido, CA 92027

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From: Claire Miculian
To: [Zorba, Peter D. \(HQ-DA020\); MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Request for Extension of Comment Period for NASA Draft Supplemental EIS
Date: Tuesday, November 26, 2019 5:37:43 PM

Peter Zorba
BRAC PMO West

San Diego, CA 92147

Re: Comments on NASA Draft Supplemental EIS

Dear Mr. Zorba,

I am writing to you regarding my concerns about the delayed releasing of the documents referenced in and relied upon in the NASA Draft Supplemental EIS for SSFL. Three-fourths of the references still have not been released. Although NASA has said they will release the EIS by the end of the week, it does not provide a sufficient amount of time for public review, since two hearings to solicit public comment occurred more than a week before the now-promised release of the documents. And since comments close only on Monday the 9th, basically providing a week for their review. I am therefore requesting an extension for comments of at least 45 days, so the public can properly review and comment on the SEIS. And please do not delay announcing a decision on the extension - please announce it immediately so that people know they have the additional time.

Regards,
Claire Miculian

Peter Zorba
SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304

December 3, 2019

Re: Comments on NASA Draft Supplemental EIS

Dear Mr. Zorba,

After reading through the Draft Supplemental Environmental Impact Statement (SEIS), I have several concerns. NASA signed a legally binding Administrative Order on Consent (AOC) with the DTSC in 2010, requiring it to clean up 100% of the contaminants. However, the SEIS proposes three different alternatives that have far lower cleanup standards, leaving up to 88% of contaminated acreage not cleaned up. These alternatives clearly breach the AOC. NASA does not have the option to opt out of this agreement. Moreover, according to the Resource Conservation and Recovery Act, NASA, as the polluter, cannot decide on how much pollution it should remediate.

NASA tried to justify the need for the SEIS and its proposal of these non-compliant cleanup alternatives by relying on the discovery of 75% more contaminated soil than it had previously thought. However, finding MORE contamination than previously thought cannot be a justification for cleaning up FAR LESS contamination than NASA had promised. These findings of increased amounts of contamination are, however, all the more reason to undergo a full cleanup, and cannot form the basis for an SEIS that proposes to violate the legally binding AOC and clean up much less than it requires.

In addition, the proposed cleanup levels from the alternative plans pose a risk for the people in the surrounding areas and the ecosystem on site. NASA's own comparison tables in the appendices show that its Suburban Residential Cleanup Levels (Alternative C) and Recreational Cleanup Levels (Alternative D) are, for many contaminants, much higher (weaker) than NASA's own Ecological Risk Levels, demonstrating that, contrary to the claims in the SEIS, such an alternative would not be protective of ecological receptors. Furthermore, the levels for Alternatives B, C, and D for many contaminants all exceed, often by large amounts, even the suburban residential levels identified by DTSC in its Standardized Risk Assessment Methodology. NASA appears to have arrived at its far weaker proposed levels by excluding the garden pathway from the suburban residential exposure scenario; there is of course no basis for doing so.

NASA's proposed levels, in addition to violating the AOC and ignoring DTSC's authority under RCRA to set the cleanup standards, are far too weak. If they were adopted, it would make it dangerous for everyone in the area. This contamination left behind can migrate offsite via wind, release during fires, or surface water leaving the site and draining into water sources that pass through neighborhoods, exposing the public to harmful chemicals.

Furthermore, NASA exaggerates the soil volumes required by the AOC for cleanup, by assuming that the contaminated soil at the top layer needs to be removed down 20 feet or to bedrock, where there is no evidence of contamination to such depths at those locations. This is presented in the SEIS where it mentions the soil excavation numbers “represent the upper levels of expected excavated soil quantities and footprint” (p.2-12). NASA is assuming the largest amount of soil excavation under the AOC to try to make this agreement look outrageous compared to their own alternatives, but is doing so by grossly inflating the soil estimates.

Also, NASA has still not made available to the public over 170 documents referenced in the SEIS. I would like to request that these documents are released to the public as soon as possible.

In conclusion, NASA should withdraw its draft SEIS. All of the new SEIS alternatives would violate the AOC NASA signed. Even if there were no AOC, NASA as the polluter doesn't get to decide how much of its pollution it cleans up; that, under RCRA, is the authority of DTSC. I strongly urge NASA to change direction and fully comply with the agreement it signed and the law. Public health and protection of the environment are at stake.

Sincerely,
Claire Miculian

From: Christine Morrissey
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Sunday, December 01, 2019 11:06:19 AM

Dear NASA,

There is no justification for leaving 100% of your toxic and carcinogenic waste on the Santa Susana Field Lab site.

It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community.

It is also unacceptable to lie to the concerned citizens via a calculated disinformation campaign. Shame on the American governmental agencies participating in this cover up of a deadly toxic waste site.

Sincerely,

Christine Morrissey
Appleton, WI
American citizen and tax payer

From: [Ally Pecego](#)
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] SSFL SEIS Comment
Date: Wednesday, December 4, 2019 9:05:12 PM

12/4/19

Dear Mr. Zorba,

I am writing to express my concern over NASA's lack of action in fulfilling its duty to restore the Santa Susana Field Lab (SSFL) back to its normal and safe conditions, i.e., before NASA contaminated it. In 2010, NASA signed a legally binding contract, the Administrative Order on Consent (AOC), stating it would clean up all of the contamination it caused through its damaging environmental practices by 2017. 2017 came and went with NASA doing little to uphold its promise, allowing the toxic chemicals in the land it used to remain.

Then, on November 8th of last year, the Woolsey Fire broke out. The results: 80% of the area in SSFL was burned, releasing carcinogenic material and other detrimental substances into the air, exposing people in the surrounding Los Angeles area which could lead to major health risks. Further, the chemicals that were not burnt in the fire were and continue to be swept away into the hearts of adjacent cities and bodies of water when it rains through runoff.

Now, after years of inaction, NASA has returned with a new proposal, the Supplemental Environmental Impact Statement (SEIS), in which it plans to leave up to 88% of the contamination on site, not cleaned up. However, it is not up to NASA to determine how much of the pollution it is going to clean up -- the AOC it signed, along with a letter from the Council on Environmental Quality, made it explicitly clear that the EIS was only to consider alternatives for *how* to achieve AOC cleanup goals, not whether or not to reach those goals. By proposing illegal alternatives to its promised course of action, NASA has made it very clear it does not intend to take responsibility for the contamination it has fostered and has continuously shown little reliability on resolving this issue.

So, though it is required by law to decontaminate the mess it created, NASA has done little to alleviate the situation and through its negligence, allows the safety of the environment and people to be at risk. NASA must complete its job and remove all of the contaminated soil and polluting substances in the area to ensure the health and security of every person and inch of land in and around the Santa Susana Field Lab. NASA should reverse course and promptly come into full compliance with the AOC it executed.

Sincerely,
Ally Pecego

From: Dawn
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Your actions are unacceptable!
Date: Sunday, December 01, 2019 4:44:49 PM

YOU are unacceptable to leave ANY carcinogenic waste in a location so close to the local community.

kids with cancer as we speak. People stuck with poison homes and land. They cannot afford to sell and move. Who in their right mind would buy?

Buy that land from them and clean it and seal it off, or you are EVIL!!!!!!!!!!!!!!!!!!!!!!

Dawn Peterson
HomeSmart Evergreen
DRE02032202



[Realtor!](#)

[What's My Home Worth?](#)

Sent with [ProtonMail](#) Secure Email.

From: Robert Qua

Sent: Wednesday, November 27, 2019 3:52 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] Santa Susana Field Lab

To whom it may concern,

I recently learned that NASA announced that it plans to leave up to *one hundred percent* of the toxic waste in the soil at the Santa Susana Field Lab site.

Permanently.

This is completely unacceptable.

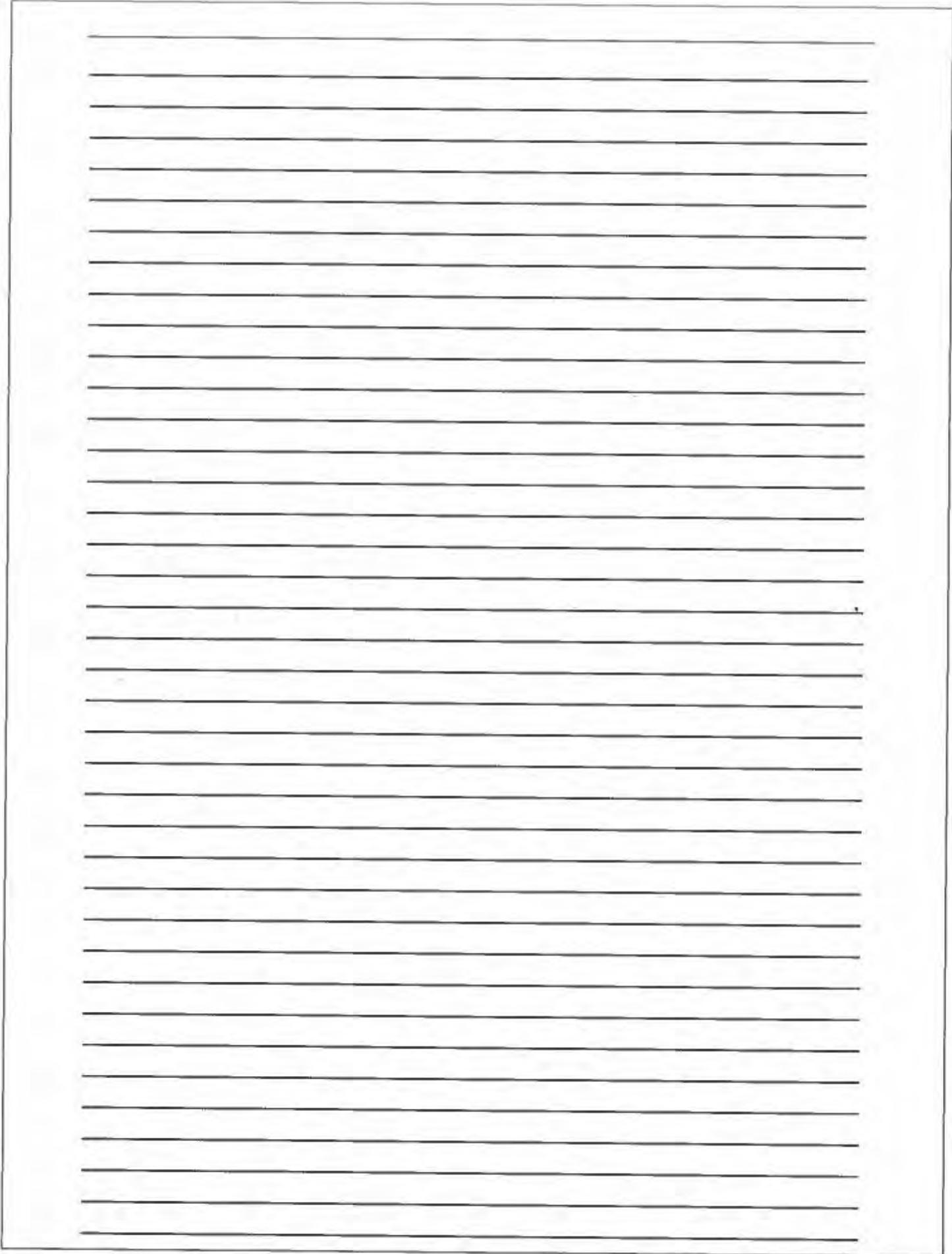
There should not be ANY carcinogenic waste in a location so close to the local community.

There are children and families living nearby and many of them have developed rare cancers that are devastating the community.

As a taxpaying citizen I respectfully ask NASA to rethink this announcement.

Thank you,

Robert Qua



From: [David Hurwitz](#)
To: [MSFC-SSFL-EIS](#); [David Hurwitz](#)
Subject: [EXTERNAL] Fwd: PUBLIC COMMENTS regarding NASA's draft supplemental environment impact statement. DUE on JAN 8,12020.
Date: Saturday, December 28, 2019 1:28:51 AM

Forwarding this to you as it would seem to be in need of attention though I have little hope that the Trump administration would do other than formulate policies to increase pollution and contamination.

Begin forwarded message:

From: Dorri Raskin < >
Date: December 27, 2019 at 6:06:30 PM PST
To: Arline Mathews > Hal Bass
>, Theresa Brady < >, Jodie Cooper
< >,
David Hurwitz < >, Sandy Kaye
< >, Gaby M
< >, RL Miller < >,
" < >,"

Subject: PUBLIC COMMENTS regarding NASA's draft supplemental environment impact statement. DUE on JAN 8,12020.

Hi,
We need to send public comments to NASA regarding the fact that they do not want to clean up their toxic chemicals at SSFL(Santa Susana Field Lab)/Rocketdyne. They want to leave 80% contaminated soil in their portion of SSFL. This is unacceptable. As you know,the toxic metals,and chemicals migrate off site,causing harm to those who live near the site. We are telling them to clean up completely to the agreement on consent that they signed in 2010.; this is a legally binding contract.(NASA's cleanup was suppose to be completed by 2017,but it never started.) Both our public heath and the environment need to be protected from exposures to SSFL/Rocketdyne's dangerous contamination.
The Woolsey fire started on the NASA's land. Both Boeing and NASA dismantled a fire station with 5 modern fire trucks,water infrastructure-they had huge water barrels,pipes, and fire hydrate was dismantled in 2016;instead they placed a small fire station with only one old,1950 fire engine that broke down during the fire. The station was at the entrance to the site.Both toxic chemicals and radiation was released during the fire.

You can write a letter and address it to :Mr Peter Zorba ,SSFL Project Manager, NASA

5800 Woolsey Canyon Road
Canoga Park,CA 91304

or send an email to: msfc-ssfl-eis@mail.nasa.gov

Put in the subject line: NASA DRAFT SEIS(SUPPLEMENTAL ENVIRONMENT IMPACT STATEMENT) You don't need to write out what the seis is.

or You can go online to psr-la.org to sign the letter too. (physicians for social responsibility LA.)

This is DUE on JAN 8,2020.

Sample letter:

Dear Mr Zorba,

I am concerned by NASA's Draft Supplemental Environment Impact statement for cleaning up contamination at the Santa Susana Field Lab,which proposes leaving up to 80% of the contaminated soil in NASA's portion of SSFL not cleaned up.This contamination includes highly toxic chemicals such as trichloroethylene, perchlorate, dioxins, heavy metals, and other hazardous chemicals which migrate offsite, posing a risk to those who live in the area around SSFL/Rocketdyne.

In 2010 NASA signed a legally binding cleanup agreement with California,committing to clean up all; of the contamination, to background levels,by 2017. But NASA failed to even start the cleanup,let alone complete it. I urge NASA to comply with its agreement to clean up all of the contamination at SSFL.

NASA must live up to the law and the contamination it made to undo the toxic mess it created through years of sloppy environmental practices and negligence. Clean it up,all of it,as promised, so that public health and the environment are protected from exposure to SSFL's dangerous contamination.

sincerely,

thanks,
Dorri

From: Elyse Rhodin
To: [MSFC-SSFL-EIS; mscf-ssfl@mail.nasa.gov](mailto:mscf-ssfl@mail.nasa.gov)
Subject: [EXTERNAL] Comment on the Santa Susana Field Lab
Date: Thursday, November 28, 2019 7:31:06 PM

This is a comment on the Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory.

NASA agreed to engage in a complete cleanup of its portion of the Santa Susana Field Lab site in 2010. I think the site should be cleaned up to “background” cleanup standard per the AOC; in truth, I think the site should have been fully cleaned up in such a manner already, by the summer of 2017.

I think that the clean up should include measures to minimize the escape of any contamination into the surrounding area.

Regards,
Elyse Rhodin

From: [Rau, Michelle/TPA](#)
To: [NASA SSFL SEIS comments](#)
Subject: FW: [EXTERNAL] Document Request SEIS
Date: Tuesday, November 05, 2019 6:55:47 AM

From: Coral Richardson < >
Sent: Friday, November 1, 2019 3:32 PM
To: msfc-ssfl-information <msfc-ssfl-information@mail.nasa.gov>
Subject: [EXTERNAL] Document Request SEIS

Peter Zorba
NASA SSFL Project Director

Dear Mr. Zorba:

Upon reviewing the “Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory,” I note that page ES-3, the first paragraph, states, “California State University studies have shown that amending backfill materials to produce soil that is capable of supporting the SSFL ecosystem would result in soil with chemical nutrient levels that exceed the AOC LUT value.”) No citation is given after that claim as to the sources. The exact studies being referenced in that statement are not cited or clearly referenced making it impossible to contribute meaningful analyses of the proposed conclusion. Would you please provide the studies that support this statement, which from the statement are suggested to be multiple studies (plural) from multiple campuses of the Cal State University system?

Secondly, most of the documents in the references section of the draft SEIS have not been made available by NASA. No active URL is provided for most of them, nor has NASA posted any of the references on its SSFL website. Without access to the documents on which the draft SEIS assertions are predicated, meaningful public comment on the SEIS is impossible.

I formally request NASA post all the references cited in the SEIS immediately on its SSFL website, so that meaningful public comment is possible. Failing to do so would give the appearance that NASA has something to hide, and would be contrary to the fundamental requirement of public disclosure and meaningful opportunity for public comment required by the National Environmental Policy Act.

Sincerely,
Coral Richardson

From: Coral Richardson < >
Sent: Tuesday, November 19, 2019 10:00 AM
To: msfc-ssfl-information <msfc-ssfl-information@mail.nasa.gov>
Subject: [EXTERNAL] Fwd: Document Request SEIS

Peter Zorba
NASA SSFL Project Director

Dear Mr. Zorba:

It has been 18 days since my initial email was sent to you addressing my concerns and requesting that the documents referenced in the draft SEIS that should be made easily accessible to the public. Your silence is irresponsible and telling of NASA's intentional neglect to provide sufficient public documentation of your claims.

With this follow up email, I again request NASA to make publicly available all the references in the draft SEIS to allow proper public comments to be made.

Sincerely,
Coral Richardson



----- Forwarded message -----

From: Coral Richardson < >
Date: Fri, Nov 1, 2019 at 1:32 PM
Subject: Document Request SEIS
To: <msfc-ssfl-information@mail.nasa.gov>

Peter Zorba
NASA SSFL Project Director

Dear Mr. Zorba:

Upon reviewing the “Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory,” I note that page ES-3, the first paragraph, states, “California State University studies have shown that amending backfill materials to produce soil that is capable of supporting the SSFL ecosystem would result in soil with chemical nutrient levels that exceed the AOC LUT value.”) No citation is given after that claim as to the sources. The exact studies being referenced in that statement are not cited or clearly referenced making it impossible to contribute meaningful analyses of the proposed conclusion. Would you please provide the studies that support this statement, which from the statement are suggested to be multiple studies (plural) from multiple campuses of the Cal State University system?

Secondly, most of the documents in the references section of the draft SEIS have not been made available by NASA. No active URL is provided for most of them, nor has NASA posted any of the references on its SSFL website. Without access to the documents on which the draft SEIS assertions are predicated, meaningful public comment on the SEIS is impossible.

I formally request NASA post all the references cited in the SEIS immediately on its SSFL website, so that meaningful public comment is possible. Failing to do so would give the appearance that NASA has something to hide, and would be contrary to the fundamental requirement of public disclosure and meaningful opportunity for public comment required by the National Environmental Policy Act.

Sincerely,
Coral Richardson

From: Coral Richardson < >
Sent: Wednesday, December 4, 2019 8:54 PM
To: msfc-ssfl-information <msfc-ssfl-information@mail.nasa.gov>
Subject: [EXTERNAL] Comment on SSFL SEIS

Dear Mr. Zorba

In 2010, NASA entered a legal agreement to clean up the Santa Susana Field Laboratory by 2017. Now, nearly a decade after executing that agreement, NASA is attempting to breach their agreement and produce revised cleanup levels that are up to 3 million times less protective than the original commitments and requirements. The Administrative Order on Consent (AOC) clearly outlined the necessary actions NASA was required to take to ensure the proper restoration of the site. This draft Supplemental Environmental Impact Statement comes in light of the Woolsey fire and the discovery of significantly higher levels of contamination for which NASA is responsible. NASA says it recently discovered the level of contamination it created is 75% higher than previously thought. If such new information of more contamination has any relevance, it would be to require more cleanup. However, the proposed alternatives presented by NASA all would violate the AOC, leave uncleaned up the majority of contaminated soil, and is dangerous and inappropriate, considering the state government toxics agency has the authority for regulating cleanup levels, not NASA. Most importantly, the AOC is a legally binding document that was executed in 2010 and those standards cannot legally be changed unilaterally by NASA. Any effort by NASA to disobey the requirements of the AOC would be illegal, as that is a breach of the contract.

Regardless of the legally binding AOC, as a government organization, NASA's goal throughout the cleanup process should be to promote health and safety of the residents who must now bear the effects of residual contamination. The proposed clean up alternatives leave up to 88 percent of contaminated acreage not cleaned up, which would lead to these dangerous chemicals running into local communities and leaching into groundwater. In addition to attempting to walk away from its cleanup responsibilities, the standards NASA is instead proposing to use are far weaker than even suburban residential standards, considering NASA, with no basis, excludes the required residential garden pathway. It is important for the AOC standards to be upheld to ensure the safety of the environment and local residents. While NASA falsely claims its proposed levels of toxins are safe for the community, which they clearly are not, even NASA's own SEIS tables show that such pollutant levels proposed to be left in place at SSFL are not safe for plants and animals that coexist in the area. NASA also continues to inflate estimates for soil excavation to make a false PR case for less responsibility on the site. This is even stated in the report as they mention the numbers which represent the upper levels of anticipated soil removal.

I strongly urge NASA to withdraw the draft SEIS and start complying with the AOC it signed and is legally bound to follow.

Sincerely,
Coral Richardson



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name CHARLENE ROTHSTEIN
 Address _____
 Affiliation WEST HILLS Neighborhood Council (WHNC)
 Phone _____
 Date Nov. 21, 2019

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:
 E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"
 Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.
 Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.
 Please note that the deadline for public comments is December 9, 2019.

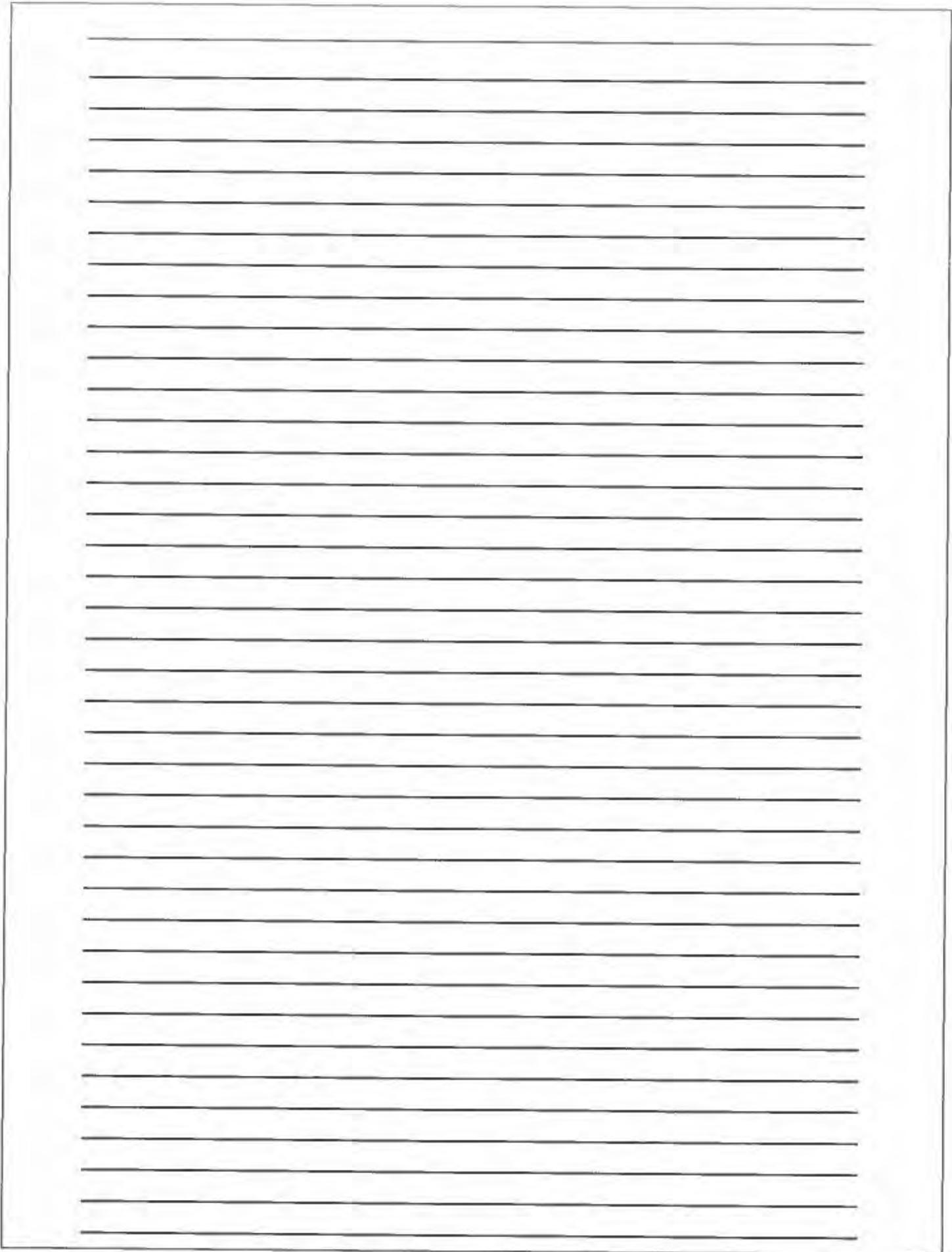
COMMENTS:
 (Attach additional sheets if necessary)

The West Hills neighborhood Council (WHNC) has taken a formal position in support of a health risk based clean up. Clean up to a level that is safe. Please refer to the letter submitted by the WHNC.

Thank You,
 Charlene Rothstein
 WHNC/VP
 member of the Environment Committee

my Personal opinion based on 20 years of involvement with SSFL: I believe it would serve the community well if all agencies agreed to a clean up to PARKLAND, no homes, no agriculture with as much on site clean up as possible and of course, health risk based.

Thanks again,
 Charlene Rothstein





WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name BRUCE ROWE
Address WEST HILLS
Affiliation _____
Phone _____
Date 11/21/19

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

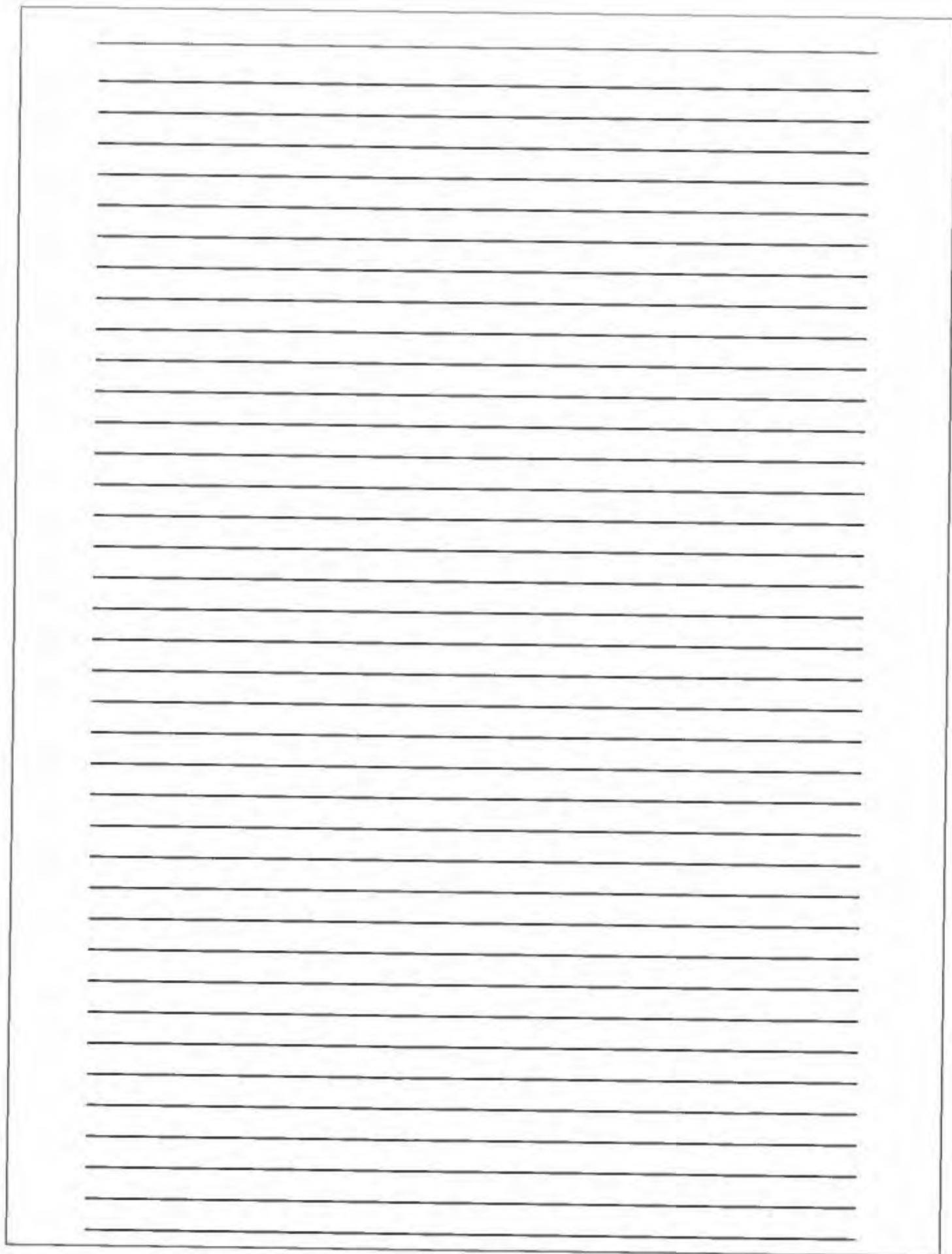
Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.

Please note that the deadline for public comments is December 9, 2019.

COMMENTS:
(Attach additional sheets if necessary)

Use a risk based clean-up that protects human health and also protects an important wildlife corridor.



From: Christine Rowe <>
Date: Wednesday, January 8, 2020 at 7:43 AM
To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>
Cc: "ZORBA, PETER D. (HQ-RA000)" <peter.d.zorba@nasa.gov>, "Williams, Meredith@DTSC" <Meredith.Williams@dtsc.ca.gov>
Subject: [EXTERNAL] NASA SSFL SEIS COMMENTS

Dear Mr. Zorba,

Attached are my comments to NASA SSFL and copied to DTSC Director Dr. Williams.

It is my hope that NASA and DTSC will be able to renegotiate their cleanup standards for the SSFL site based upon NEPA, CEQA, the Nine Balancing Criteria of CERCLA, and the desire to have this site cleaned up by my community three years ago rather than 25 years in the future.

We all know that litigation by any party will just delay the cleanup further as I believe has happened with the litigation over SB 990 and now the litigation by PSR- LA et al v DTSC et al which is now in its Appeal process.

I have seen the posturing related to litigation in documents referencing the City of Los Angeles, the State of California, and by NASA. I personally believe that if science and logic were to win in a Court of Law, that NASA would prevail in their arguments for a risk based cleanup rather than the AOC.

This is a link to an email I got from the Court relative to that litigation mentioned above:
California Court of Appeal Case Notification for: C088821



Notify@jud.ca.gov

Fri, Jan 3, 2:20 PM (5 days ago)



to me



, the following transaction has occurred in:

Physicians for Social Responsibility - Los Angeles et al. v. Department of Toxic Substance Control et al.
Case: C088821 3rd District

Date (YYYY-MM-DD): 2020-01-03
Event Description: Requested - extension of time.

Notes:
Appellant to 3/9/2020 to file AOB.

For more information on this case, go to:
https://appellatecases.courtinfo.ca.gov/search/case/dockets.cfm?dist=3&doc_id=2278105&doc_no=C088821&request_token=OClwLSEmXkw%2BWzBBSCJNVEtUfW6UTxbKyBeJzhTLDtOCg%3D%3D

I have also attached the Woolsey and Hill Fire cleanup document which are mind boggling to me because they do not contain any chemicals of concern such as Dioxins and Furans which we expect to see in fires.

And I also attached Dr. Mack's Power Point at the DTSC Open House in the Spring of 2014. That is the most recent SSFL health study.

*Respectfully submitted,
Christine L. Rowe*

West Hills Resident of 42 years of the Nearest Communities - see map: NASA SEIS page 152 Adobe

From: MSFC-SSFL-EIS
To: [Zorba, Peter D. \(HQ-DA020\)](#); [Rau, Michelle/TPA](#); [McDonough, Christina/COS](#); [Manes, Lori \(MSFC-AS01\)\[NOREAS INC\]](#)
Subject: FW: [EXTERNAL] 100% clean up
Date: Friday, November 22, 2019 5:48:43 AM

1 of 2

-----Original Message-----

From: Tiffany Ruiz <>
Sent: Thursday, November 21, 2019 11:36 PM
To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>
Subject: [EXTERNAL] 100% clean up

Please clean up the SSFL 100%. We deserve to have radioactive materials not stay in our backyard. How can you sleep at night knowing you might make a huge mistake like this? It's up to you. Do the right thing.

Tiffany Ruiz
Simi Valley

Sent from my iPhone



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 20, 2019

(6:30 pm at the Best Western Posada Royale; 1775 Madera Road, Simi Vally, CA 93065)

Name Lauren Sanders
 Address _____
 Affiliation _____
 Phone _____
 Date 11/20/2019

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

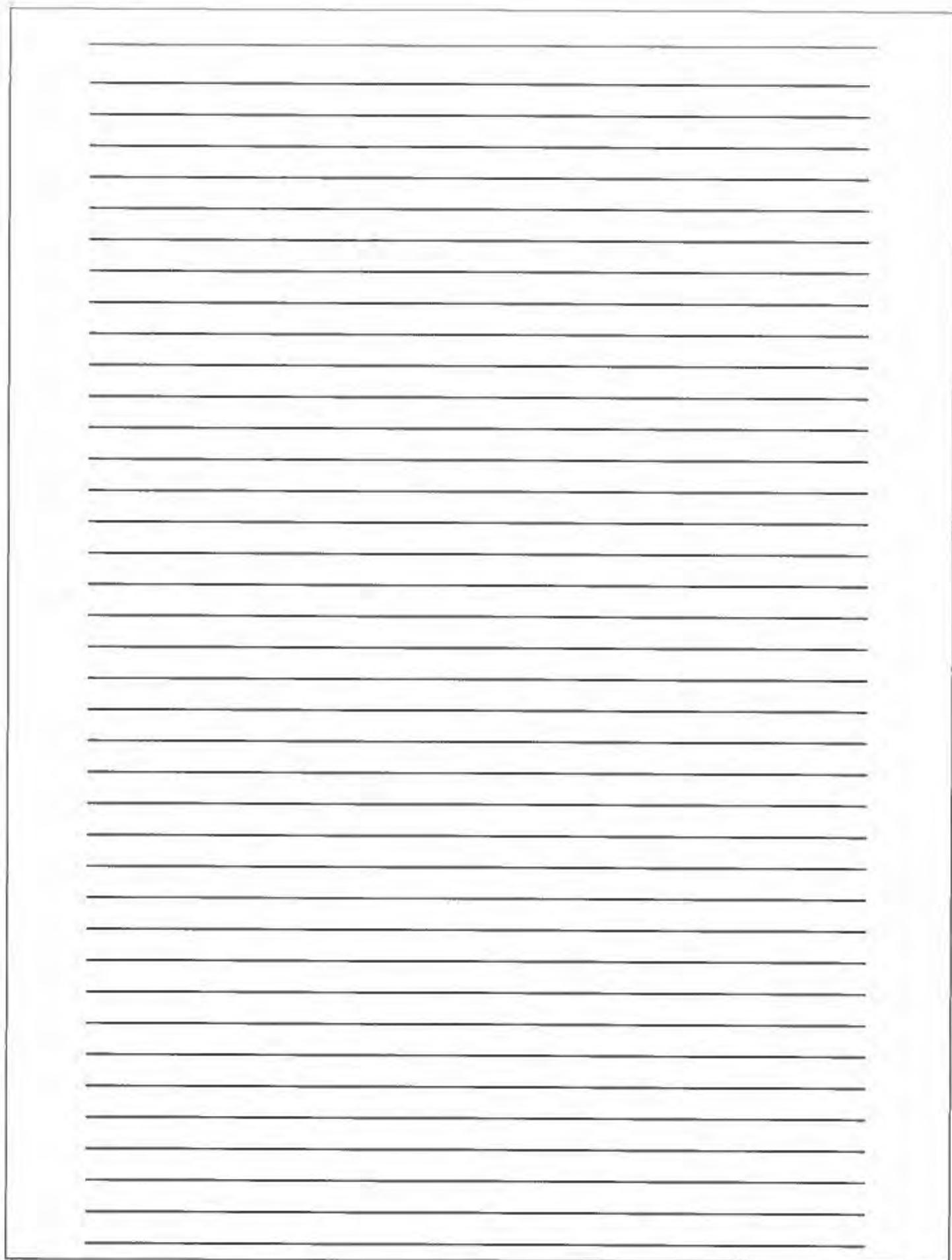
Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.

Please note that the deadline for public comments is December 9, 2019.

COMMENTS:
 (Attach additional sheets if necessary)

He did nothing wrong to anyone.
Dr. Hirsch did nothing wrong. Did not
touch or harm anyone.

To have no pain for causing cancer,
death or immune issues. No God will accept this
or look at Nasa as right.
This was wrong.



From: Steve Stansbery
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Wednesday, November 27, 2019 2:18:02 PM

The contamination in place has been responsible for clusters of otherwise rare cancers.
Leaving it in place is unacceptably negligent.

January 7, 2010

Mr. Peter Zorba
SSFL Project Director
5800 Woolsey Canyon Road
Canoga Park, CA 91304

Subject: Comments on National Aeronautics and Space Administration Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at the Santa Susana field Laboratory.

Dear Mr. Peter Zorba,

Thank you for the opportunity to review and comment on the subject document. I have been involved with the SSFL for over twenty-eight years, first as an on-site employee tasked with improving the environmental conditions of the site, then as a long-time neighbor advocating for a responsible cleanup focused on preserving the many cultural, historical and natural features present. I recognize and appreciate both your and NASA's dedication towards achieving those goals.

The document is reasonable, adequate and explored thoughtful alternatives.

After careful review of the subject document, I found it to be generally well organized and thoughtfully presented. It realistically examines the problematic consequences of the intractable AOC -driven clean up standard and provides several workable alternatives. I believe the evaluated alternatives (with some exceptions) are reasonable and adequately address the overall regulatory requirements for successful site restoration.

Explanation of the offsite health risks presented

The surrounding community is keenly interested in the health effects resulting from the on-site contamination remaining at the SSFL. The document included a plain-language summary of outcomes from a number of studies conducted to determine the presence of health effects on the neighborhoods surrounding the SSFL (section 3.7.1.4). Since the activities have not resulted in offsite effects to nearby residential communities, it is appropriate to conclude that any of the action alternatives (i.e., AOC, Revised AOC, Suburban Residential or Recreational) will not increase (or decrease) the health of the surrounding residents. Since the site does not now pose a health risk to the community, all alternatives will provide the same zero health risk to nearby residents.

The replacement soil volume is too low and should be re-evaluated.

All alternatives assume only one-third of the replacement soils will be returned to the excavated areas having an original soil depth of two feet or less (see Table ES-2 note c). Shallow areas such as streams and low areas subject seeps and springs generally support a significantly greater extent of localized biota than that of areas having deeper soil columns. These areas provide habitat for aquatic life and support a significant food chain. Reducing the depth of soil in shallow areas will by necessity increase exposed bedrock and will have significant negative and long term impacts to the recovery of native plants and other biotas in formerly verdant areas.

The decision to limit the amount of replacement soils in formerly shallow areas is not explained or justified and requires formal consideration.

The textural properties of replacement soils must be considered.

To date NSAA has considered the chemical and microbial properties of possible replacement soils but not the influence of replacement soils having different textures on the long-term recovery of remediated areas.

The US Department of Agriculture has identified soils within the remediation area as having a sandy loam soil texture¹ Soil texture describes the makeup of soil in terms of the relative amount of large (sand), medium (silt) and small (small) particles. In general, soils composed of mostly large particles (such as sand loams) hold less water while those having a majority of small particles (clays). Research has shown that soil texture modulates soil microbial activity and may be used to estimate the success of ecosystem rehabilitation²

One must assume NASA may import up to 448,000 cubic yards of any fill material that meets the AOC standard for background chemicals and a general dictionary definition of soil. Simply put, NASA may use any replacement material ranging from heavy clay to sandy gravels to cover up to half of their 451-acre area.

The importation and deposition of dissimilar fill materials will result in significant negative, avoidable and long term impacts on the long term viability of the NASA remediated areas at SSFL. Soil column moisture regimes will be changed thereby promoting the growth of non-native plants, permanently affecting attendant wildlife food sources and possibly migration

¹ Soil Conservation Service. Soil Survey, Ventura Area, California. US Department of Agriculture. 1970. Plate 46. https://www.nrcs.usda.gov/Internet/FSE_MANUSCRIPTS/california/venturaCA1970/venturaCA1970.pdf.

² Bach, Elizabeth & Baer, Sara & Meyer, C. & Six, J.. (2010). Soil texture affects soil microbial and structural recovery during grassland restoration. Soil Biology and Biochemistry. 42. 2182-2191. 10.1016/j.soilbio.2010.08.014

patterns. Increased soil erosion may cause additional sediment loading at the SSFL outfalls. Surficial weathering patterns will be impacted and groundwater recharge may be negatively affected. Finally, vegetation supporting Native American traditional practices may not be available to future generations within nearly half of the NASA area because these plants may not thrive in the replacement fill.

NASA must consider the use of replacement fill materials having a dissimilar texture than those removed.

Future land use of agriculture and housing

The Ventura County Board of Supervisors provided comments to the subject document dated December 17, 2019. The supervisors declared the current land use of the NASA-owned property is open space and that NASA has incorrectly concluded the future land use would be limited to recreational. The Ventura County Supervisors went on to state their support for the AOC cleanup because it offers the possibility of future housing development within the NASA property. As discussed above, without intervention, NASA may be an unwitting enabler by removing the native habitat throughout two hundred twenty acres and creating a site suitable only for housing developments.

At least one Native American tribe has expressed interest in recovering ownership of the NASA properties when site restoration is complete. Given their long history of association with the site, it's realistic to believe the forthcoming tribal members expect a land similar to that experienced by their ancestors. I share that expectation and I believe NASA does too.

Our responsibility to preserve this land looks beyond the present conflicts and into all future generations. With the dedicated assistance of NASA, this land will continue to be a place where people gather to admire its natural beauty and proud past.

Sincerely,



Brian Sujata

Thousand Oaks, California



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name Gina THORNRUNGAN
 Address _____
 Affiliation Coalition for Valley Neighbor-
hoods
 Phone _____
 Date 11/21/19

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.

Please note that the deadline for public comments is December 9, 2019.

COMMENTS:
 (Attach additional sheets if necessary)

Dear NASA:

I am deeply concerned that you are planning to break the legally binding 2010 AOC made with the CA DTSC. I find it irresponsible and indefensible to leave up to ~~the~~ 70% of the contamination in place.

Also threatening democratic process ~~is~~ are your refusal to make up to 75% of the references in your draft SEIS available to the public and your holding of these open-house-style meetings at obscure, private locations. You appear to be engaging in a concerted effort to withhold the information the public needs to check your activities.

The carcinogens and other toxins underlying and flowing off of the SSFL have posed a grave risk to human health for decades. Scores of people in nearby areas have died or suffered from an array of cancers, particularly very rare cancers. The risk to human health of leaving the toxins in the ground are too great to ignore. The standard for the clean-up should be risk, in perpetuity, to human health, not whether a beautiful place loses its beauty. We must agree to sacrifice the flora and fauna of the contaminated zones through a full AOC-binding clean-up because this is the consequence of our former collective folly. →

Our scientific, engineering, aerospace, and R+D communities made terrible mistakes in the way they handled these toxic materials, including uranium, plutonium, TCB, perchlorate and many others.

Cleaning up SSFL according to the AOC will acknowledge and atone for the disastrous mistakes of the past. It will also acknowledge the value of present and future human life.

Please do the right thing. Move forward with the AOC.

Gina K. Thompson, PhD
Woodland Hills, CA
Coalition for Valley Neighborhoods.

From: Margaret Tolberg
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] 100% cleanup of the Santa Susana Field Lab!
Date: Tuesday, November 26, 2019 5:19:41 PM

We must have 100% cleanup of the Santa Susana Field Lab!

Per Enviroreporter.com, "The Boeing Company found radionuclides in Woolsey Fire smoke on its property including the highly poisonous Polonium-210 (Po-210), a substance 250,000 times more lethal than hydrogen cyanide."

And Boeing, NASA and the Dept of Energy say they should be able to leave up to 100% of their contamination because it's not hurting our community.

These dangerous radionuclides and carcinogenic chemicals have NO PLACE IN OUR COMMUNITY.

Sincerely,
Margaret Tolberg
Concerned Citizen



WRITTEN COMMENT CARD
**Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory**

PUBLIC MEETING
November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name

JOAN TRENT

Address

Affiliation

West Hills Neighborhood
Council

Phone

Date

NOV. 21, 2019

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

Project information will be posted, throughout the EIS process, at <https://ssfl.msfc.nasa.gov>.

Please note that the deadline for public comments is December 9, 2019.

COMMENTS:

(Attach additional sheets if necessary)

- ① TRUCK TRANSPORT OF CONTAMINATED SOIL
1. safety concern for community that trucks travel through carrying the contaminated soil.
2. Trucks need to be sealed!
this is a serious concern!
- ② PLEASE CLEAN THIS SITE now instead of ~~the~~ allowing it to "drag on and on!"
- ③ There are many "TERMS OF ART" being used to describe the desired safe land. I want it safe to be able to breath the air, ~~the~~ walk the land, touch the water run-off, and let my dog run and eat the grass. This may sound silly, but it is not silly! Wild animals will be walking through and the soil should be safe for all living creatures, people and animals.



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING

November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name Joan Trent

Address _____

Affiliation WHNC

Phone _____

Date Nov. 21, 2019

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods:

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304.

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COMMENTS:

(Attach additional sheets if necessary)

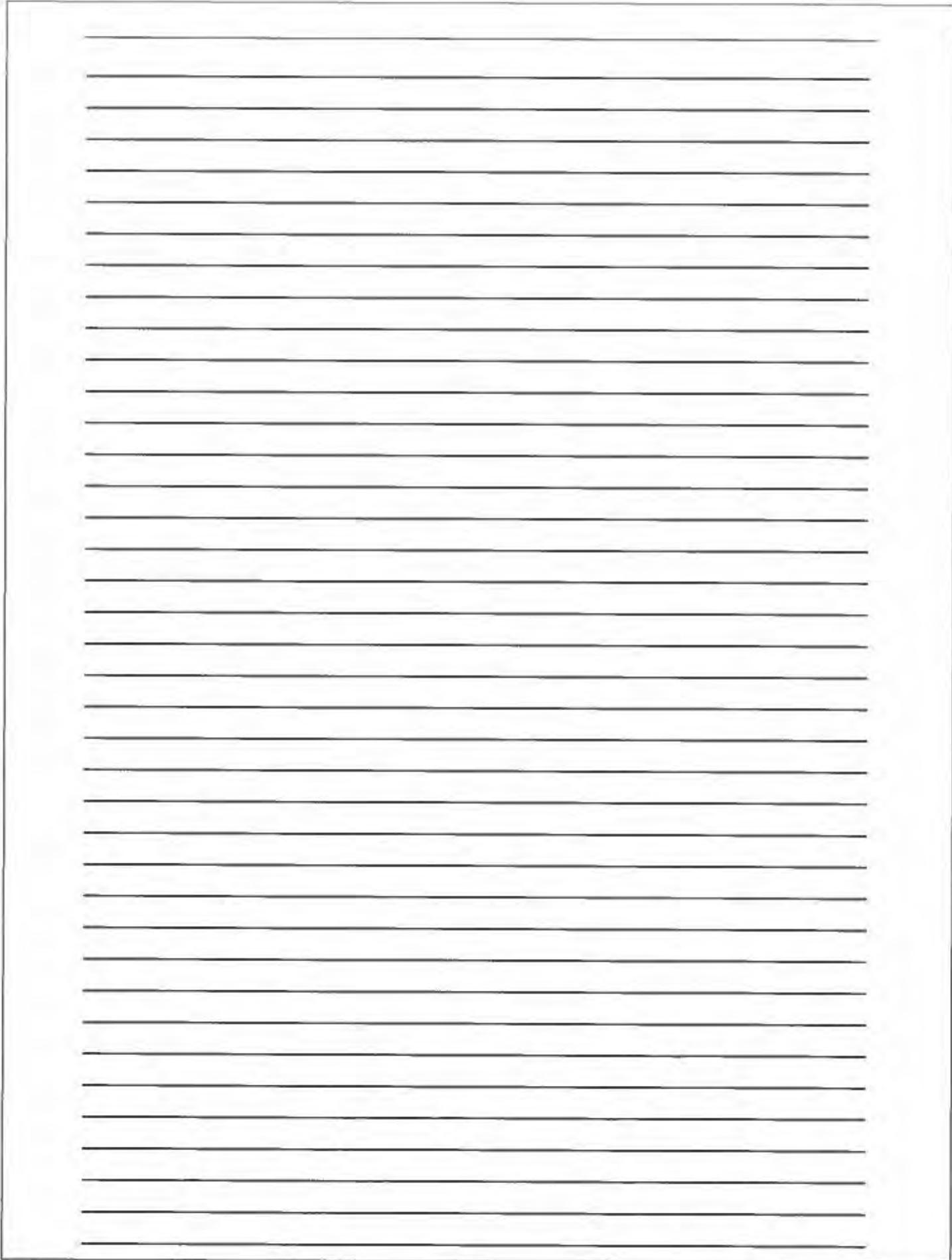
1. Some people want to be able to grow marijuana on the soil — can you clean it to that level. This would be termed agricultural level.

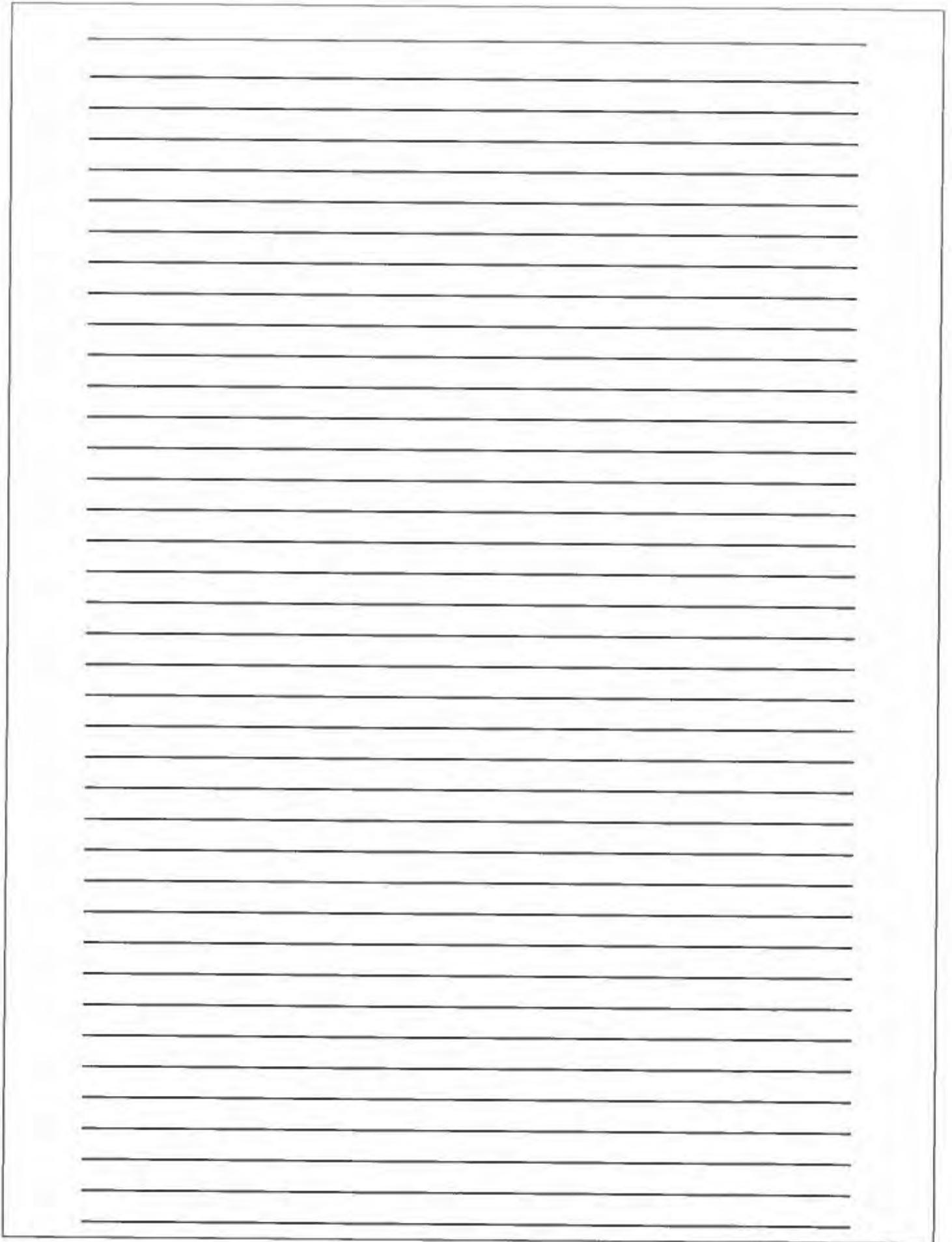
2. Can wild animals eat growth on this land? Is it safe? It should be.

3. Is the water run off safe for us to drink — safe for wild animals? It should be.

4. I am asking simple questions not as a scientist but as a community member.

5. There is no excuse for allowing this area to be a poison area! Please do the right thing...





From: Liza Tucker

Sent: Wednesday, January 8, 2020 5:59 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] NASA Draft SSFL SEIS COMMENT FROM CONSUMER WATCHDOG, Los Angeles, CA

Dear Mr. Zorba:

NASA's draft Supplemental Environmental Impact Statement proposes three new alternatives for addressing the contamination at the Santa Susana Field Laboratory. Each of them would leave the majority of the contamination not cleaned up. Each would be in breach of the Administrative Order on Consent (AOC) that NASA signed and is legally bound by. NASA does not have the authority to pick any of those alternatives, as they would violate the AOC.

Even were there no AOC, NASA, as the polluter, does not get to choose how much of its pollution it will clean up; that power rests with the state regulatory authority.

We urge NASA to withdraw the SEIS and start to expeditiously comply with the AOC.

Sincerely,



Liza Tucker
Consumer Advocate
Consumer Watchdog

Liza Tucker
Consumer Advocate Consumer
Watchdog
6330 San Vicente Blvd, Suite 250

Los Angeles, CA 90048
Cell: 626-372-1964

NEPA REBUTTAL NEPA REBUTTAL

NASA'S DRAFT SEIS IS ILLEGAL AND VIOLATES THE 2010 AOC CLEANUP AGREEMENT.

In 2010, NASA signed an Administrative Order on Consent (AOC) with the California Department of Toxic Substances Control (DTSC), committing to clean up *all* contamination on its portion of the Santa Susana Field Laboratory (SSFL) to background levels—in essence, returning the site to the condition it was in before NASA so heavily polluted it.

NASA does not have the authority to choose not to comply with this cleanup agreement. In 2011 and 2012, NASA got in trouble with DTSC and the Council on Environmental Quality (CEQ)—the federal agency with primary authority to interpret National Environmental Policy Act (NEPA) requirements—for proposing an Environmental Impact Statement that would have included alternatives that would violate the AOC. **CEQ told NASA in 2012 that “there is no requirement that NASA consider alternatives that cleanup to other standards that differ from the agreement NASA signed with the State.”** Further, because NASA must comply with the AOC, which requires NASA to clean the site to local background levels, “NASA is not compelled to consider less comprehensive measures as alternatives.” (Letter from CEQ Chair Nancy Sutley to Senator Barbara Boxer, June 19, 2012).

Even if the AOC did not exist, NASA, as the polluter, does not have legal authority to determine how much of its pollution it will clean up. That authority is delegated under hazardous waste laws to the Department of Toxic Substances Control (DTSC). Nonetheless, NASA has now again issued a draft Supplemental Environmental Impact Statement (SEIS) proposing to break its obligations under the AOC and DTSC's directives and instead choose to leave the majority of its contamination not cleaned up. This is illegal and a direct threat to public health and the environment.

NASA asserts it is preparing this Supplemental EIS because of “significant new information”—primarily that it has discovered that there is 75% more contamination on its property than it previously estimated. One would think that such a discovery of more pollution would result in more cleanup. However, NASA has instead proposed to radically reduce the amount of cleanup it does.

**CLEAN UP
OVERSIGHT IS
THE JOB OF THE
REGULATOR,
NOT THE
POLLUTER .**

- Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §6901 et seq

NASA'S DRAFT SEIS IS ILLEGAL AND VIOLATES THE 2010 AOC CLEANUP AGREEMENT.

NASA, a publicly funded entity, hosts public meetings at private venues...

Provides a court reporter to receive testimony on the concerns of a public document, circumventing the Public Forum process...

Whereas the public, and those impacted by the non-cleanup of SSFL, are unable to hear from those that have analyzed the data. Unable to share our collective experiences and knowledge is a disservice to our communities.

I, and many, are extremely disappointed by this seemingly orchestrated event to silence those the want the full cleanup and the legal binding AOC agreement to be fulfilled!

Alternative A

is still the only way!

From: Keith Vega
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] No more kids with cancer: clean up the Santa Susana Field Lab
Date: Wednesday, November 27, 2019 12:52:14 PM

It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community. And removing a peaceful protester is reprehensible. Your agency ought to be ashamed of itself, but unfortunately it is probably proud instead. NASA is disgraceful.

Keith Vega

From: Suzanne L Villard
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susanna Field Lab
Date: Thursday, November 28, 2019 7:06:02 AM

NASA

Dear Sir/Madam,

I have been watching a presentation about the proposed cleanup and a refutation by members of the public who are very concerned because of cancers in children in the area.

I am asking that you hear out their evidence in a public manner. The truth will always come out eventually. If these people are right and you do not take their concerns into consideration it will only be worse down the line.

We live in a world of contamination. We must learn how to deal with it. Hiding our head in the sand won't solve any of it. Please hear these people out and put yourselves in their shoes for a while. You will save both money in the long run and your reputation.

Suzanne Villard
Port Charlotte, FL

Sent from my iPhone

From: Keynes Von Elsner
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Either Or
Date: Wednesday, November 27, 2019 1:57:20 PM

Hi,

You need to remove all the toxic chemicals from Santa Susana without further delay or else you need to relocate your headquarters to the Santa Susana to prove that you sincerely believe the area to be non-toxic.

From: Anna Wada < >
Sent: Thursday, January 9, 2020 12:37 AM
To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>
Subject: [EXTERNAL] SSFL DSEIS Comment

2020-Jan-08

Dear Mr. Zorba or whomever this may concern,

I am writing to you in regards to my concerns about NASA not complying with the Administrative Order on Consent (AOC), its contracted agreement with the California Department of Toxic Substances Control (DTSC) to clean up the areas of pollution at NASA's responsible portions of the Santa Susana Field Laboratory (SSFL). The cleanup was promised to be done by the year 2017 when the agreement was signed in 2010, yet as we enter this new decade the efforts of mitigating the pollution have not yet begun. Instead, NASA has proposed a Draft Supplemental Environmental Impact Statement (DSEIS) that is attempting to nearly double back on its commitment to clean up the SSFL contamination. NASA has claimed there are much higher values for volumes of soil that must be excavated if it were to use the required AOC Look-Up Tables (LUT). NASA does not have the authority to propose Cleanup Alternatives that do not act in accordance with the legally bound commitment. I view the proposed DSEIS as NASA's inability to obey the AOC and this failure are putting human health and the environment at more risk.

The DSEIS is merely an attempt to dismiss NASA's obligations under the AOC to clean up the contamination and should have consequences of punishment through legal action. The alternative cleanup proposals that are made in the DSEIS is a foreshadow of indicating direct threats to the public and the environment. NASA has deliberately stated that there is 75% more contamination in the soil than it has originally estimated in 2014. As NASA openly admits to the fact that there is more contamination than they have previously discovered yet attempts to continue with their agenda of noncompliance with the AOC and orders of the DTSC. I am beginning to wonder if NASA has thought of the idea of the contamination spreading due to the resistance of the cleanup from the years they were supposed to act upon the pollution they have created. The Alternatives that NASA proposed on the DSEIS decrease the action of cleanup up to 88% of their pollution. NASA needs to acknowledge that the proposed Alternatives violate the laws for regulating hazardous and toxic waste as per the AOC.

NASA clearly states in the DSEIS its Purpose and Need for Action is "to use the best

available science and technology to achieve soil cleanup swiftly and in a manner that reduces impacts to the community and protects public health, the environment, and cultural resources.” However, the Alternatives proposed in the DSEIS seems to highly contradict the purposes and goals excluding the considerations of the binding obligations NASA must comply with in accordance with the AOC. NASA attempts to reason for incompetence by reinstating its troubles and issues of Limited Treatment Technologies and Availability of Suitable Replacement Soil. However, the claims made on these issues were done by NASA with no scientific or referenced evidence of these risks and the Alternatives seem to be full of options of Soil Treatment Technologies. Indeed, NASA’s own Soil Treatability Studies Summary Report, which is not cited at all in the DSEIS, found that many of these treatment technologies would be fully capable of meeting the LUT values NASA is required to under the AOC. NASA believes that the option of Monitored Natural Attenuation (MNA) is a legitimate cleanup technology, but it’s simply another phrase of flowering their way out of a true cleanup, as “MNA” is really just a fancy phrase for “leave it in the ground.”. The insurance of the reliability for treatment technologies seems to be absent. There were also attempts of eliminating some Alternatives and Options that would be beneficial in protection to the public and the environment such as the Additional Risk-Based Cleanup Standards, Additional Cleanup Technology Options, and Additional Soil Transport Options. The DSEIS is an attempt to argue that NASA will only have to contribute to the bare minimum of Alternative C - Suburban Residential Cleanup which is eliminating nearly half of the original AOC cleanup they must commit to. NASA sizably increased the volumes of soil that need to be excavated in the DSEIS to beg for mercy in the incapability to commit to a large area that must be cleaned up. Again, however, the revised LUT values have no references on how they measured those numbers available to the public. Making assumptions about the contamination measurement should not allow them to be dismissed from their remediation efforts of restoring the natural environment - in other words, it doesn’t make sense to claim there is more contamination and that therefore you are considering doing less cleanup.

It has also come to my attention that nowhere in the DSEIS mentions the tragic incident of the Woolsey fire that occurred in November of 2018. There have been reports regarding that the fire has begun at NASA’s portion of SSFL. If that statement were to be true, I’d assume it should be indicated in the analysis of the LUT and newly reported numbers of the contamination levels in the DSEIS. The Woolsey Fire should also be a re-evaluation of NASA’s Best Management Practices (BMP) as stated in their DSEIS for their SSFL in order to ensure the prevention of wildfires in the near future to mitigate the ongoing effects of climate change.

The DSEIS is an attempt to be released from the AOC commitments they have legally contracted to in 2010. I cannot accept the Alternatives that have been proposed by them because it can potentially leave the local communities, public, and the environment at risk for continuous damage from the pollution they have created due to the decades of mismanagement of the land. They have not properly published an Environmental Risk Assessment (ERA) for their proposed alternatives, but nevertheless, NASA must be held accountable for the failure to comply with agreements with the DTSC and AOC contract of their pollution cleanup. It has been 3 years since the cleanup was supposed to be finished and NASA has still not even began operations of mitigating their pollution. NASA must come clean and began to take responsibility for its liability under the AOC.

Sincerely,

Anna Wada



WRITTEN COMMENT CARD
Draft Supplemental Environmental Impact Statement for
Soil Cleanup Activities at Santa Susana Field Laboratory

PUBLIC MEETING
November 21, 2019

(6:30 pm at the Corporate Pointe at West Hills; 8411 Fallbrook Avenue, West Hills, CA 91304)

Name Michael Walsh
Address _____
Affiliation resident
Phone _____
Date 11/21/19

We welcome your participation. You may submit comments at the Public Meeting by either of the following methods

E-mail: msfc-ssfl-eis@mail.nasa.gov, with the subject line "NASA Soil Cleanup Activities at SSFL"

Mail to: Peter Zorba, SSFL Project Director, RE: NASA Soil Cleanup Activities at SSFL, 5800 Woolsey Canyon Road, Canoga Park, CA 91304

Project information will be posted throughout the EIS process, at <https://ssfl.msfc.nasa.gov>

Please note that the deadline for public comments is December 9, 2019.

COMMENTS:

(Attach additional sheets if necessary)

There has been concerns raised about the impact on local communities from the many truck loads of contaminated soil. What protocols will be used to address these impacts, particularly in light of frequent critical conditions?

A sheet of white paper with a black border. Inside the border, there are 30 horizontal black lines spaced evenly down the page, creating a ruled writing area. The lines are parallel and extend across most of the width of the page.

NEPA COMMENTS

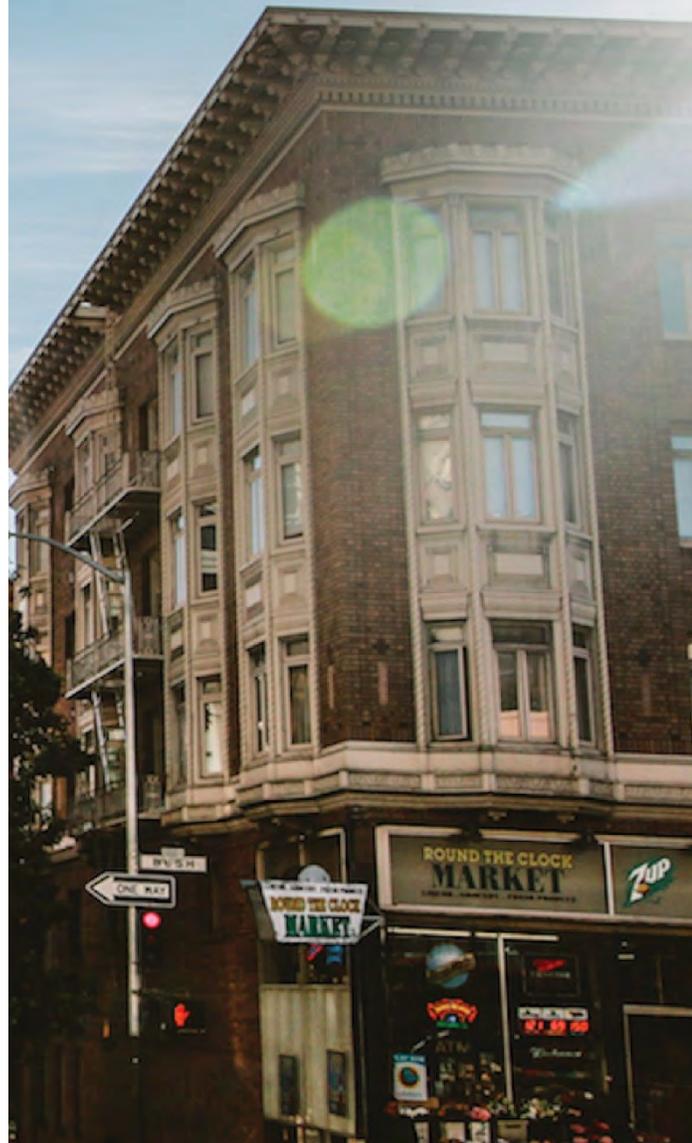
2018

SEIS SANTA SUSANA FIELD
LABORATORY – NASA PORTION

PeoplePolicy.org

An Environmental Monsters Project

Authored by: Christina Walsh



General Comments

Staying above the fray, as NASA has over the years of political influence and misdirection has it's costs.

In the case of Santa Susana Field Laboratory, the argument for decades has been between a moonscape, and no action at all. As we steer towards adhering to the AOC, we need to remember that the AOC described the problems of implementation, which are not adequately understood by the general public. As a result, it seems that NEPA has been weaponized as a tool to make implementation by the deadline, impossible—thereby taking the enforceability out of the agreement because of the force majeure problem of enforcing a deadline that is three years past. If I remember correctly, it was the tolling language that was the back and forth debate between the parties at the time, because that allowed this to go and go and go on forever.

Recent actions at recent meetings, as well as recent public claims, has altered my perception of the efforts by those seeking the most stringent cleanup. When I brought up the fact that CBG had in fact sued to block the cleanup by blocking removal of buildings in 2013/14, it was denied. More importantly, by the time I got home from that meeting, the page on the CBG website describing their activities, had been removed. In addition to how I have been treated by the very people I have defended for years, it leads me to believe that they just want to fight, not to win. Apparently the 'fight' is where the action is.

I hope for a tangible, reasonable, implementable, and health protective cleanup that is responsible to the environment. CBG et al, if they really wanted to protect people, would not be fighting for the most extreme thing, ever, but rather for an actual cleanup. When this was signed, many of the kids sick today, weren't wasn't even born yet. No children are protected by meetings and videos. They are only provided a more safe environment by actual tangible and thoughtful cleanup.

As I said in the meeting last night, every truckload of soil that leaves SSFL should not be considered a win. This is a much more complex problem that has been simplified in a way that distorts the truth.

Challenges:

1. There is only one way down the hill, and that is Woolsey Canyon. So despite the improvement to the environment in all directions, the impacts of the traffic for years, will be one-sided and that needs to be considered carefully. The people who live on Woolsey Canyon rightfully have concerns when confronted with the idea of two decades of waste coming down the hill.
2. Soil Estimates are under-estimated due to very thin soil profile at the site. While I believe that the estimates presented provide an over estimation, but not to the degree being described by others.
3. Option "B" seems most reasonable, but I think it needs to go further, and also be more clearly discussed, so that the public has a more clear understanding of the challenges and requirements of the AOC.
4. The AOC is often described publicly as the only safe solution, as if it is a religion. If background is to be used as the solution, it must be acknowledged as it is clearly described in the AOC itself, that every effort to minimize impacts must be taken. According to the original EPA presentation about the decision to implement "Background" as a solution, was that careful decisions about "near background" must be made according to known toxicity concentrations according to established risk levels, as well as, addressing time and migration pathways for both human and wildlife receptors.
5. Currently, all less invasive alternative cleanup methods including in situ and ex situ processes have been dismissed on the basis that they will not achieve the AOC levels required. Ten years have gone by where these alternative solutions could have been working to reduce the final challenge

of how much waste has to actually leave the site via truckloads to local and radiologically approved landfills.

Everything has to go somewhere.

“Fighting for the most stringent cleanup that never ever happens, will not make people safer, but instead, enriches contractors and lawyers, neither of which protects the people below.”

Public concerns have been presented as if the choice is between all or nothing, or that anything less than 100% is a loss. This is a mistake and in my opinion the reason the inaction continues on.

I agree with the environmental and cultural concerns presented in the report, with special interest in protecting the Burro Flats cultural site. It is my understanding that there are no sampling results that would prompt any destruction of that area, so I do believe that it should not be considered impacted, though the view-shed may very well be impacted and those considerations are important. I also believe it is important to preserve all open space areas that are being considered for excavation and have a scale/rationale process to use mitigative solutions including phyto solutions so that climate and habitat impacts are minimized.

If we are going to treat the AOC like it is a religion, we should do so for the whole thing, not just the page that says LUT. Use of less invasive solutions to minimize the impacts is also part of that same agreement, for the very purpose of making sure the solution isn't worse than the problem. A cleanup that has a revenge approach will only harm the local environment and community. We need to do this the old fashioned way – through

doing the difficult work of making decisions based on science, including protecting the public. Claiming that the toxic materials we are dealing with are not toxic is not helpful and has led to a toxic and ineffective public process ruled by lobbyists and politicians instead of through real oversight in the interest of protecting the affected public.

TABLE ES-1

This describes the rationale for alternative B where seven primary analytes are used to cover “most” of the impacts due to the prevalence of these constituents of concern. I support this rationale, but believe it needs to be discussed in more depth to provide for better public understanding because this is being described as a way to “cheat us out of the cleanup.” Well, a cleanup that never happens, cheats us all. But as we discussed, by providing the math in greater detail, as Mr. Zorba provided to me, allowed for a debate on the issues, so that responsible decisions for implementation can be made, and trusted by the public.

Unfortunately, because of the decades of information, the public is not able to navigate the information to find the truth – especially when only one side is being heard on a wider basis. In order to understand these decisions, we need a public process that focuses on the public, and on the “How to get this done.” Instead of the constant debate about step one: whether to do the work at all.

The Agreements signed in 2007 and 2010 all promise a solution by 2017. We now have the data we need, and we need to implement for a solution. I also appreciate that the dioxin/furan number is calculated based on the TCDD congener (DIOTEQ)

I also appreciated the reality check regarding truckloads per day:

The story always seems to be that of a hundred trucks a day for decades. The reality is that I don’t think anyone has gotten more than 20 off the site in a day and the local landfills haven’t taken in more than 35 in a day, so I really appreciated the discussion about these realities. But when trucks are used as a fear-tool to make the public not want a cleanup, the result is that both sides misuse these numbers.

The best dust mitigation is a guy/girl with a hose, to ensure it doesn't get too wet (movement) or dry (dust emission), so we need to focus on realities instead of using this process to argue extremes. Extremes protect no one, especially when they are never implemented.

As a Section 106 Consulting Party I appreciate the effort to protect native American sacred sites located at the site, as well as the opportunity to save portions of history in the form of rocket test stands where feasible. The point needs to be that no matter what we do, we need to make sure that it is safe for the people that come after us, that we will never meet, and will never know all that went into this process. We have to care about people we will never meet. That is why it is important to also describe in the no-action alternative section that risks do exist from INACTION. In the years SINCE the 2010 agreement was signed, three fires have burned large portions of the site, resulting in further impacts to the surrounding communities. These will only get more common with the extreme weather we are seeing from climate change. Following each of these fires, violations in water discharges from the site have been forgiven as a result of the fire. None of this protects the people or the environment. That is why we need to focus on implementation of solutions and not accept this endless use of NEPA as a tool to deflect and delay for decades. My son is now 22 years old and the cleanup hasn't started. We deserve better than two decades of inaction.

PURPOSE AND NEED

Purpose and Need as described in 40 CFR Section 1502.9(c)(1)(ii)

This is important to begin every meeting with this brief description so there is an ongoing and continued understanding about the decisions being contemplated at each stage of the process as the audience varies over time.

In observing the current public process surrounding Santa Susana Field Laboratory, the public narrative of understanding of the stage of the project, the alternatives and challenges, the general public has an extremely limited understanding of the facts and rely almost entirely on biased narratives driven to explain fund litigation instead of tangible improvement to the current condition of the environment and affected

communities surrounding the site. Since the only voices heard by the public are those of extreme views based on fear and denial, neither of which are very helpful in good decision-making.

Concerns of Process:

Communication is generally one-directional with the public, where NASA has done an excellent job of presenting accurate, detailed, as well as understandable information to the public, there has been little to no effort to correct the misinformation being offered by both extreme sides. Understanding NASA's respect for free speech, which is commendable, the misinformation is damaging when a centered voice, either from responsible parties or from the regulator are not available for public consumption. In the absence of this voice, people "will literally drink the sand."

For a long time, the people in the community have wanted a more interactive process so that the division in the community can be addressed and allow facts to drive the process. Instead, it has been a race for control and power, and the squelching of opposing voices—precisely the opposite of the "purpose and need" of a public process. The CAG handbook described a mandate to include all facets of the affected community, and yet instead, it was used as a tool to silence those dissenting. While I was the target of much of that, I can also say at this point, that the silencing of opposing voices has backfired, because no one trusts any of it now. I participated in every day of the background study because at the time, I thought that if we all went from site to site together, and discussed these issues by being able to "ground truth" the issues together. That's how division can be healed and progress can be made. Instead, today we have a community that includes only those approved by Dan Hirsch, and people like me have been targeted and harassed and indeed silenced. Our voices, especially those who actually live here and are affected by the decisions made, should be protected and I appreciate NASA's effort to do so despite the efforts of DTSC, Boeing, and DOE to target dissenting voices.

1.5 Purpose and Need for Action

1.6 Scope of the Analysis

1.7 Decision to be made

These are the most important sections of the report, and while they are prominently organized in section one, people really do not read the report. They need the information spoon-fed to them, and that what is happening on the other side, through story-telling and videos, where the scientific details are not remotely involved.

While this is one of the most well-written of these reports I have read over the last twenty years, more understandable, you still have not even led the horse to the water [metaphor]

People are so used to these reports and presentations are organized so that people in the general public do not understand what they are about, what the decision is, and they feel looked-down upon because of the multitude of acronyms, it is almost as if the reports are written in code. The reports are designed to not be read. Through frustration, people put the book down, and just decide to yell. In this case of this SEIS, while it is miles apart from the old standard, and that of the other responsible parties, you still have to get the people to read it. I tell people to focus on reading the executive summary and the table of contents, and then use the report to look up the answers to the questions you then might have.

Remember, Dan Hirsch starts almost every sentence with, “What they don’t want you to know is...” and has used this project to work his own objectives surrounding waste disposal and nuclear operations. While those objectives are valid, they should not be prioritized ahead of the safety and remediation needs of the site. In the case of Santa Susana, it seems the AOC presents a mandate to be chasing a “perfect cleanup,” while potentially sacrificing any cleanup at all.

Background:

I was in the meeting in then Senator Sheila James Kuehl’s office after SB990 had been signed into law and she informed us that she agreed to carry legislation that following session to un-do part of it, and she did that in order to get Governor Schwarzenegger to

sign the bill (which mandated an agricultural cleanup). She said that she made this deal in the interest of getting to the actual business of cleanup and making our neighborhoods safer for the future. She then turned to us, and said, “But I expect you to be yourselves, and if that means opposing that legislation, I respect that,” and she winked at us. Maybe this means nothing now, but as I understand this, based on the two decades that I have been involved, where my son was a toddler when I first got involved in a nuclear cleanup less than TWO MILES from my house. Today, the cleanup still has NOT STARTED and my son has turned 22 and has heard about this issue, literally his entire life. When we consider the cluster of kids with eye cancer in 2007, and now again, another cluster brought to the attention of decision makers by Melissa Bumstead most recently. I follow the kids from 2007, and they are now getting drivers licenses and turning 18. They deserve better than to watch this fight their whole lives, without ever seeing action, because we are supposed to demand something called an AOC, and accept nothing less. When are regulators going to be honest with the public about the most important rule about toxic contaminant exposure pathways – TIME. Time is an equally important part of the equation, most certainly if the project never starts, and remains just talk. Every year with fires, floods, and more inaction, we will continue to see more cancer clusters instead of less, and I think we deserve better, as do the people of NASA who have worked to make progress on this for so very long.

2.1.1.2 Ex Situ Soil Treatments

I support all of these except 2.1.1.2.4 Using Thermal Desorption and believe that a priority on identifying areas that are potential candidates for these options should be employed in the interest of REDUCING the footprint of what will be required to be excavated and moved off-site.

2.1.1.3.1 Soil Vapor Extraction

I support this effort and feel it should be employed in multiple areas of the site to focus on groundwater plume concentration areas, problem areas such as Ws9a where the seeps emerge contaminated, this is a forever problem, so using soil vapor extraction to create a layer of non-contaminated zones so that re-contamination risks are reduced or at least slowed down. (example is the recontamination of the Area IV burnpit after installing a clay cap)

2.1.1.4 Monitored Natural Attenuation

I do not support this except for in conjunction with phytoremediation technologies that create barriers while improving the contaminant influence. We've waited long enough, but need active effort. Even the GETS system which was presented as a solution for groundwater treatment, was not turned on for a year. Since the most recent fire, I believe we again have an issue where pipe systems have burned and we, the public need to know the status of these remediation systems that have been presented as solutions that make us safer. We are only safer if they are turned on.

3.8 Traffic and Transportation

More than FIVE years have gone by since DTSC presented false traffic and transportation alternative routes that included where roads didn't even exist, across private property, and even used maps where railroads were a decade out of date. They left this faulty information in the public sphere for years without response, until it was "baked in." It is important that these be corrected. The only real viable route off the hill is Woolsey Canyon, and the alternatives of either Plummer or Roscoe should be alternated, with most going toward Roscoe because the turns in that direction are fewer, and generally, the route is less invasive to a small community, where the Plummer route goes directly through a windy community with homes facing the road with little relief. For information, I live on the Roscoe side, but believe Roscoe is more viable, safer, and can handle a larger capacity.

I am pleased to see the fake conveyor belt solution taken off the list.

3.8.2 Environmental Consequences

Environmental consequences of not doing the work, are not adequately addressed.

4.3 Original FEIS

In looking at this timeline, I think it is a perfect example of why NEPA reform is needed. I actively commented on a substantive basis at every juncture described in this section, and yet it is as if none of that has even happened, when looking at the decisions and

framing of today. I can only imagine how frustrating it must be for the workers onsite both in the past, as well as in the remediation era, to have it be more like Groundhog Day, happening over and over and over again, with few steps forward.

Section 5 – List of Preparers

I wanted to thank all of you for the work presented herein. I think the ownership of the work is clear, as well as the quality. I can only hope that this can be the beginning of the tangible part of the process.

Subject: FW: [EXTERNAL] A. Weitzberg comments

From:

Sent: Friday, October 25, 2019 2:12 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] A. Weitzberg comments

Peter Zorba, NASA SSFL Project Director,

The October 25, 2019 Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory, presents clear and cogent documentation of the evaluation of a range of cleanup alternatives as required by NEPA. The executive summary provides the affected public and NASA management sufficient information to identify a preferred alternative that is fully protective of the public and the environment and, equally important, has significantly less negative impact on the environment and cultural resources.

Without going into details, it is clear that the best alternative from any rational perspective is the Recreational Cleanup and, by far, the worst is the AOC Cleanup. It has been known since 2010, that the AOCs were political, rather than environmentally or health based. It is time for NASA management to act responsibly, based on the information presented in the DSEIS. NASA should identify the Recreational Cleanup as its Preferred Alternative and plan to resist any attempted for DTSC to cling to the discredited AOCs.

Respectfully submitted,

Abraham Weitzberg

Abe Weitzberg

Email:

From: Haakon Williams < >
Sent: Wednesday, January 8, 2020 1:07 PM
To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>; Zorba, Peter D. (HQ-DA020) <peter.d.zorba@nasa.gov>
Subject: [EXTERNAL] Question about NASA SSFL SEIS public comment

Greetings,

I intend to send in my public comment today on NASA's Supplemental EIS for the Santa Susana Field Lab. My comment will include an attachment, so I want to know if NASA has a size limit for documents it can receive. Gmail, which I will be sending my comment through, has a size limit of 25 megabytes for sending emails; does NASA's email system accept emails up to 25 megabytes in size, or will an email of this size bounce back?

Thank you,
Haakon Williams

From: Linda Yoder
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana clean up project
Date: Friday, November 29, 2019 5:31:56 PM

Children's lives are important. Children are our most valuable resource. Please clean up the NASA site and remove ALL toxic waste at once. It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community. Let this government agency stand FOR the people, as it should.

Thank you,
Linda Yoder

From: [Ron Ziman](#)
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Public Comments re NASA's SEIS for SSFL
Date: Friday, December 6, 2019 1:45:42 AM

Dear Mr. Zorba,

I am reassured to learn that NASA has supplemented their original EIS with meaningful alternatives. Given the fact that all of the alternatives are equally protective of public health, I am in favor of the least invasive and least environmentally destructive alternative that will be achieved in the shortest time frame. That is alternative D, a risk based recreational cleanup. Due to Boeing's environmental easement, this property will not be developed, but rather set aside and preserved. Under the circumstances, there no need for a cleanup that would be more intensive. Cultural resources and artifacts reflective of the rich Chumash and other Native American tribes that frequented the area should be preserved, preferably in situ whenever possible. Lastly, I strongly urge that the Coca test stands be preserved given the geographic and historical nexus between prehistoric man's nascent curiosity about the heavens, as documented in the polychromatic painted cave, and the development of the capability to visit the heavens, which enabled America to not only enter the space age, but lead. No place on earth is known to encompass such features other than SSFL.

Sincerely,

Ronald B. Ziman, MD, FACP, FAAN

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From:
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Wednesday, November 27, 2019 12:51:24 PM

I'm writing to urge NASA to do a completely clean the toxic waste from the Santa Susana Field site. It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community. Also, I've heard that your representatives did not allow any public comments at NASA's public meeting with the community last week. That's unacceptable.

From: DD
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] clean up your portion of ortion of the Santa Susana Field Lab.
Date: Thursday, November 28, 2019 2:11:15 PM

It is unacceptable to leave ANY carcinogenic waste in a location so close to the local community.

From: David
To: [MSFC-SSFL-EIS](#)
Subject: [EXTERNAL] Santa Susana Field Lab
Date: Thursday, November 28, 2019 6:33:37 AM

it is unacceptable to leave ANY carcinogenic waste in a location so close to the local community

From: CBG <committeetobridgethegap@gmail.com>

Sent: Wednesday, January 8, 2020 8:59 PM

To: MSFC-SSFL-EIS <msfc-ssfl-eis@mail.nasa.gov>

Subject: [EXTERNAL] SSFL DSEIS comment

The discussion of the Woolsey fire in the draft SEIS on SSFL is deficient. These attachments detail information that is missing from or mischaracterized in the draft SEIS.



West Hills Neighborhood Council

*"It's our neighborhood.
Let's build a community."*

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Resolution for the SSFL Cleanup

West Hills Neighborhood Council

December 7, 2017

The Department of Toxic Substances Control (DTSC) has issued the SSFL Program Environment Impact Report (PEIR) for public comments, which are due by December 7, 2017. The purpose of the PEIR is to describe cleanup alternatives for the SSFL, leading to a final selection of cleanup method, which will be announced in a future project management report.

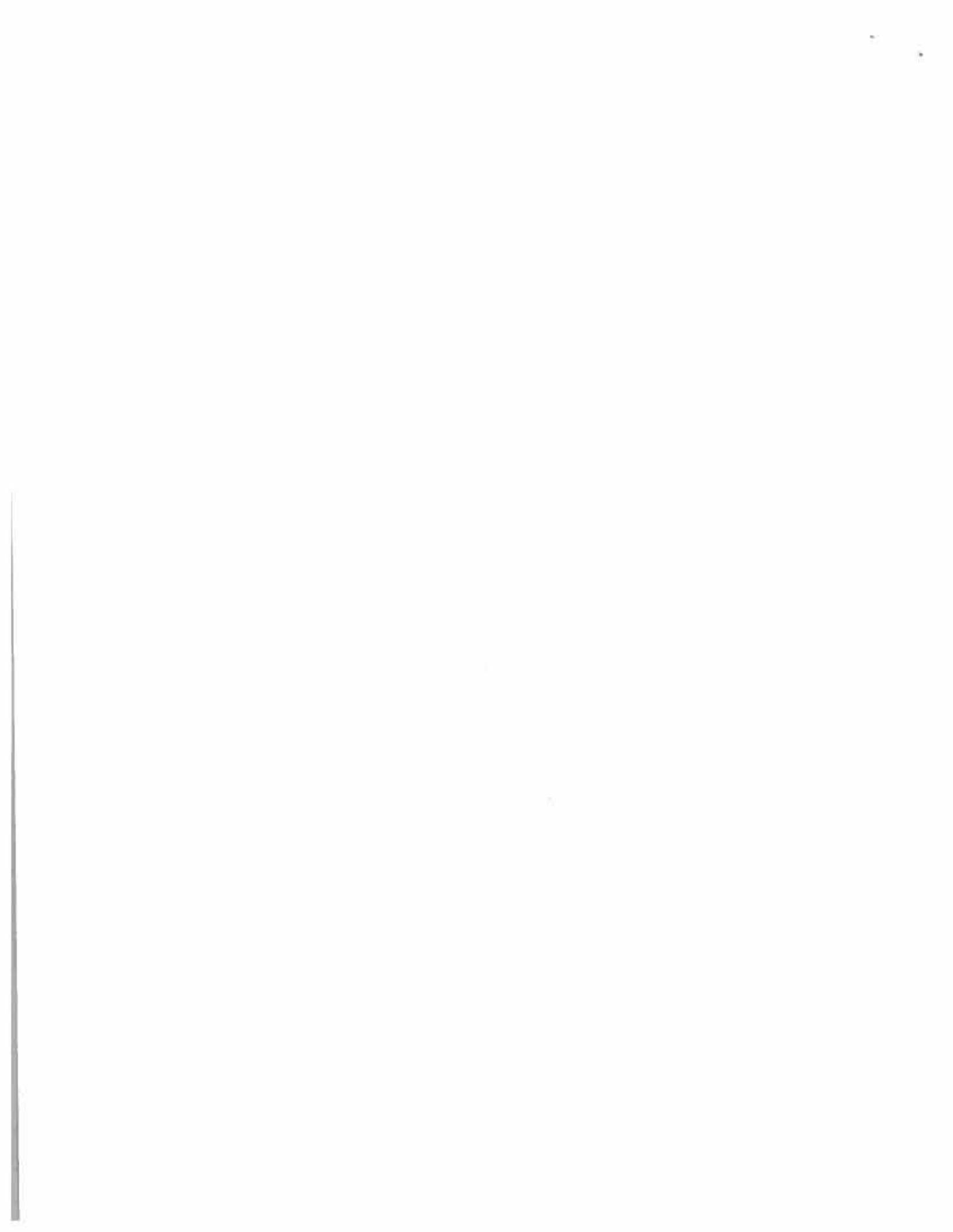
The PEIR describes the cleanup alternatives as: first, a baseline "do nothing"; second, applying the 2010 Administrative Order of Consent (2010 AOC) for the NASA and DOE portions of the cleanup; and third, using a U.S. EPA risk-based procedure for the Boeing portion of the cleanup.

The 2010 AOC calls for cleanup to background or non-detectable levels for a list of chemicals and nuclides, which is an extraordinarily severe cleanup that is required regardless of any health hazard that may or may not be in the substance. As a result, an enormous amount of soil, 60% non-hazardous, must be excavated and trucked through surrounding communities to distant waste facilities, creating unnecessary health hazards for those communities.

The PEIR does not consider the end use of the land, and prescribes cleanup to a suburban residential standard for the Boeing portion, as if homes may be built on the property in the future. But Boeing has recorded a conservation easement that forever prohibits development on that property, and Boeing plans to keep it as open space. Consequently, much more excavation and trucking will be required for the residential option even though development is prohibited by the recorded easement.

Furthermore, the PEIR does not consider that the SSFL is in the middle of the most important Habitat Linkage in Southern California. This is critical for the proper functioning of the eco-system in the Santa Monica Mountains, which is in the middle of the world's largest urban natural





preserve. This area contains the rocket engine test stands that were an integral part of the assurance that our rockets would make it to the Moon, other historically significant aerospace sites, Native American Sacred sites, archeological sites, and artifacts.

Public health and public safety should be the most important considerations relative to the cleanup of the SSFL site! The PEIR is required by the California Environmental Quality Act (CEQA) to consider reasonable alternatives for management consideration and this report does not meet that stipulation.

The West Hills Neighborhood Council therefore recommends that an additional cleanup alternative be added to the report that uses the U.S. EPA risk-based analysis for the entire SSFL site. The U.S. EPA procedures are recognized and used throughout the United States to get complete cleanups with minimum excavation, minimal trucking and limited disruption of the environment.

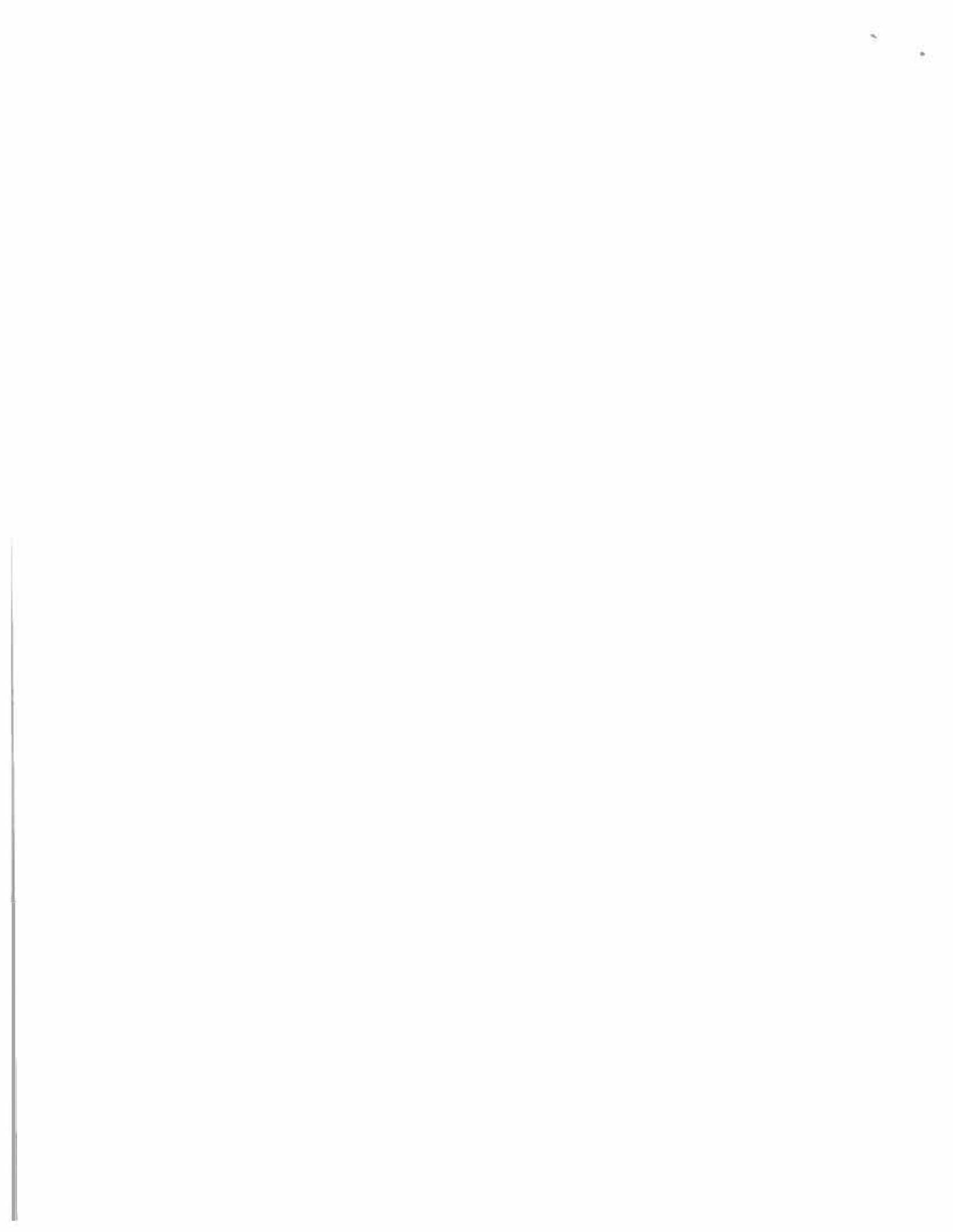
It is essential that *in situ* treatment be a major consideration as an alternative, as it would significantly reduce truck traffic in the surrounding communities. The trucking represents its own health hazards and Valley Circle Boulevard and Roscoe Boulevard, main thoroughfares, have many schools, churches, synagogues, residences and commercial areas that would be affected.

It is our vision and desire that the SSFL site becomes open space or a national park, and we ask that you respect our community's wishes.

It is a rare event when a 2,850-acre parcel becomes available that contains such diverse plant and wildlife habitats, a wildlife corridor, historically significant aerospace sites, Native American sacred sites, archeological sites and artifacts. We must preserve it for future generations.

Resolution Approved by the WHNC Board of Directors

December 7, 2017





VIA Email and First Class Mail, Postage Prepaid
SS 12092019 001

December 9, 2019

Mr. Pete Zorba
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304
msfc-ssfl-eis@mail.nasa.gov

Subject: Comments of The Boeing Company on the National Aeronautics and Space Administration Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at the Santa Susana Field Laboratory

Dear Mr. Zorba:

The Boeing Company appreciates the opportunity to submit comments on the Draft Supplemental Environmental Impact Statement (SEIS) for Soil Cleanup Activities at the Santa Susana Field Laboratory prepared by the National Aeronautics and Space Administration (NASA) under the National Environmental Policy Act. The Draft SEIS identifies several bases for NASA's determination that a Supplemental EIS is warranted given the significant changes in the information and circumstances concerning the project that have emerged since NASA published its Final EIS in 2014.

Boeing submitted comments on NASA's 2013 Draft EIS and 2014 Final EIS on October 1, 2013 and April 11, 2014. The Draft SEIS still does not adequately address some of Boeing's prior comments, so I have attached copies of those letters to be considered as part of Boeing's comments to the Draft SEIS. In addition, the environmental analysis in the Draft SEIS does not address NASA's remediation responsibility for drainages that lead to Silvernale Pond or for Silvernale Pond itself, both of which are located on Boeing's property and may be subject to cleanup by NASA. This issue and the issues left unaddressed from previous comment letters should be addressed in the Final SEIS.

Boeing values its cooperative partnership with NASA regarding remediation of the SSFL site. We look forward to working with you to coordinate the various remediation actions by NASA that may affect Boeing's property at the site in a way that appropriately implements site cleanup objectives, protects human health and safety, preserves the invaluable biological and cultural resources on the site, and ensures that the impacts from remediation are adequately evaluated and mitigated.

Sincerely,

Steven L. Shesteg
Director – Environment
Environment, Health & Safety
Mail Code 110-SE17

Attachments (2)



November 26, 2019

Via E-mail to: Mr. Peter Zorba
NASA Project Manager
Santa Susana Field Laboratory
peter.d.zorba@nasa.gov

Ms. Lori Manes
NASA Community Outreach
Santa Susana Field Laboratory
lori.manes@nasa.gov

Comments for *Draft SEIS for Soil Cleanup Activities at Santa Susana Field Laboratory*
Msfc-ssfl-eis@mail.nasa.gov

Re: Request for 45 Day Extension of Comment Period and Additional Public Meeting for Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory

Dear Mr. Zorba:

We write regarding matters of importance for assuring meaningful opportunity for public comment. Based on our concerns below, we respectfully request that NASA extend the deadline for public comment on the *Draft Supplemental Environmental Impact Statement (SEIS) for Soil Cleanup Activities at Santa Susana Field Laboratory*, 84 Fed. Reg. 57,490 (Oct. 25, 2019), for an additional forty-five (45) days. We also respectfully request NASA hold an additional public meeting, in a traditional public hearing format, before the extended comment period closes.

Availability of Documents Upon Which the Draft SEIS Relies

It has come to our attention that more than three fourths of the reference documents relied on in the Draft SEIS have not been made publicly available. NASA representatives acknowledged this failure to provide full public access to the reference documents at the public meeting held on Thursday, November 21st, 2019, and assured us that the documents are currently being prepared for posting on its website, although this would

not occur until more than a week after the public meetings held to obtain comments and just a bit more than a week before written comments are due.

We appreciate that NASA is working to fix this error. However, the late date for making publicly available the documents upon which the Draft SEIS is based means that the public has not been given a full opportunity to review and comment upon the Draft SEIS.

NEPA is at its heart a public disclosure and public participation statute. There cannot be meaningful public comment if the public does not, during the full comment period, have readily available the documents upon which NASA based its claims in the Draft SEIS. We therefore request NASA extend the comment period forty-five (45) days from the date NASA publicly posts the full reference documents. This will allow the public the opportunity to review all newly available relevant documents and to provide fully informed comments on the Draft SEIS, also taking into account the upcoming holidays.

Meaningful Opportunity for Public Comment at the Draft SEIS Hearings

NASA held two public meetings on its Draft SEIS, one in Ventura County on November 20 and one in Los Angeles County on November 21. Both meetings followed the same open-house format, in which the public engaged with individual NASA representatives one-on-one. NASA also allowed individuals to provide recorded comments in writing or privately to a court reporter, though neither system was obviously demarcated at the meetings.

This system ultimately left the public wanting. The format meant that NASA provided a one-sided presentation, without allowing the public the benefit of listening to individuals' personal questions or concerns. This is a vital aspect of the comment process as it allows open dialogue not simply between NASA and the public, but also shared knowledge between community members.

Further, as stated, the majority of the reference documents were not available to the public for these meetings. We therefore request NASA hold an additional public meeting after the documents are all made available and in the traditional public hearing format in which individuals may present oral comments not only to NASA but also to the attendant community.

If NASA decides to grant the extension and hold an additional meeting, we also respectfully request that NASA immediately make a public announcement of that decision in order to keep the public timely informed of the process.

Sincerely,

Geoffrey Fettus
Natural Resources Defense Council
1152 15th Street, NW, Suite 300
Washington, DC 20005
(202) 289-2371
gfettus@nrdc.org

Caroline Reiser
Natural Resources Defense Council
1152 15th Street NW, Suite 300
Washington, DC 20005
(202) 717-2341
creiser@nrdc.org



January 8, 2020

Peter Zorba
Project Director
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304

by email to: msfc-ssfl-eis@mail.nasa.gov, peter.d.zorba@nasa.gov

Re: Comments on Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory

Dear Mr. Zorba:

The National Aeronautics and Space Administration (NASA) has recently issued a Draft Supplemental Environmental Impact Statement (DSEIS) for remediation of its portions of the Santa Susana Field Laboratory (SSFL). The new cleanup alternatives put forward in the DSEIS would violate the Administrative Order on Consent (AOC) that NASA executed with the California Department of Toxic Substances Control (DTSC) in 2010; the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §6901 *et seq*; and other legal requirements, as well as commitments made by NASA. The DSEIS itself also is at variance with the National Environmental Policy Act (NEPA), 42 U.S.C. §4321, *et seq*.

NASA's action is unlawful in terms of process and substance. If the agency were to follow the course of action it proposes in the DSEIS, Californians would be harmed and meaningful cleanup would be foreclosed for future generations. The decision by the Trump Administration NASA to issue this DSEIS sets the stage for abandoning huge amounts of chemically hazardous material and would consign this important land in Southern California, set in the midst of millions of California residents, to never be cleaned up. Collectively, the undersigned Natural Resources Defense Council, Committee to Bridge the Gap, and Physicians for Social Responsibility-Los Angeles urge NASA to withdraw the DSEIS and to immediately commence working with the State and the public to quickly reach compliance with the AOC that the agency signed nearly a decade ago.

Background on the NEPA History of SSFL

On July 6, 2011, NASA published in the Federal Register a Notice of Intent to conduct scoping for and prepare an Environmental Impact Statement (EIS) related to demolition and environmental cleanup activities at the portions of SSFL it administers. (76 Fed. Reg. 39,443). NASA also solicited scoping comments in that notice.

The Director of DTSC wrote to the NASA Project Director for SSFL on September 19, 2011, directing that the “scope of the alternatives that NASA is proposing to evaluate in its EIS must be modified because all but one of the current alternatives are inconsistent with the AOC.”¹ This letter cited language in the AOC specifying that NEPA review be on “*how to conduct the cleanup to background defined in this Agreement,*” and thus that “[i]n order for NASA to continue in its commitment under the AOC, and to ensure that NASA’s NEPA documents are useful to the public, NASA must designate alternatives that exist, are plausible and are consistent with the AOC.”²

Concerned by NASA’s disagreement with DTSC on this issue, Senator Barbara Boxer convened a meeting with NASA Director Charles Bolden, DTSC Director Deborah Raphael, Cal-EPA Secretary Matt Rodriguez, and the Chair of the Council on Environmental Quality (CEQ) Nancy Sutley. As NASA would not otherwise conform its actions to address California’s concerns, it was agreed that CEQ would review the matter and issue a determination.

By letter dated June 19, 2012, CEQ Chair Sutley wrote with CEQ’s conclusion that NEPA does not require consideration of alternatives that are not feasible, and that alternatives that would violate the AOC thus need not be considered in the EIS, with the exception of the standard “no action” alternative.³ Thereafter, on July 18, 2012, NASA issued a public statement from Project Director Allen Elliott, stating that in light of the input from Senator Boxer and CEQ, NASA would restrict its consideration of alternatives in the EIS to cleanup to background and the no action alternative.⁴

Thus, in July 2013 NASA issued a Draft EIS and in March 2014 a Final EIS for Proposed Demolition and Environmental Cleanup Activities at SSFL. Both the Draft and Final EIS complied with the AOC, directives from DTSC, and the guidance from CEQ, and considered as formal alternatives only the AOC cleanup to background and the no action alternative.

Now, NASA has published a Notice of Intent to prepare a Supplement EIS on soil remediation. (84 Fed. Reg. 13,725, April 5, 2019). Unlike the Notice of Intent for the original EIS, in this instance there was no opportunity provided to submit scoping comments. On October 25, 2019, NASA issued its Draft Supplemental EIS (DSEIS), the subject of the present comments. In this

¹ Letter from Debbie Raphael, DTSC Director, to Allen Elliott, SSFL Project Manager, NASA, September 19, 2011 (Exhibit 1 hereto).

² *Id.* (emphasis added by DTSC).

³ See Letter from CEQ Chair Nancy Sutley to Senator Barbara Boxer, Chairman, Committee on Environment and Public Works, June 19, 2012, (Exhibit 2). Also available as Appendix A to NASA’s March 2014 Final Environmental Impact Statement for Proposed Demolition and Environmental Cleanup Activities at Santa Susana Field Laboratory.

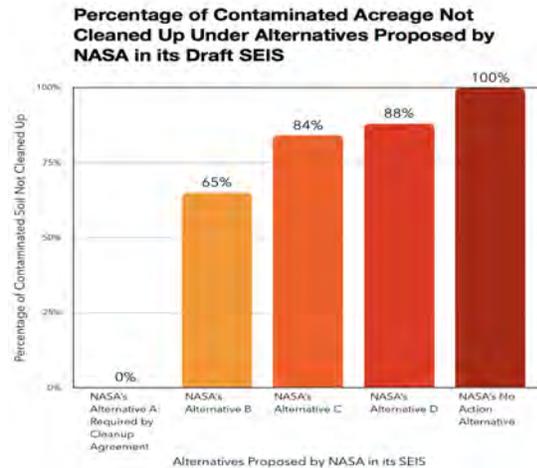
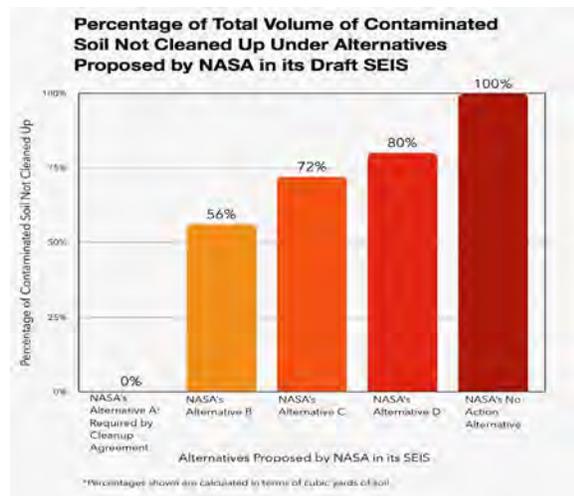
⁴ Exhibit 3.

DSEIS, NASA ignored CEQ’s directive that alternatives that would violate the AOC need not be considered, broke the commitments described above, and proposed three new alternatives, each of which would be in breach of the AOC, as discussed below.

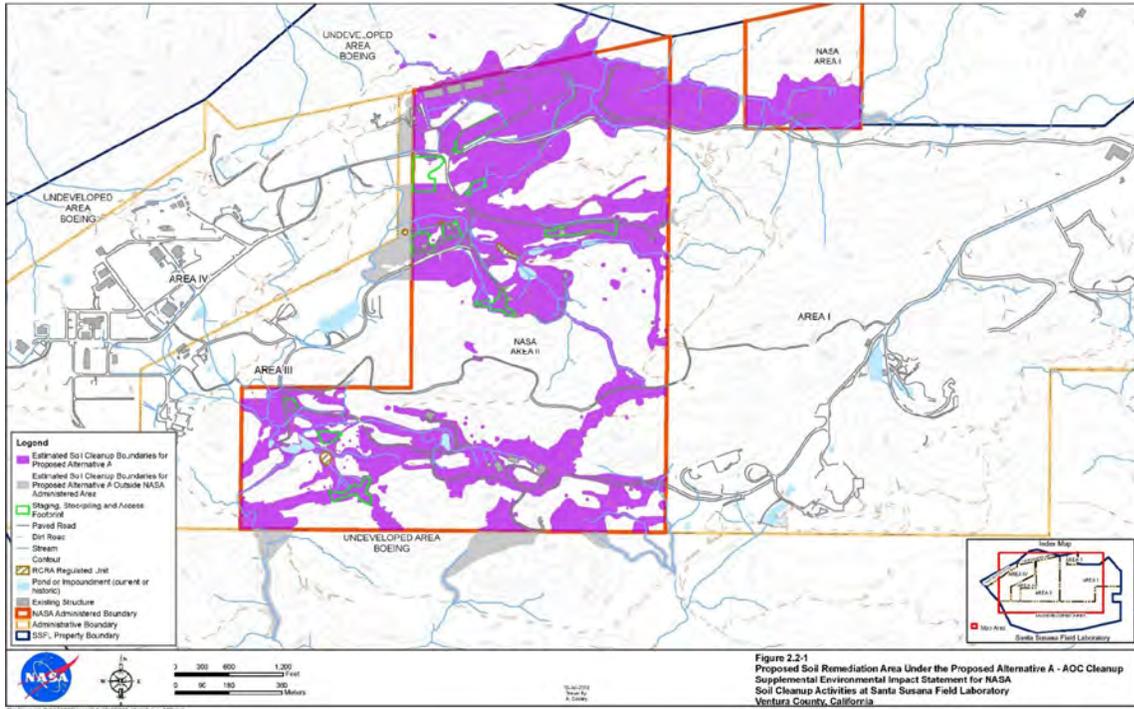
The New Alternatives Presented in the DSEIS Would Violate the AOC

The AOC requires cleanup to local background. (AOC §§1.7.2, 2.1). “Leave in place” alternatives are barred from consideration under the agreement. (AOC §1.7.2.2, Attachment B, p. 2). Contrary to these requirements, NASA now proposes three alternatives in the DSEIS that would leave the majority of the contaminated soil not cleaned up and thus violate the legally binding AOC. NASA does not have the authority to take any action that does not comply with the AOC. Yet only Alternative A would comply with the AOC; all others would violate it.

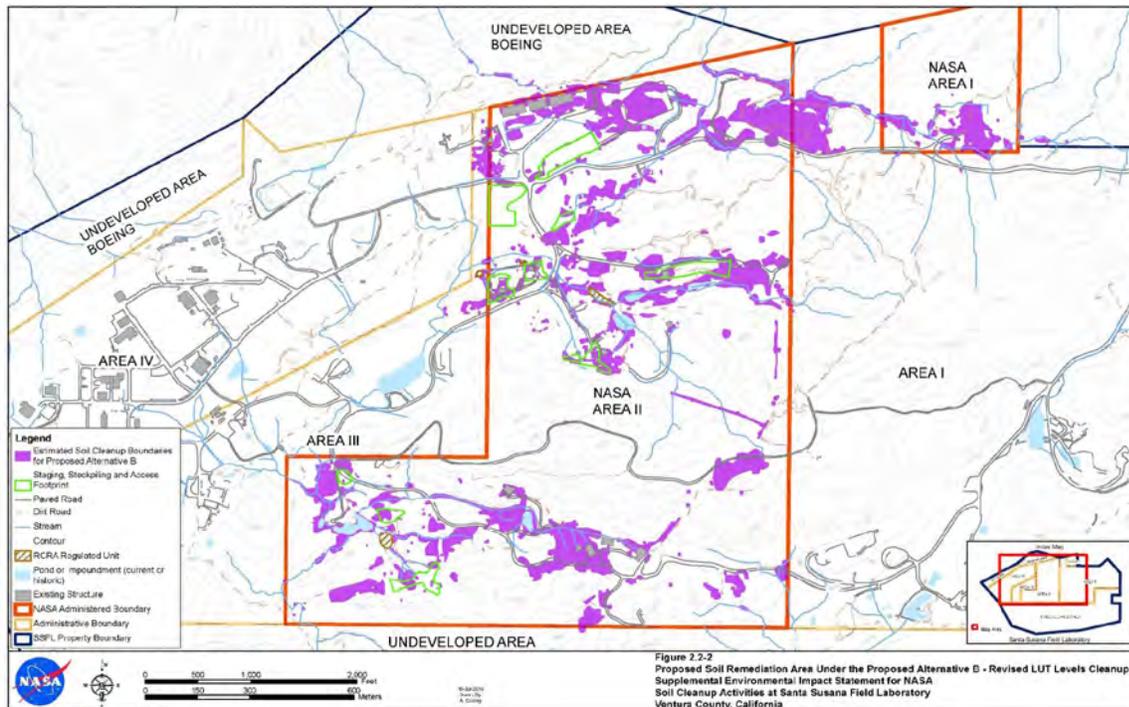
By NASA’s estimates, Alternative B would leave 56% of the contaminated soil by volume and 65% by acreage not cleaned up; Alternative C would abandon 72% by volume and 84% by acreage; and Alternative D would walk away from remediating 80% of the contaminated soil volume and 88% of the contaminated acreage. (DSEIS Table ES-2).



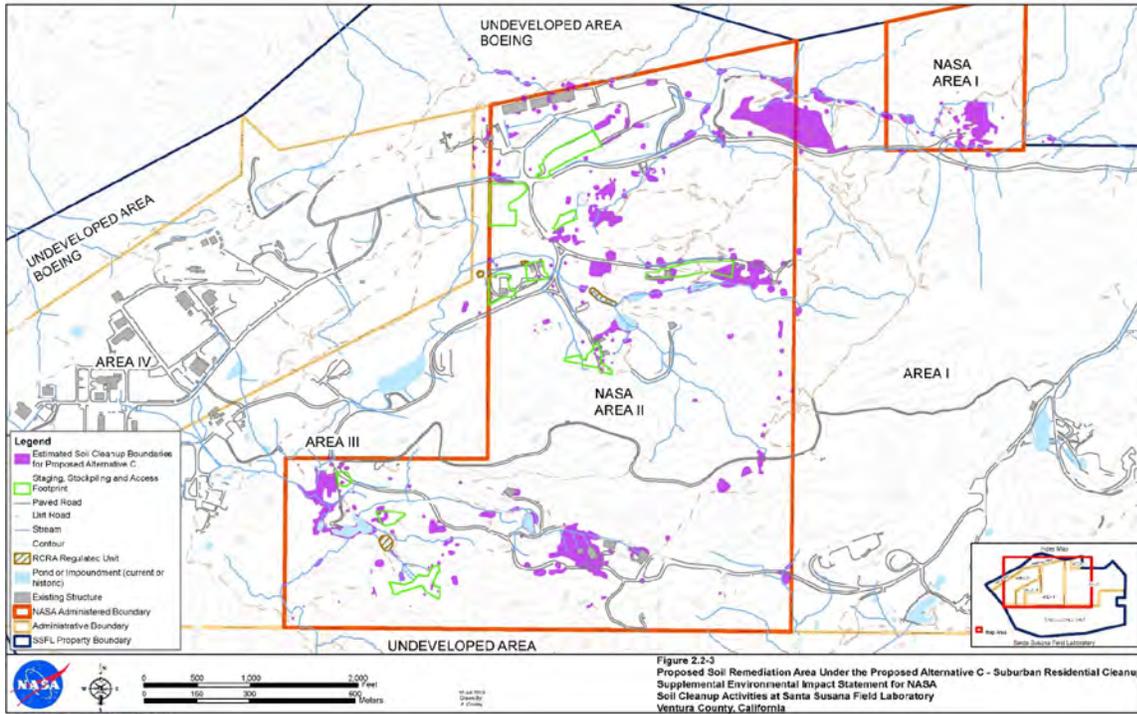
The amount of contaminated soil that NASA now proposes to walk away from can be seen in maps prepared by NASA. The purple area in the map below shows how much soil NASA admits it contaminated in its parts of SSFL and that it promised to clean up:



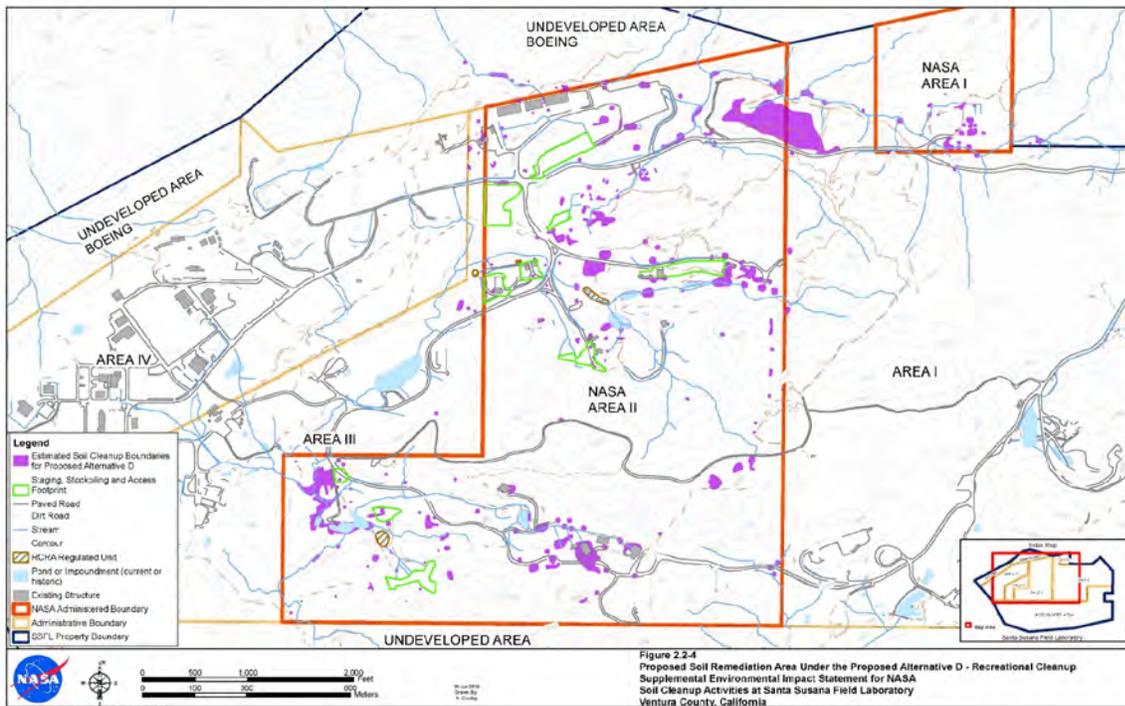
The next map shows how much would be cleaned up under its Alternative B:



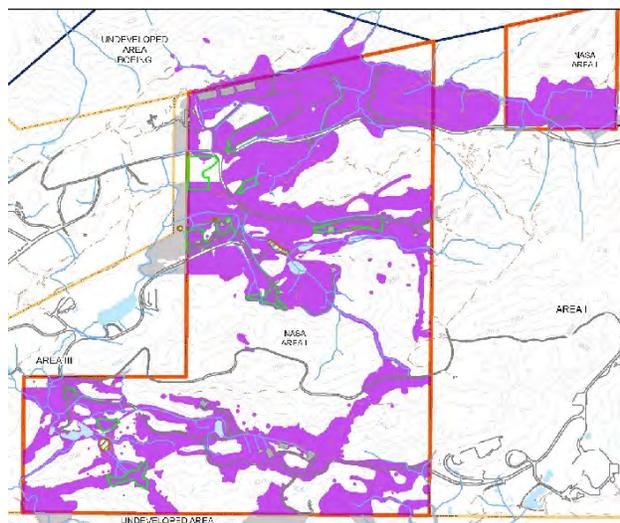
The next shows how much would be cleaned up under NASA's Alternative C:



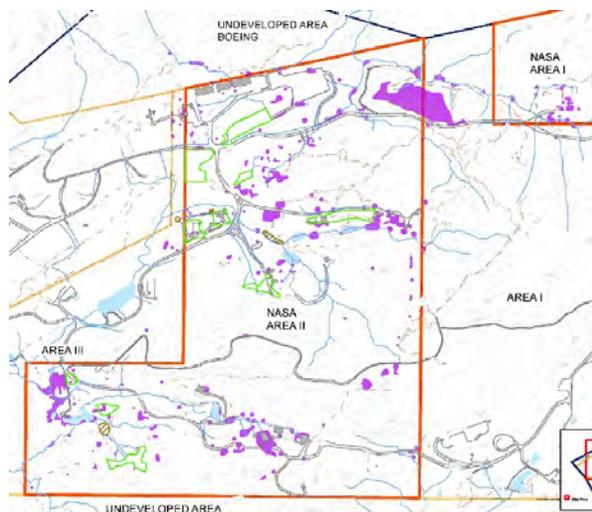
And the last option, Alternative D, would clean up only this amount:



To understand the magnitude of the contamination NASA is proposing to walk away from, compare what it promised and is legally bound to do (Alternative A, the AOC) and what it now is contemplating (Alternative D):



What NASA Promised (Alt. A)



What NASA is Now Considering (Alt. D)

Even Were There No AOC, NASA Does Not Have the Authority to Decide How Much of Its Pollution It Will Clean Up – That Power, Under RCRA, Rests with DTSC

Had NASA not executed a legally binding cleanup agreement with DTSC, it still would have no power to determine how much of the contamination it created it will have to clean up. Under RCRA, that authority belongs to the regulatory agency that implements RCRA. In California, that is DTSC. NASA, as the polluter, does not set the cleanup standards for the pollution for which it is responsible. Even absent the AOC, NASA still could not legally do what it proposes in the DSEIS—functionally abandon the cleanup obligations established by its regulator, DTSC.

NASA is bound to follow DTSC’s cleanup directives, which the agency failed to acknowledge in the DSEIS and fails to adhere to in its actions.

NASA Is Not Required to Analyze These Alternatives

NASA asserts its DSEIS is written per the requirements of the AOC. (DSEIS p. 1-1). That is not correct. The AOC acknowledges NASA shall employ NEPA in analyzing “*how* to conduct the cleanup to background defined in this Agreement.” (§4.2.1, emphasis added). It does not authorize consideration of *whether* to comply with the AOC requirement of cleanup to background.

Similarly, NEPA does not force consideration of alternatives that would breach the AOC. As discussed above, CEQ expressly found that NASA was not required by NEPA to analyze alternatives that were not feasible, and that alternatives that breached the AOC were not feasible. In NASA’s 2013 Draft and 2014 Final EIS on Proposed Demolition and Environmental Cleanup Activities at SSFL, NASA complied and did not consider alternatives that did not comply with

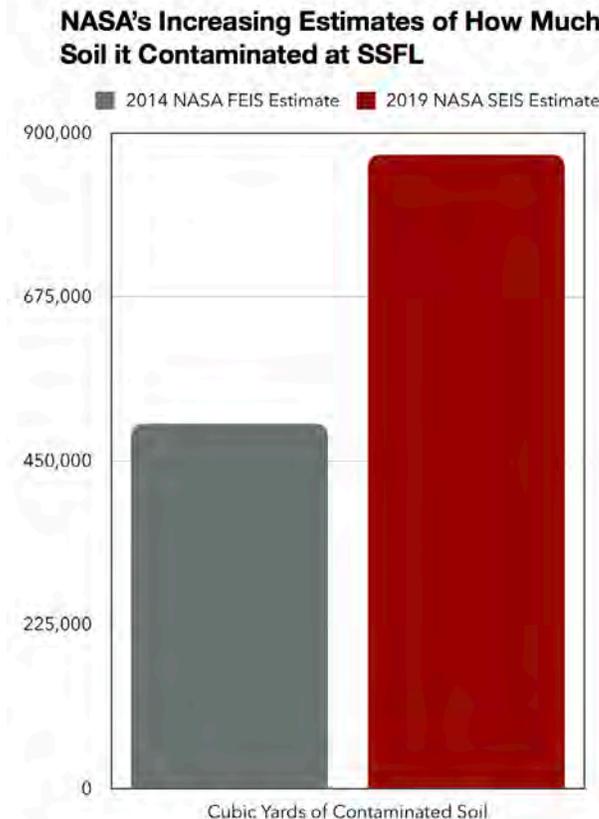
the AOC; now, in the DSEIS, it is going in an opposite direction, with neither AOC nor NEPA providing the requirement that NASA now claims.

NASA Has No Discretion as to How Much of Its SSFL Contamination It Will Clean Up

NEPA is triggered by *discretionary* federal agency actions which can have a major effect on the human environment. In the present case, NASA has no discretion as to the amount of polluted soil it will remediate. It is bound by the AOC to a full cleanup; and even if the AOC didn't exist, authority over the extent of cleanup required rests solely in the hands of NASA's regulator under RCRA, DTSC. Simply put, NASA does not have the authority to choose among the alternatives which its DSEIS now proposes.

The Supposed Basis for Conducting a Supplemental EIS Put Forward by NASA Does Not Bear Scrutiny

NASA asserts it is preparing this Supplemental EIS because of "significant new information"—primarily that it has discovered that it is responsible for much more contamination than it previously estimated. (DSEIS cover sheet). NASA now says it has belatedly discovered that there is 75% more contaminated soil than it had thought in 2014 when NASA published the Final EIS. One would think that such a discovery of more pollution would result in *more* cleanup. However, NASA has instead proposed to radically reduce the amount of cleanup it does, even as it admits that it contaminated the property more than it had previously realized. The use of purported new information of increased contamination as the excuse for an DSEIS proposing to clean up much less is arbitrary and capricious.



NASA Inflates Soil Cleanup Volumes so as to Be Able to Push for Weaker Cleanup Standards

NASA asserts in its DSEIS that large volumes of soil would need to be excavated to meet the cleanup requirements in the legally binding agreement it entered into with the state in 2010. Seemingly in order to try to build a case for breaking that agreement, NASA has heavily inflated those figures. It has done so with an indefensible assumption: that wherever there is soil contamination on the surface, soil would have to be removed down to bedrock or up to 20 feet below ground surface (BGS). So, wherever there are measurements showing the contamination is just at the surface, NASA nonetheless assumed all the soil above bedrock or down 20 feet would have to be removed. Where there are no measurements showing contamination beneath the surface, NASA again assumes all soil down to bedrock or up to 20 feet BGS would be removed.

NASA admits that the DSEIS volume estimates are inflated: “These numbers ... represent *the upper levels* of expected excavated soil quantities....” (DSEIS, p. 2-12, emphasis added). Yet it uses these inflated numbers to create the false impression that a full cleanup would require “moonscaping” the site to bare rock and the neighborhoods having to tolerate huge numbers of trucks, all to the end of trying to get out of cleaning up the contamination its environmentally reckless operations at SSFL created and which it is bound to remediate by the AOC cleanup agreement it executed with the state in 2010. NASA fails to consider the option of taking more measurements to carefully delineate the contaminated areas so as to not remove soil that is, in fact, not contaminated.

Conclusion

NASA is legally bound by the AOC it executed with DTSC to clean up to background. Even were there no AOC, NASA has no authority to decide how much or little of its contamination to clean up; that authority rests with its regulator, DTSC. NASA’s new alternatives, presented in the DSEIS, would breach the AOC and the regulator’s insistence on cleanup to the AOC standards. NASA should reverse course and only consider alternatives that would comply with the AOC.

Detailed additional comments on the SSFL DSEIS are attached.

Sincerely,



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DTSC Director Meredith Williams

Detailed Comments on NASA Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory

I. Summary of Comments

NASA's action is unlawful in terms of process and substance. If the agency follows the course of action it proposes in the Draft Supplemental Environmental Impact Statement (DSEIS), Californians would be harmed and meaningful cleanup would be foreclosed for future generations. The decision by the Trump Administration NASA to issue this DSEIS sets the stage for abandoning huge amounts of chemically hazardous material and would consign this important land in Southern California, set in the midst of millions of California residents, to never be cleaned up. Collectively, the undersigned City of Los Angeles, the Natural Resources Defense Council, Committee to Bridge the Gap, and Physicians for Social Responsibility-Los Angeles urge NASA to withdraw the DSEIS and to immediately commence working with the State and the public to quickly reach compliance with the AOC that the agency signed nearly a decade ago.

In the following pages we detail (II) the failure of NASA to make available for review key documents in a timely fashion; (III) that NASA's claims of "significant new information" requiring preparation of a supplemental EIS do not survive scrutiny; (IV) NASA inflates the amount of and impacts from trucks necessary for excavation and fails to consider reasonable alternatives; (V) NASA falsely claims suitable replacement soil for the cleanup is not available; (VI) NASA erroneously asserts Boeing's parts of SSFL will be cleaned up to recreational standards and that would justify NASA breaking its own cleanup agreement; (VII) NASA falsely claims that the cleanup levels it agreed to are too protective for human health; and (VIII) NASA misrepresents the alternative standards it proposes to use that would breach its cleanup agreement.

II. NASA Fails to Make Publicly Available Key Documents Upon Which the DSEIS is Based, Impairing Meaningful Public Review and Comment

When NASA published the DSEIS on October 25, 2019, approximately two-thirds of the documents it referenced and relied upon ("DSEIS References") were not made public. Even after NASA claimed to have fixed the problem and posted all DSEIS References, many of the documents were in fact still not accessible. Further, NASA failed to even identify sources to provide a basis for many claims in the DSEIS.

Such failures have legal consequences. NEPA's fundamental objective is twofold: both that agencies will "consider every significant aspect of the environmental impact of a proposed action," *Vermont Yankee Nuclear Power Corp. v. Natural Resources Def. Council, Inc.*, 435 U.S. 519, 553 (1978), and also ensure "that the relevant information *will be made available to the larger audience* that may also play a role in both the decisionmaking process and the

implementation of that decision.” *Robertson v. Methow Valley Citizens Council*, 490 U.S. 332, 349 (1989) (emphasis added); see also 40 C.F.R. § 15001(b) (“NEPA procedures must insure that environmental information is *available to public officials and citizens before decisions are made* and before actions are taken. The information must be of high quality. Accurate scientific analysis, expert agency comments, and *public scrutiny* are essential to implementing NEPA.”).

“The information included in and referenced by [an] EIS [must] allow the public to ‘play a role in both the decisionmaking process and the implementation of that decision.’” *WildEarth Guardians v. Montana Snowmobile Ass’n*, 790 F.3d 920, 927-28 (9th Cir. 2015) (citing *Methow Valley*, 490 U.S. at 349). Therefore, to comply with NEPA’s public disclosure requirement, an agency either must provide the public with the underlying data from which it determines its conclusions, or it may incorporate a “publicly available document” by reference so long as “it is reasonably available for inspection by potentially interested persons within the time allowed for comment.” *Id.* (citing 40 C.F.R. §§ 1502.21, 1502.24).

Here, NASA failed to comply with NEPA’s mandate of public information and participation in the decisionmaking process by both failing to make documents with underlying data available and also simply not referencing what underlying data it relied on at all. We now proceed to explain these failures in detail.

a. When NASA released the DSEIS on October 25th for public review and comment, NASA failed to make available the majority of DSEIS References.

Approximately two-thirds of the DSEIS References were not immediately made public when NASA published the DSEIS in October of 2019. After numerous public complaints, NASA eventually posted on its website links purportedly to all of the DSEIS References,¹ but not until December 11, 2019, about seven weeks after issuance of the DSEIS for comment and three weeks after the November 20-21, 2019 public hearings NASA held to take public comments. Thus, any early comments were made without the benefit of access to the majority of DSEIS References. NASA should held additional public hearings after making all DSEIS References documents publicly available.

b. Despite NASA’s claim that it eventually posted all the DSEIS References on its SSFL website, critical documents are still not provided, or the links now given for them do not work.

The following are examples of full DSEIS References NASA never made publicly available.

- i. National Aeronautics and Space Administration (NASA). 2017b. NASA Soil Data Summary Report for Santa Susana Field Laboratory, Ventura County, California.*

¹ See December 11, 2019 email from NASA-SSFL-Communications, “Notice of Update to NASA SSFL Website,” stating that “the Supplemental Environmental Impact Statement (SEIS) References” had been “added to the NASA SSFL Website”; Exhibit 04.

Prepared for National Aeronautics and Space Administration, Marshall Space Flight Center, Alabama. February. (“2017 SDSR”)

The 2017 SDSR is perhaps the most critical document upon which NASA relied in its DSEIS,² however, the link on the NASA website to this document leads to a file on the DTSC Document Library that is missing many of its appendices.³ Despite repeated requests to remedy this problem, there has been a continuing failure to do so. Thus, during the entire comment period for the DSEIS, numerous appendices of this most critical document have not been available for public review.

The following set of exchanges, while excruciating to recite in detail (and set forth in Attachment A, a pdf of the relevant emails), illustrate both the lengths to which the public constructively engaged with the NEPA process and the failure of NASA to adequately meet its responsibilities to provide a meaningful opportunity for review of its significant federal actions.

In an email dated December 3, 2019, CBG’s Ms. Taylor Altenbern wrote to Ms. Michelle Banks-Ordone, DTSC Public Participation Specialist for SSFL,⁴ explaining that “Appendices E through J are not included in the body of the text of the Soil Data Summary Report, and are not available on the document library... Sharing these missing documents promptly is essential for people to make meaningful comments on NASA’s draft SEIS. Please make these documents available.”⁵

Ms. Banks-Ordone responded on December 3, stating that she would forward the email to Ms. Lori Manes, the NASA SSFL Community Outreach Officer. Manes subsequently emailed Altenbern on December 5, but did not respond to the request that the incomplete posting of this critical document be remedied; she merely asserted that all appendices are available for review on CDs at the SSFL information repositories. She provided a link to a webpage that she stated would list the repository location and times, but when clicked, it gave an error message.⁶ As discussed below, when two of the repository locations were eventually found, the missing documents were not available there.

Altenbern responded to Manes the same day, requesting once more that NASA ensure that the full SDSR document with all appendices be promptly posted online. On December 10, 2019,

² See, e.g., DSEIS pp. ES-3, ES-6, 1-10, 2-7, 2-8, 2-12, 3-60.

³ The full document is also not available on DTSC’s electronic library for SSFL documents, and requests to DTSC to post it in full have also been unsuccessful to date.

⁴ Because NASA’s SEIS Reference webpage linked to DTSC’s Document Library for the SDSR, Altenbern’s initial email was to DTSC staff, which promptly forwarded it back to NASA. The rest of the email chain that followed was with NASA.

⁵ Taylor Altenbern, “Missing Appendices NASA’s SSFL Soil Data Summary Report,” December 3, 2019. Exhibit 05. The rest of the email chain is included in this exhibit.

⁶ See December 5, 2019 email from Manes, and Exhibit 06, a screen shot of error message. Manes indicated that the appendices are large files, on CDs, and Altenbern responded that there is no reason why the electronic files can’t be broken up into smaller files for posting on NASA’s website, a standard practice.

Manes responded, stating that “NASA has formally requested that DTSC post all of the Final Data Summary Report Appendices to the SSFL Document Library.”⁷

On December 13, 2019, Altenbern emailed Manes again, asking once more when the full SDSR document would be posted, given the impending deadline for DSEIS comments. On December 17, 2019, Manes said that she would get back to Altenbern by the end of that week, December 20, with news when the missing material would be posted. She did not do so.

Finally on December 31, 2019, DTSC posted on its Document Library links to SDSR Appendices E through J, the appendices that had previously been missing.⁸ But clicking on each of the links for those appendices does not produce the appendices but a notice saying “Document or Record not Available on DTSC SSFL Website.”⁹

Despite this, on January 3, 2020, Manes emailed Altenbern stating, “I wanted to let you know that the DTSC has advised NASA that the entire DSR[S] is electronically available on its website, subject to certain space limitations regarding some Appendices.”¹⁰ What she failed to mention is that every single missing appendix that Altenbern originally requested was still missing; every link for those appendices produced a notice saying the appendix was not available.

On our own we found the location for the document repositories. Neither the Simi Valley nor Platt repositories possessed the critical 2017 NASA SDSR.¹¹

The failure to make available the full 2017 SDSR is a NASA responsibility, not DTSC’s. It is a NASA document, which NASA relied heavily upon it in *its* DSEIS, and which NASA promised (and has a legal obligation) to post on *its* website links to all of *its* DSEIS References. Despite repeated requests to NASA to fulfill that promise and post on its DSEIS website the full document it relies upon for its DSEIS, NASA still has not done so.

Thus, during the entire comment period for the DSEIS, Appendices E through J, perhaps the most critical document upon which NASA relied in its DSEIS, have been shielded from public

⁷ December 10, 2019 email from Lori Manes to Taylor Altenbern.

⁸ See December 31, 2019 screen shot of the DTSC Document Library page for the NASA Soil Data Summary Report. Exhibit 07.

⁹ See December 31, 2019 PDFs and screen shots of “Document Missing” pages, Exhibits 08A-K. The appendices’ notices of unavailability also state, “To review a copy of this file, please contact the Department of Toxic Substances Control through the Santa Susana Field Laboratory Public Involvement webpage using the following link.” That link takes one to a general public involvement webpage that does not provide the missing documents or any way to access them. It also includes a contact email if “you have suggestions on the Web site or have questions” for Michelle Banks-Ordone, the person who was initially contacted when the effort to have the full document posted began.

¹⁰ January 3, 2020 email from Lori Manes to Taylor Altenbern.

¹¹ The libraries did possess a May 2019 Soil Data Summary Report, but it is not cited in the DSEIS at all. Many key assertions in the DSEIS reference the 2017 SDSR, the majority of which is missing from the copy posted online.

review despite NASA’s promises to post on its website all the DSEIS References and despite repeated requests for it to make the missing documentation available. Such action contradicts NEPA.

- ii. *National Aeronautics and Space Administration, George C. Marshall Space Flight Center, The Boeing Company, and U.S. Department of Energy, Energy Technology and Engineering Center (NASA, Boeing, and DOE). 2015. Transportation and Road Agreement, Santa Susana Field Laboratory, Ventura County, California (“Transportation and Road Agreement”)*

NASA relies on this document for its claim in the DSEIS that the cleanup will take far longer than it had estimated in its FEIS because “NASA is limited to 16 round-trip truckloads (32 trucks total) per day, 250 days per year.”¹² However, the link to the document on the NASA SSFL website doesn’t work—it takes one to a webpage that shows a “403 - Forbidden: Access is Denied” error code.¹³ NASA’s claim about the supposed truck limit is important to its claim — and, as we show later, false—and having the document upon which the statement is said to rest unavailable for review is inappropriate.¹⁴

- iii. *National Aeronautics and Space Administration (NASA). 2015a. NASA Soil Data Summary Report for Santa Susana Field Laboratory, Ventura County, California. Final. Prepared for National Aeronautics and Space Administration, Marshall Space Flight Center, Alabama. February. (“2015 SDSR”)*

The DSEIS makes a number of critical and questionable assertions about the purported unavailability of replacement soil. The DSEIS refers to a 2014 investigation of five sites from which replacement soil can be obtained, citing to the 2015 SDSR.¹⁵ However, the link NASA provides to that reference on its website takes one to the 2017 SDSR, which appears to have no discussion of a potential replacement soil investigation. We have separately located the 2015 SDSR and it also appears to not have any such investigation reported. It seems that NASA may have meant to cite to the 2015 soil investigation by CH2M HILL, but has not made that critical document available.¹⁶ The missing document apparently confirms that there are adequate supplies of replacement soil, contradicting the claim NASA now makes in the DSEIS.

¹² DSEIS, p. ES-6.

¹³ See January 8, 2020 screenshot, Exhibit 09.

¹⁴ Other DSEIS References posted by NASA that are linked to DOE’s website are also not available and produce the same error message.

¹⁵ DSEIS pp. 2-2.

¹⁶ CH2M HILL, *Field Laboratory Borrow Pit Sampling for Santa Susana Field Laboratory*), August 26, 2015, cited in CH2M HILL, *Comparison of Native Soil and Imported Backfill Material Conditions for Future Restoration Activities, Santa Susana Field Laboratory, Ventura County, California*, prepared for NASA, November 21, 2017, p. 1, hereafter cited as 2015 CH2M HILL 2015 and 2017CH2M HILL respectively.

c. No references are identified for many of the central assertions made in the DSEIS, making review and comment difficult if not impossible.

Along with missing appendices, non-working links, and elusive studies, NASA has also made several critical assertions in the DSEIS without meaningful or supportive references. Such actions are contrary to NEPA and NASA should withdraw this document for substantial revision in the manner we set forth above.

i. Soil volume calculations

NASA asserts in its DSEIS that the fundamental reason it is performing the Supplemental EIS is because of new information showing that an additional 370,000 cubic yards of soil need to be removed in order to comply with the AOC agreements compared with the soil volume estimate established in the FEIS.¹⁷ This substantial increase in the amount of soil supposedly requiring excavation is crucial to the rationale upon which the DSEIS was drafted and the claims it makes.

Again, the public made extensive efforts to locate the pertinent material to little or no avail. On December 17, 2019, Taylor Altenbern requested that NASA make the soil volume calculations publicly available, asking “if the actual soil volume calculations for the various alternatives are not in fact in the [S]DSR, then where are they?” NASA responded, saying that “soil volume estimates for Alternative A (AOC LUT cleanup) are *based on data from the NASA Soil Data Summary Report,*” but that “*the actual calculations have not been published to date.*”¹⁸

Altenbern requested that these calculations be added to the public record, stating, “NASA needs to make available the material that it is basing its assertions on in the [D]SEIS. Doing this will allow meaningful public review.”¹⁹ NASA has continued to refuse to make the soil volume calculations available for review, despite repeated requests.

The repeated claims in the DSEIS that DTSC had confirmed NASA’s soil volume estimates also appear to be of little substance, as it appears that DTSC also has not seen the soil volume calculations.²⁰ In a December 20, 2019 email, NASA’s Lori Manes said that DTSC had been provided the 2017 SDSR; however, the 2017 SDSR does not contain the soil volume calculations.

¹⁷ NASA DSEIS, pp. 1-1, 2-7

¹⁸ Email chain with Lori Maines, NASA SSFL Community Outreach Officer, Exhibit 05 (emphasis added).

¹⁹ Email chain with Lori Maines, NASA SSFL Community Outreach Officer.

²⁰ We requested from NASA whatever calculations it may have provided DTSC and any document comprising DTSC’s evaluation of those calculations, if either exist, and have not received a response; neither the calculations nor any review of them has been posted on the NASA SSFL website. Although, as discussed earlier, Appendices E through J of the 2017 SDSR have not been made available, despite repeated requests, they do not appear to contain the soil volume calculations. See the content of those Appendices as described in the 2017 SDSR Table of Contents. Also, NASA’s Lori Manes, in the email chain described above, states that the calculations have not been published.

The importance of the material NASA is shielding from review should not be underestimated. The primary basis NASA gives for performing the Supplemental EIS is new calculations supposedly showing significant increase in the amount of soil needing remediation, and “verification” by DTSC of those calculations.²¹

However, at this juncture NASA has not shared these calculations with the public, and the supposed “verification” of those conclusions by DTSC apparently has also not been based on review of the calculations either. The failure to produce for public review the stated rationale for performing the additional SEIS work in the first instance is troubling and in contravention of the law.

ii. *Analysis and calculations for Human Health Risk Assessment (Human Health RA) and the Ecological Risk Assessment (Ecological RA) cleanup levels for the Suburban Residential or Recreational standards*

NASA has also not disclosed the analysis and calculations that they performed to produce the proposed Human Health RA Suburban Residential and Recreational cleanup levels and the Ecological RA cleanup levels. These are key, weakened standards for the cleanup now proposed by NASA and failure to disclose the basis of its analysis violates basic public disclosure and review tenets of NEPA.

For example, Appendices 2C and 2D of the DSEIS merely list in tables its proposed Human Health RA cleanup levels. Next, NASA proposes for scores of individual contaminants Ecological RA values, *but NASA does not provide documentation showing the actual derivation of these numbers.* NASA merely states, “This alternative would use site-specific risk-based cleanup levels for contaminants in soil at SSFL that have been developed based on standard risk assessment procedures and equations provided in the DTSC-approved Standardized Risk Assessment Methodology (SRAM), EPA risk assessment guidance (RAG), and Cal EPA RAG.”²² However, NASA does not disclose the actual calculations and assumptions it used to reach these conclusory numbers. The values NASA proposes differ markedly from both the human health and ecological Risk-Based Screening Levels from the DTSC-approved SRAM, as we show below. Thus, vague statements that NASA developed its numbers using unspecified procedures and equations from the SRAM and other agencies’ RAGs and similarly unspecified site-specific inputs are insufficient to allow scrutiny of how NASA came up with its questionable values. NEPA does not tolerate such games of “hide-the-ball.”

iii. *Ecological risk assessment*

NASA claims in the DSEIS that cleanup Alternatives C and D would be protective of ecological receptors,²³ stating as its basis for that assertion, “An ecological risk assessment was conducted in accordance with the ecological risk assessment guidance developed for the DTSC-approved

²¹ See DSEIS Cover Sheet.

²² DSEIS p. ES-5.

²³ DSEIS p. 2-11.

SRAM, Revision 2 Addendum (MWH, 2014b).”²⁴ However, NASA has not made available the “ecological risk assessment” it says it produced. SRAM 2 is cited by NASA merely for its assertion that NASA’s evaluation was done in accordance with guidance found in SRAM 2, but of course does not contain the ecological risk assessment NASA claims to have performed consistent with that guidance. Furthermore, we note that the ecological risk assessment values NASA proposes in Appendices 2C and 2D for individual contaminants are contradicted by the actual ecological risk-based screening levels (EcoRBSLs) in the SRAM 2 Addendum.

The DSEIS states, “Alternative C is protective of ecological receptors such as plants, invertebrates, birds, and mammals that may live or forage on this site” and that “It has been confirmed that the soil cleanup under Recreational Scenario (Alternative D) is also protective of ecological receptors.”²⁵ However, the ecological risk assessment NASA says it conducted and which supposedly supports its DSEIS claims that Alternatives C and D would protect ecological receptors has not been made available to the public for review. Reliance on conclusory statements about an ecological risk assessment that NASA refuses to make available for review strikes at the heart of NEPA public comment rights.

iv. Detection limits

In the DSEIS, NASA makes contradictory claims regarding detection limits, a key basis given for its supposed need to prepare a Supplemental EIS and propose alternatives that would violate the AOC. NASA states that DTSC determined the Lookup Table (“LUT”) values based on measured background levels and “the method reporting limits (MRLs) of laboratory equipment.”²⁶ Therefore, when background concentrations were lower than what a laboratory could detect, the MRLs were used in their place, ensuring that soil samples could be classified as contaminated (or not) with a high level of certainty.²⁷ However, on the very next page, the DSEIS states as one of the key reasons for preparing the DSEIS that “The AOC LUT values are significantly below conventional laboratory capabilities.”²⁸ No citation is given to provide a basis for this assertion.

On October 30, 2019, just a few days after the DSEIS was issued, Briana Jahnsen noted this discrepancy and emailed NASA SSFL Project Manager Peter Zorba asking for documentation of NASA’s claim. She wrote:²⁹

In NASA’s “Draft Supplemental Environmental Impact Statement for Soil Cleanup Activities at Santa Susana Field Laboratory” there are inconsistent

²⁴ DSEIS, p. 2-10.

²⁵ DSEIS p. 2-11.

²⁶ DSEIS p. ES-2.

²⁷ DTSC, *Chemical Soil Background Study Report*, December 2012, p. 1 – 2. Exhibit 10.

²⁸ DSEIS p. ES-3.

²⁹ Briana Jahnsen, “*Draft SSFL DEIS*,” email, October 30, 2019, Exhibit 11. Emphasis added. The exhibit includes the entire email chain.

statements regarding chemical detection levels for toxic materials with which NASA has contaminated its portion of SSFL. At one point in the DSEIS, NASA says that DTSC set the Lookup Table (LUT) values based on measured background levels and “the method reporting limits (MRLs) of laboratory equipment”(p. ES-2). However, on p. ES-3, the draft SEIS proceeds to say, “The AOC LUT values are significantly below conventional laboratory capabilities.” No citation to any source is given for this assertion, and no explanation is provided as to the apparent discrepancy with the prior statement that the LUT values are based on laboratory MRLs. *Could you please provide the documentation supporting NASA’s assertion and which explains the apparent discrepancy with the statement one page prior that the LUTs are based on MRLs of laboratory equipment?*

19 days passed without a response. Jahnsen emailed Zorba again, saying:

I have not had the courtesy of a response to my email of October 30. . . I asked specific questions about apparently inconsistent assertions in the draft SEIS, requested the basis for the questionable assertion (no source was cited to support the claim) . . .

With the public hearing only two days away, the lack of response suggests a continued coverup of the information requested, demonstrating NASA’s lack of concern regarding the community involved.

In order to provide proper public comment at this event and in the short time remaining for written comments, it is essential that . . . assertions made in the SEIS be backed up with sources. I urge you to cease stonewalling—it creates the clear impression that NASA has something to hide and that its claims cannot bear scrutiny. Please answer my questions and make publicly available the SEIS references.³⁰

On November 20, 2019, Zorba responded with a vague statement that “NASA is committed to providing the public information related to its Draft Supplemental Environmental Impact Statement (SEIS).” He promised to post the DSEIS references by the end of the following week, *i.e.* by November 29. NASA missed that self-imposed deadline.

Jahnsen wrote back to Zorba on December 2, 2019, expressing concern once again that NASA had still failed to make available the documentation it had promised.³¹ When NASA finally did respond on December 4, 2019, almost seven weeks after the release of the DSEIS, Zorba continued to not answer Jansen’s repeated requests for documentation explaining the basis for

³⁰ Briana Jahnsen, “*Draft SSFL DEIS*,” email, October 30, 2019 in Exhibit 11.

³¹ Briana Jahnsen, “*Draft SSFL DEIS*,” email, December 2, 2019 in Exhibit 11. (“Although you stated in your response of Nov. 20 to my email of Nov. 18 that NASA is committed to providing the public with the documents on which the draft SEIS relies, I have dwindling faith that the commitments of NASA are being fulfilled as promised.”).

NASA's critical claim about detection limits and the apparent discrepancy with what NASA elsewhere said about the matter. So, at present, NASA has still refused to make public any documentation that forms the basis for this critical detection limit issue that it claims forms one of the key bases for having to produce an SEIS.

v. *Effectiveness of soil treatment techniques*

NASA fails to reference or make available any source for its claim that significant new information demonstrates that soil treatment techniques are ineffective and incapable of reducing contaminant concentrations to levels required by the AOC. In its 2014 FEIS, NASA discussed numerous technologies by which contaminated soil could be treated *in situ* or *ex situ*—in other words, on site treatment that would markedly reduce the volume of soil that would have to be trucked offsite for disposal.³² Indeed, NASA estimated in the FEIS that 180,000 of the 500,000 cubic yards of soil it estimated needed remediation could be treated on site, requiring only 320,000 cubic yards to be disposed of offsite.³³

In its latest DSEIS, however, NASA now claims that there is significant new information that supposedly shows treatment technologies cannot work:

NASA has evaluated multiple onsite treatment options for use at SSFL. Although some treatment options are viable under the site conditions at SSFL, the LUT values are so much lower than conventional cleanup levels that most treatments are largely unproven to meet the remedial goals for SSFL and are not expected to meet AOC LUT cleanup criteria.³⁴

No citation is provided for this supposed NASA evaluation of “multiple onsite treatment options for use at SSFL.” Nor is any citation provided to a single study, let alone a range of studies, to support the assertion of significant new information contradicting NASA’s representations in its FEIS on the treatability issue. Nor is the NASA evaluation or any supporting treatability study included in the DSEIS References or posted on the NASA DSEIS References page on its website.

We have on our own found a copy of NASA’s report evaluating soil treatment technologies for SSFL contamination, comprising nearly 700 pages of detailed analysis of half a dozen primary soil treatment technologies.³⁵ The report includes review of large numbers of case studies, plus bench scale and field tests at SSFL. As discussed later in these comments, in Section III.e., this recent and comprehensive report by NASA itself on these soil treatment technologies reaches precisely the opposite conclusion than that claimed by NASA in its DSEIS.

We are 10 single space pages into a long document and we could continue in this vein for several more pages. But we will spare NASA and other relevant readers and simply note that this same

³² FEIS pp. 2-20 - 2-21.

³³ FEIS pp. 2-21 - 2-28.

³⁴ DSEIS p. ES-2.

³⁵ NASA, “Soil Treatability Studies Summary,” May 2018, Exhibit 12

pattern is repeated throughout the DSEIS. NASA refuses to make available for public review key documents relied upon for critical claims in its DSEIS, or it fails to even identify the sources that supposedly provide the basis for the claims. When one is able to find some of the documents, it turns out that they illustrate facts contrary to NASA's assertions or simply state the opposite of what NASA claims in its DSEIS. A clear question arises whether NASA is shielding the fundamental documents on which the DSEIS rests because, if those documents were subject to public scrutiny, the NASA DSEIS claims disintegrate. NASA should withdraw the DSEIS.

III. NASA's Claims of "Significant New Information" Requiring Preparation of a Supplemental EIS Do Not Survive Scrutiny

NASA's assertion that it is required by NEPA to conduct this Supplemental EIS for soil cleanup stands on two shaky legs: (1) "there has been a significant increase in the expected soil remediation area and volume as determined by the follow-on field work" and (2) that those calculations of increased area and volume have undergone "verification by the California Department of Toxic Substances Control in its draft Programmatic [sic] Environmental Impact Report [{"draft PEIR"}]."³⁶

It must be emphasized that even if it were true that there were significant new data showing substantially *more* contamination than previously realized, that of course would not justify an SEIS proposing substantially *less* cleanup than previously promised. More contamination should result in more cleanup, not less.

However, as our analysis will demonstrate, NASA's claims are spurious. What has actually increased substantially is not the amount of soil proven to require remediation, but rather NASA's efforts to get out of the cleanup commitments it made in 2010. Virtually every statement in the passage from the DSEIS quoted above is either false or misleading. There are *no* measurements in the "follow-on field work" showing contamination in the great majority of the areas NASA now claims to have discovered need cleanup. And as far as the public is aware, DTSC apparently not yet seen, let alone fully reviewed and approved via a public process NASA's soil volume calculations that NASA now claims DTSC has "verified."

- a. Despite its claims to the contrary, NASA has no new measurements to support its claims that significantly greater volumes of soil must be excavated to meet AOC requirements.**

NASA claims that the basis of the Supplemental EIS is that there is new, significant information that proves that there is much more contaminated soil requiring excavation than previously anticipated.³⁷ Yet in truth there are no new data to support NASA's claim.

³⁶ DSEIS Cover Sheet. Note that the Cover Sheet identifies no other bases for having to conduct a Supplemental EIS.

³⁷ DSEIS, Cover Sheet

NASA's official estimate in its 2014 FEIS of the amount of soil requiring excavation and disposal was 320,000 cubic yards with on-site treatment and 500,000 cubic yards if there were no such treatment employed.³⁸ NASA also estimated in the FEIS that 105 acres of land would need remediation of one sort or another.³⁹ NASA now claims there are significant new measurements that show that in fact, in order to meet the AOC, 870,000 cubic yards will have to be excavated and disposed of offsite, and the acreage supposedly requiring excavation has now increased to 220 acres.⁴⁰ Thus, NASA now claims that the soil volume requiring excavation has nearly tripled compared to what it estimated in the FEIS with treatment, and increased by 70% if one ignored the potential for treatment; NASA's claimed acreage requiring excavation has now doubled.

The primary way that NASA inflated area estimates, and thus soil volume projections, was by tacking on large areas called "extended remediation areas" (XRAs) to the original "Estimated Remediation Areas" (ERAs), upon which the NASA FEIS had been based. Over 250,000 cubic yards of the 370,000 additional cubic yards of soil NASA now estimates requires remediation is due to the addition of these XRAs.⁴¹ This is more than two-thirds of the increase in soil volume estimates in the DSEIS, and an even greater fraction of the increase in acreage.⁴²

The XRAs are shown in light purple in the map below,⁴³ adding markedly to the area of the ERAs, which are delineated in dark purple—illustrating clearly the dramatic increase in NASA's contamination estimate.

³⁸ FEIS pp. ES-8, ES-9.

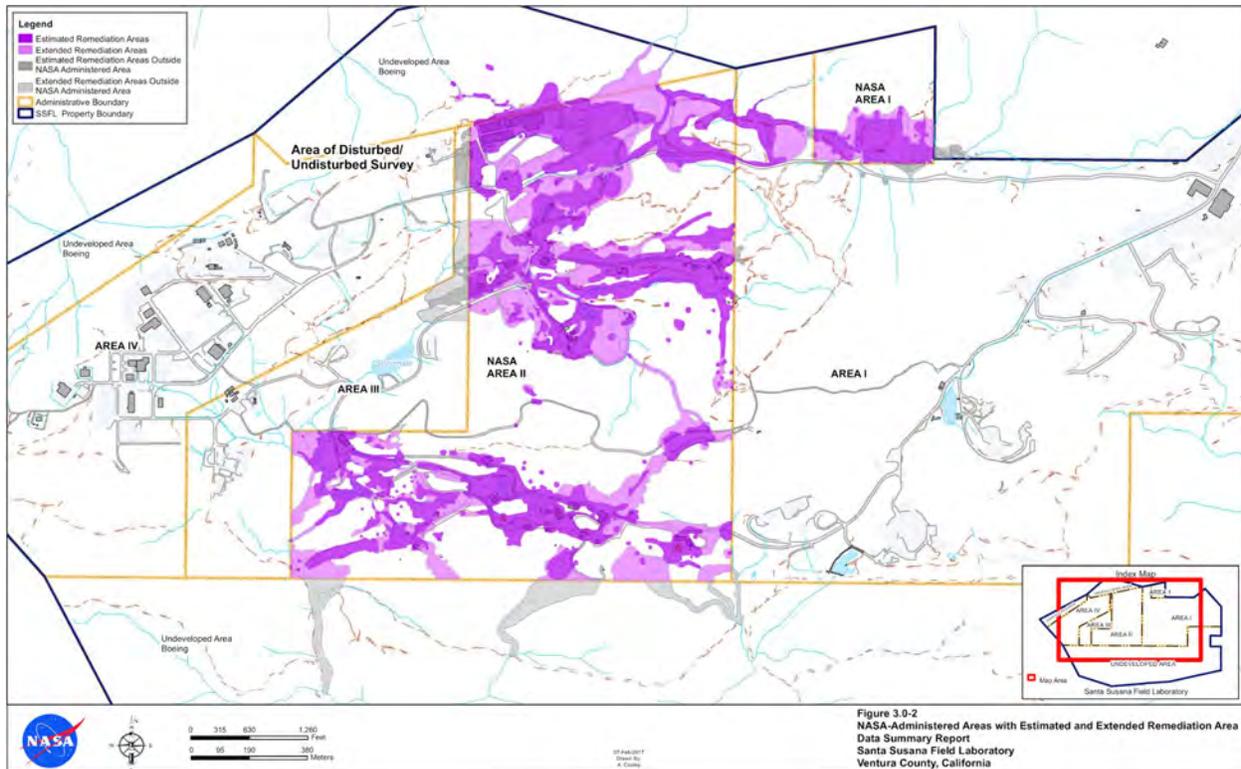
³⁹ FEIS pp. ES-24.

⁴⁰ DSEIS pp. 3-56; Table 2.2-2, pp. 2-12.

⁴¹ Allen Elliot, NASA SSFL Soil Cleanup Backfill Calculations, 2018, a DSEIS Reference.

⁴² *Ibid.* 2018, pg 1, footnote 1. (This footnote in the Elliot table states that XRAs are "based on PAHs, TPHs, and dioxins" and "due to the nature of these COCs, a depth of 2' is assumed for the extended footprint." Considering that the maximum soil volume estimates for ERAs increased by 117,689 yd³ and NASA assumed that Extended Remediation Areas would be excavated deeper, down to bedrock or up to 20 feet, whereas the XRAs added an additional 252,311 yd³ and are only excavated down to 2 feet, it can be deduced that the factor by which the increase in acreage is due to the XRAs is even larger than the factor by which the volume estimates increased due to the XRAs.)

⁴³ 2017 SDSR Figure 3.0-2.



Although there are a number of unsupportable assumptions that NASA used to inflate the ERA acreage and volumes, which are discussed later, at least the ERAs were based in part on actual measurements. What the DSEIS does not directly disclose, however, is that the new areas NASA has designated as XRAs and supposedly also require excavation (the light purple areas in the map above) do not contain *any* soil samples that show actual or potential contamination.

In order to make this determination, we cross-compared two sets of maps from the 2017 SDSR, the Site Identification and Location Maps⁴⁴ and the Sample Locations and Estimated Remediation Areas maps.⁴⁵ We analyzed if any exceedances (shown as red dots or squares in the SDSR figures) or non-detected concentrations exceeding screening criteria (shown as blue dots or squares) were located within the XRAs.⁴⁶ This comparison determined that *no such measurements finding exceedances or potential for exceedances are located in the XRAs.*

In the table below, we have compiled in the second column for each XRA the number of exceedances of LUT levels (red dot/squares in the SDSR) or non-detects involving measurements that employed detection limits higher than LUT values (blue dots/squares in the SDSR).⁴⁷ In the third column, we show for each XRA the approximate number of measurements

⁴⁴ 2017 SDSR p. 703 *et seq.*

⁴⁵ 2017 SDSR p. 705 *et seq.*

⁴⁶ We discuss later the problem of NASA utilizing detection limits that are too high to detect exceedances above the AOC cleanup levels.

⁴⁷ Called in the table “Non-Detects” for short.

showing the soil sample to be “clean” (green dots/squares in the SDSR), *i.e.*, the measurements detected nothing above the LUT limit and had no non-detects where the detection limit exceeded the LUT level. One will see that there are no samples showing actual or potential exceedances of cleanup levels in any XRA, whereas there are numerous samples in the XRAs showing the sample to be clean. However, 81% of XRA sites had at least 1 non-exceedance, or “clean” sample, in the XRAs. Notwithstanding the lack of any measurements to support the action, NASA has gone ahead and assumed that all of the scores of acres and a quarter of a million cubic yards of soil in the XRAs will need to be excavated and disposed of offsite.

Facility/Area	# of Exceedances or Non-detects in XRA Area	Approximate # of Clean Samples in XRA area
Alfa/Bravo Fuel Farm	0	0
Propellant Load Facility Station	0	3
Coca/ Delta Fuel Farm	0	5
Ash Pile/ Sewage Treatment Plant	0	19
Building 204 Area	0	2
Storable Propellant Area	0	7
Skyline Road Area	0	0
Alfa Area	0	5
Bravo Area Station	0	6
Former Liquid Oxygen Plant	0	8
Area II Landfill	0	0
Expendable Launch Vehicle Station	0	29
Coca Area	0	2
Delta Area	0	17
R-2 Ponds	0	2
Hazardous Waste Storage Area	0	1

Roughly half of NASA’s data it claims show soil requiring cleanup are “non-detects.” Despite DTSC having set MRLs for contaminants—based on what laboratories actually could accurately detect during the background study and what a review of multiple laboratories indicated were achievable MRLs for other chemicals—NASA inexplicably took large numbers of measurements using far poorer MRLs than those required and available. Thus, a great many of its measurements are useless. Nonetheless, NASA has used its own failure to use appropriate MRLs to inflate its soil volume, and therefore also truck numbers and cleanup time estimates.

We are keenly aware of the seeming incongruity of this situation and these precise comments. We, collectively, are the public non-governmental entities that have fought most ferociously for a thorough and meaningful cleanup of this site, and we have done so for decades and we have every intention of continuing to do so. So we want to be precisely clear – *this is not to say that there is no contamination in the XRA areas*. There may well be, and any that exists should be cleaned up. However, NASA provides no measurements supporting its claim of newly discovered additional contamination. In seeming contrast to what NASA has done with the supplemental NEPA work, we suggest a careful characterization process for the XRA area that identifies the contamination for cleanup. Such a process has not clearly been disclosed yet.

Indeed, NASA indirectly admits as much. According to the 2017 SDSR, “The XRAs were generated by *looking* at the sites and the facility as a whole and analyzing the potential for occurrence [of contamination] beyond the farthest step-out locations . . . boundaries were determined for the XRAs by *looking* at topography, including slopes, rock outcrops, drainageways, and roads.”⁴⁸ “Looking” at topography is, of course, different than sampling soil for contaminants.

It is troubling that, nearly a decade after signing the AOC, NASA still hasn’t taken more than a handful of measurements in these large areas of its site that it concedes could potentially be contaminated. However, NASA’s failure—the *lack* of measurements showing contamination in the XRAs—cannot be used to claim significant new information showing greatly increased areas and soil volumes that require cleanup. And NASA’s mere assertions, unsupported by any meaningful data and analysis, cannot be used to justify the preparation or content of this DSEIS.

b. NASA also inflates soil volume estimates by assuming all extended remediation areas must be excavated to bedrock or up to 20 feet.

An additional way that NASA has exaggerated the soil volume estimates is by assuming that soil excavation must extend down to bedrock or up to 20 feet below ground surface.⁴⁹ NASA apparently is assuming contamination goes down that far and soil needs to be excavated to that depth even when there are no measurements showing contamination to those depths or measurements show contamination only at the surface.⁵⁰ These are unsupportable assumptions.

The 2017 SDSR shows numerous samples where contamination is found at the surface but not in the subsurface, where contamination is found in the subsurface but not all the way to bedrock or 20 feet bgs, or where surface samples have been taken but no subsurface samples have been

⁴⁸ 2017 SDSR p. 3-1 (emphasis added).

⁴⁹ DSEIS pp. 2-8, 2-10, 2-11.

⁵⁰ The 2018 SDSR shows numerous samples where contamination is found at the surface but not in the subsurface, found in the subsurface but not all the way to bedrock or 20 feet bgs, or where surface samples have been taken but no subsurface samples at all.

taken at all. Most surface sample locations had no subsurface samples taken, as indicated in the table below.⁵¹

Facility/Area	# of Surface Sample Locations	# of Subsurface Sample Locations	% of Surface Sample Locations Without Any Subsurface Samples
Alfa/Bravo Fuel Farm	94	51	46%
Propellant Load Facility	112	32	71%
Coca/Delta Fuel Farm	144	64	56%
Ash Pile/Sewage Treatment Plant	295	205	31%
Building 204 Area	122	62	49%
Storable Propellant Area	188	75	60%
Skyline Road Area	52	9	83%
Alfa Area	307	111	64%
Bravo Area	260	125	52%
Former LOX Plant	334	121	64%
Area II Landfill	264	91	66%
Expendable Launch Vehicle	500	176	65%
Coca Area	338	58	83%
Delta Area	158	49	69%
R-2 Ponds	61	15	75%
Hazardous Waste Storage Area	41	7	83%

Further, roughly half of the measurements taken in these areas are identified as “non-detect”⁵²—but NASA counts them as detections above screening levels because it used poor quality detection limits—much higher than the MRLs required by DTSC and determined by DTSC to be available from laboratories. In other words, NASA is assuming large volumes of soil will have to

⁵¹ This table was compiled from the site description summaries found in Section 3 of the 2017 SDSR. One should note that even for those locations where a subsurface sample was taken, there may have been merely one subsurface sample, or if more than one, they may not have gone down 20 feet or to bedrock. Therefore, even in the minority of cases where a subsurface sample was taken below a surface sample, there may be insufficient data to demonstrate the need to excavate to bedrock or 20 feet below ground surface. (The data presented in the table also do not account for the possibility that in some cases there may be sample locations where subsurface samples were taken but not surface samples.)

⁵² 2017 SDSR. On the maps showing sampling, approximately half of the samples are marked as blue, non-detects but with a detection limit higher than the LUT value.

be excavated because of its own failure to use proper detection limits, even though those measurements didn't detect any contamination. Obviously, the correct approach is for NASA to take samples that meet the detection limits required by the AOC and DTSC, and only remove soil that actually exceeds the AOC LUT levels, rather than presuming one will have to excavate vast amounts of soil for which no contaminant was detected but for which NASA failed to use appropriate detection limits.⁵³

Again, it is troubling that NASA's characterization work (that the majority of locations where surface samples were taken had no subsurface samples at all) has been so inadequate, years after the commitment to clean up this site. But the failure to have acquired necessary data is not "significant new information" demonstrating larger contamination volumes and justifying a DSEIS, nor can it provide a basis for assuming everywhere there is surface contamination that it goes down to bedrock or up to 20 feet bgs. The absence of data is not evidence of data, particularly when the failure to have acquired the data is NASA's responsibility.

c. NASA falsely claims that DTSC "verified" NASA's calculations of increased acreage and soil volumes requiring cleanup, when DTSC apparently never even saw them.

As discussed earlier in Section II.c.i., it appears DTSC has not been provided and thus has not reviewed NASA's soil volume calculations for the increased soil volumes that NASA claims DTSC has verified.⁵⁴ The sole source cited by DTSC in its draft PEIR for the NASA soil volumes is a June 29, 2015 email from Peter Zorba of NASA to Paul Carpenter of DTSC and Jason Ricks of ESA (the contractor preparing the PEIR).⁵⁵ This email was in response to a June 26 email from Ricks to Carpenter and Wetter at DTSC asking, "Has there been any follow up on whether we should replace NASA's PRAs [Preliminary Remediation Areas] with the final remediation area? Also, we need to confirm whether they are officially revising to 650,000 cy or staying at 500,000 cy." Carpenter forwarded that email the same day to NASA's Zorba, saying, "Pete, Can you get us an update on the FRA [Final Remediation Areas] and the volume estimate question from Jason Ricks? Thanks, Paul C."

⁵³ DTSC called attention to this issue in its comments on the 2017 SDSR, stating in comment 88 that the "the site evaluations and limits of remediation areas also depend significantly on samples that were non-detect but had reporting limits that exceeded the screening criteria." Soil Data Summary Report, Response to Comments, 2017, pdf. pp. 2,074. NASA responded, stating that "If the [reporting limit] and [minimum detection limit] both exceeded the screening level, the sample was considered a reporting limit exceedance, meaning that it could potentially have been an exceedance for that parameter if the laboratory methods were able to detect the parameter at the low screening level value." *ibid*. However, NASA shouldn't have used soil analysis methods that couldn't detect contaminants at the levels of concern, especially when DTSC had formally identified much better detection limits readily available and which form the basis of the LUT values in the first place.

⁵⁴ NASA Community Outreach Officer declared in a January 3, 2020 email to Taylor Altenbern that "DTSC states in their 2017 Draft Programmatic [sic] Environmental Impact Report (EIR) that it reviewed *NASA's DSR data and determined it was reasonable for estimating soil volume.*" Thus, what DTSC saw was the DSRS, not the soil volume calculations, and what it determined was reasonable was the use of the DSRS data for such calculations, but DTSC didn't see or verify the calculations themselves.

⁵⁵ Draft PEIR pp. 1-16, 3-25, citing "NASA 2015d," which on page 9-4 of the Draft PEIR References section is identified as "email from Peter Zorba (NASA) to Paul Carpenter (DTSC) and Jason Ricks (ESA), Subject: NASA Final Remediation Areas, June 29." The full email chain is found at the DTSC SSFL Document Library and is included here as Exhibit 13.

Carpenter, Paul@DTSC

From: ZORBA, PETER D. (HQ-AI020) <peter.d.zorba@nasa.gov>
Sent: Monday, June 29, 2015 11:53 AM
To: Carpenter, Paul@DTSC; Jason Ricks
Subject: Re: NASA Final Remediation Areas

Paul/Jason -

We will not have Final remediation areas (FRAs) until SRAIPs and DTSC decision document, so the estimated RAs are based on DSR data. These estimated clean up areas are NASAs most accurate and up-to-date soil estimates.

- Estimate cleanup areas (same as DSR FRAs) ~ 625,558 cy
- Extended RAs estimated at ~ 869,567 cy

Thanks,

- Pete

Above is the entire June 29, 2015 email. As far as the public is aware, NASA provided no calculations for DTSC to review.

What DTSC did in its draft PEIR is merely reported what *NASA's estimate* was, that it “is considered a greatest degree of impact scenario” with any actual volume likely to be less, and that the data in the NASA Soil Data Summary Report were reasonable to use in coming up with soil volume calculations.⁵⁶ That is a far cry from independently “verifying” NASA calculations DTSC never saw.

d. NASA also inflated soil excavation volumes by reversing its own prior position and now falsely asserting no soil treatment technologies could be employed at SSFL.

In its 2014 FEIS, NASA identified an array of on-site soil treatment technologies that could be used at SSFL and concluded that 36% of the contaminated soil (180,000 of the 500,000 cubic yards) could be treated on-site, rather than having to be disposed of off-site.⁵⁷ Now in its DSEIS, however, NASA claims that significant new information has arisen that demonstrates that such soil treatment technologies “are not expected to meet AOC LUT cleanup criteria.”⁵⁸ NASA says

⁵⁶ Draft PEIR pp. 1-16, 3-10.

⁵⁷ FEIS pp. 2-20 - 2-28.

⁵⁸ DSEIS p. ES-2. The DSEIS discussion of soil treatability issues is at times contradictory and slippery. For example, in its listing of significant new information that has supposedly caused it to prepare the DSEIS and question the AOC it signed, NASA suggests in a single sentence, without citing to any factual support, that soil treatment technologies cannot work at SSFL to meet AOC cleanup levels. DSEIS p. 2-7. Elsewhere in the DSEIS, however, NASA discusses at length seven of those very technologies, describing them as “viable,” which it defines as “effectiveness in cleaning up site-specific contaminants under the environmental conditions present at SSFL.” DSIES pp. 2-1, 2-6. There is not a word in those six pages of discussion of the different techniques that indicate they

this claim is based on an evaluation of treatment technologies, but does not cite to any evaluation document or supporting studies, does not include any such evaluation or studies in the DSEIS References, and has not included them on its webpage for DSEIS supporting documents.

We have nonetheless obtained the May 21, 2018 document “NASA Final Soil Treatment Suitability Studies Summary.”⁵⁹ *Its conclusions are precisely the opposite of what NASA claims in the DSEIS*; the studies show various soil treatment technologies can successfully treat soil and reduce contaminant concentrations to AOC LUT limits.

In its 2018 document, NASA examined six treatment options in the “NASA Final Soil Treatment Suitability Studies Summary.” Here, we quote the key conclusions⁶⁰ of NASA’s own soil treatment suitability report for those six treatment technologies:

- **Thermal Desorption**
 - “This technology can effectively achieve reductions in COC [Contaminants of Concern] concentrations to the applicable criteria (LUT values...)”⁶¹
 - “Post-treatment COC concentrations for the high temperature test indicated effectively 100 percent removal.”
 - “From an efficacy standpoint, the potential implementation of a full-scale version of the process makes this technology practical.”

- **SVE (Soil Vapor Extraction)**
 - “Based on well-documented studies and field applications, as well as NASA’s bioventing study . . . , SVE is a technology that is feasible at some locations throughout SSFL.”
 - “The expectation that SVE could meet the AOC cleanup requirements is reasonable to a high degree of confidence.”

couldn’t be effective or could not clean up to the AOC LUT values. It appears almost as if two different entities had written the two sections, with the brief separate unsupported claim of ineffectiveness being pulled out of thin air.

Additionally, in that single sentence on DSEIS p. 2-7 where the claim is made that the technologies “are not expected” to be able to clean up to AOC LUT levels, the basis given for this is that “*most treatments are largely unproven* to meet the remedial goal.” (emphasis added). If there were, say, ten possible treatment technologies and four had been “proven” to meet the remedial goals, that statement would still be true. If the bench-scale and field tests of the other six of the possible treatment technologies showed success in meeting the cleanup goals, but NASA somehow felt they weren’t yet full “proof” they could meet the goals, and there was no proof that they wouldn’t work, the same vague statement would also be true. But as indicated in the discussion above, NASA in fact did do actual tests on these treatment technologies and found them to successfully reduce contaminants of concern to the AOC LUT levels. In the converse, NASA has no “proof” that none of the treatment technologies won’t work.

⁵⁹ Exhibit 12.

⁶⁰ NASA Final Soil Treatability Studies Summary, Section 12, Conclusions, pp. 12-1 - 12-2.

⁶¹ The sentence, and similar ones quoted below, continues to list other standards that are also met, in addition to the Lookup Table values: “(LUT values or QAPP RLs, EPA Region 9 RSLs, and SRAM RBSLs).” Because the issue is whether the technology can clean up to the LUT values, for brevity’s sake and to avoid repetition, we have shortened the quoted sentences.

- **Soil Washing**
 - “Based on documented results of the soil washing bench scale TS [Treatability Study] conducted on contaminated soil from the CCDf [Coca/Delta Fuel Farm], this technology can effectively achieve reductions in COC concentrations to the applicable criteria (LUT values”
- **ISCO (In Situ Chemical Oxidation)**
 - “Based on field observations and laboratory analytical results of the final soil samples collected following ISCO operations in the Bravo Skim Pond TTZ [Target Treatment Zone], this technology can effectively achieve reductions in COC concentrations to the applicable criteria (LUT values”
- **Bioventing**
 - “Based on field and laboratory analytical results of the bioventing field scale TS conducted on contaminated soil at the Bravo Skim Pond, this technology can effectively achieve reductions in COC concentrations to the applicable criteria (LUT values”
- **Landfarming**
 - “Landfarming has been demonstrated for the classes of petroleum compounds and for some related PAH [Polycyclic Aromatic Hydrocarbon] and pesticide compounds found at SSFL. This review found that landfarming led to the successful reduction of TPH [Total Petroleum Hydrocarbons] concentrations to levels that may not meet LUT values but that have been reduced significantly.”

Thus, NASA’s own soil treatment study concluded that five of the six technologies examined could reduce soil concentrations of Contaminants of Concern to the levels required by the AOC (LUT values). And there was no evidence that the sixth technology (landfarming) couldn’t reduce soil concentrations, as it didn’t involve either bench or field tests at SSFL and the studies it reviewed weren’t designed to address the question of whether LUT levels could be achieved.⁶²

In contrast to a few of the other reports cited above, we did find evidence that DTSC reviewed NASA’s draft soil treatability studies summary report and approved its release as a final report. DTSC noted that the report concluded that landfarming, SVE, and thermal desorption should be

⁶² DTSC, in its review of the NASA draft report, pointed out that the external case studies examined for Landfarming had been focused on meeting an active remedial goal higher than the LUT value, but it should be considered at SSFL with lower remediation goals. The review of the sixth technology, unlike that of the other five, was restricted to a literature review of case studies elsewhere, none of which apparently was designed to see if the technique could achieve LUT levels. The soil treatment study also noted some challenges involving air flow and other matters with the bioventing field scale test and factors such as uniformity in the distribution of the ISCO solution in the ISCO field test, suggesting that others of the treatment technologies might be better choices. It also indicated that because of the multi-year drought that was occurring when the soil washing tests were conducted, other techniques examined might be preferable.

considered for use in the SSFL cleanup.⁶³ DTSC also noted that there were difficulties with the ISCO and bioventing studies that “hamper complete interpretations of those methods, and make firm conclusions about their applicability difficult (as the Draft Summary Report concludes).” NASA had, DTSC said, concluded that ISCO and bioventing were “not *as effective or widely applicable* as landfarming, SVE, and Thermal Desorption technologies.”⁶⁴ DTSC goes on to say, however, that ISCO and bioventing should not be discounted.⁶⁵ Thus, DTSC and NASA agreed that three techniques were effective, and two others were also effective but not as effective as the first three, with DTSC saying they should nonetheless be included in upcoming Soil Remediation Action Implementation Plans.

NASA’s claim in the DSEIS that its evaluation showed that soil treatment techniques “are not expected to meet AOC LUT cleanup criteria” is thus flatly contradicted by the citations above. In fact, the NASA soil treatability studies summary report—which it did not cite or make available on its DSEIS website—concludes exactly the opposite. NASA basing its decision to do a Supplemental EIS on this supposed new information is arbitrary and capricious.

e. NASA also falsely claims that laboratories can’t detect contaminants at the cleanup levels.

Another reason NASA asserts it must prepare a Supplemental EIS and breach its AOC cleanup obligations is new information purportedly demonstrating that laboratories *cannot* detect contaminants at the AOC cleanup levels. This is false, and indeed is contradicted by NASA itself in the DSEIS and by DTSC.

NASA identifies “Laboratory Screening Limitations” as one of the key reasons for the Supplemental EIS, asserting, “AOC LUT values are significantly below conventional laboratory capabilities; for example, levels of polycyclic aromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPHs), and dioxins are so low that laboratories cannot distinguish potential ‘contamination’ releases from natural ‘background’ concentrations of these types of constituents.”⁶⁶ However, just one page before this, NASA says, “Three years after the signing [of the AOC], DTSC developed LUT values based on a DTSC chemical background study *and the method reporting limits (MRLs) of laboratory equipment* (DTSC, 2013).”⁶⁷ So, on one page NASA admits the LUT values are based on what laboratory equipment can detect, and on the very next page claims laboratory equipment can’t detect those levels.

⁶³ Letter from Paul Carpenter of DTSC to Dr. Keith Thomson of NASA, *DSTC Comments on NASA Draft Soil Treatability Study Report*, May 2018, Exhibit 14, p. 1.

⁶⁴ DSTC, *Comments on NASA Draft Soil Treatability Study Report*, Exhibit 14, p. 2. (emphasis added).

⁶⁵ For some reason, DTSC failed to mention the 6th technique examined, soil washing. There are also two treatment technologies identified in both the FEIS and DSEIS that are not analyzed in the NASA Soil Treatability Studies Summary, and one identified in the Studies Summary that is not included in the FEIS and DSEIS. Thus, there may be several additional technologies useful for treatment that have not been fully reviewed.

⁶⁶ DSEIS p. ES-3

⁶⁷ DSEIS, p. ES-2. (emphasis added). The citation is to DTSC’s Chemical Look-Up Table Technical Memorandum; included herein as Exhibit 15.

As discussed earlier, NASA provides no citation to any source as support for the latter claim, identifies no reference in the References, and provides no document in support on its webpage for SSFL DSEIS supporting documents. It is an unsupported and unsupported assertion. The AOC values are *not* below laboratory capabilities—they were set by DTSC based on what laboratories could reliably detect, as NASA admits in the DSEIS.⁶⁸

The AOC states that, “Upon completion of the DTSC-led chemical background study, a ‘look-up’ table of the chemical cleanup levels will be prepared, which will include both local background concentrations as well as *minimum detection limits for specific contaminants whose minimum detection limits exceed local background concentrations.*”⁶⁹ When detection limits exceed local background, an exception to the requirement to cleanup to background applies.⁷⁰ In those circumstances, the LUT defaults to the detection limit. The AOC defines minimum detection limits for chemicals as the “method reporting limit (or MRL), which is the lowest concentration at which an analyte can be confidently detected in a sample and its concentration can be reported with a reasonable degree of accuracy and precision.”⁷¹

In preparing the “look-up table” (LUT), DTSC conducted a background study, which included determining laboratory method detection and reporting limits for each chemical considered.⁷² As stated in DTSC’s background study, “A rigorous laboratory evaluation was conducted to identify laboratories that could consistently produce high-quality, defensible analytical data with the lowest achievable reporting limits (RLs) within a commercial laboratory environment.”⁷³

The subsequent LUT was based on background threshold values (BTVs) for chemicals for which MRLs were lower than the measured background values, MRLs for chemicals in the background study where MRLs exceeded background, and for the chemicals not in the background study, MRLs determined by DTSC based on a review of multiple lab’s capabilities.⁷⁴ As DTSC described its multi-lab study for determining MRLs, “DTSC reviewed and evaluated the MRLs from several different laboratories and from the results of recent and current investigation work conducted on the site (multi-lab MRL study). For all the chemicals that were not part of DTSC’s chemical background study (e.g., volatile organic compounds), the Look-Up Table value is the

⁶⁸ DSEIS, cover sheet p. 2, ES-2.

⁶⁹ AOC Appendix B, p. 2 (emphasis added). See also Department of Toxic Substances Control, Chemical Look-Up Table Technical Memorandum, June 11, 2013, Exhibit 15, p. 2.

⁷⁰ AOC Appendix B, p. 1.

⁷¹ AOC §1.7.3.1.

⁷² Department of Toxic Substances Control, Chemical Soil Background Study Report, December 2012, Exhibit 10, p. ES-2.

⁷³ *Ibid.*, p. ES-2.

⁷⁴ See DTSC Chemical Look-Up Table Technical Memorandum, June 11, 2013, Exhibit 15, particularly the table itself on pdf pp. 8-13, showing the basis for each chemical’s LUT value.

chemical-specific MRL from the multi-lab study.”⁷⁵ DTSC concluded that “the multi-lab *MRLs are routine and practicable.*”⁷⁶

The actual Look-Up Table, in addition to giving the LUT value for each chemical of concern, identified the basis for the cleanup level for each contaminant: BTV (Background Threshold Value), BG-MRL (the Method Reporting Limit for the background measurements, if higher than background), and M-L MRL (the Multi-Lab MRLs from DTSC’s survey of the capabilities of multiple laboratories, employed when the chemical wasn’t part of the background study).⁷⁷

Thus, there are no LUT values at concentrations that laboratories cannot detect, DTSC has formally determined that to be the case, and NASA in its DSEIS admits it. Yet, nonetheless, NASA elsewhere in the same DSEIS claims, without basis or citation, the opposite to be true.⁷⁸

IV. NASA Inflates the Amount of and Impacts from Trucks Necessary for Excavation

By inflating the number of trucks supposedly necessary for the remediation to address the contamination NASA created at SSFL, the question arises whether NASA is exaggerating the number of trucks and length of cleanup required so as to create an argument for breaking the cleanup agreement it signed. However, the extraordinary increase in its estimates seems to have no factual basis.

a. The FEIS and DSEIS both found a “negligible increase in traffic” from cleanup truck trips.

In its FEIS, NASA calculated the increase in daily truck trips that would be caused by the cleanup project and found that “project-related truck trips represent a negligible increase in traffic on the study roadways.”⁷⁹

⁷⁵ *Ibid.*, p. 5.

⁷⁶ *Ibid.* (emphasis added).

⁷⁷ See DTSC Chemical Look-Up Table Technical Memorandum, June 2013, attachment “DTSC Chemical Look-Up Table for DOE NASA at SSFL,” Exhibit 15, pdf pp. 8-13.

⁷⁸ NASA in passing also questions many of its own detections of TPH, PAHs, and dioxins, since they were found in “areas with no known *source* of contamination.” DSEIS p. ES-3 (emphasis added). That, however, is precisely the point—contamination has migrated from the sources (e.g., rocket test stands) by airborne dispersion, surface water migration, etc. to pollute soil outside the immediate operational areas.

⁷⁹ FEIS pp. 4-72, 4-73 (citing to Table 4.5-5).

TABLE 4.5-5
Percentage Increase in ADT (Truck Trips)
NASA SSFL EIS for Proposed Demolition and Environmental Cleanup

Roadway	Average Daily Trips						
	Existing	Demolition		100% Excavation / Disposal (500,000 yd ³)		Excavation/Disposal plus Onsite Treatment (320,000 yd ³)	
		Truck Trips	Percentage Increase in ADT	Truck Trips	Percentage Increase in ADT	Truck Trips	Percentage Increase in ADT
SR 118, near Topanga Canyon Boulevard	126,000	20	0.02%	58	0.05%	36	0.03%
U.S. 101, near Topanga Canyon Boulevard	228,000	30	0.01%	86	0.04%	56	0.02%
Topanga Canyon Boulevard	47,500	50	0.11%	144	0.30%	92	0.19%
Roscoe Boulevard	6,450	50	0.78%	144	2.23%	92	1.43%
Valley Circle Boulevard	10,600	50	0.47%	144	1.36%	92	0.87%
Plummer Street	4,200	0	0.00%	0	0.00%	0	0.00%
Woolsey Canyon Road	1,500	50	3.33%	144	9.60%	92	6.13%
Box Canyon Road	4,000	0	0.00%	0	0.00%	0	0.00%
Santa Susana Pass Road	5,200	0	0.00%	0	0.00%	0	0.00%

Source: FEIS p. 4-73 (highlighting added)

If onsite treatment were employed for soils to reduce excavation/transportation amounts, NASA in its FEIS estimates traffic would increase⁸⁰ on:

- State Route 118 by 0.03%,
- US Highway 101 by 0.02%,
- Topanga Canyon Boulevard by 0.2%,
- Roscoe and Valley Circle Boulevards by approximately 1% each, and
- Woolsey Canyon Road by 6%.

Even assuming that no onsite treatment is conducted at all, and all contaminated soil must be trucked out for disposal, NASA estimated an increase in traffic on:

- State Route 118, near Topanga Canyon Boulevard, by 0.05%,
- US Highway 101, near Topanga, by 0.04%,
- Topanga Canyon Boulevard by 0.3%,
- Valley Circle Boulevard by 1%,
- Roscoe Boulevard by 2%, and

⁸⁰ NASA should disclose the traffic data for when SSFL was fully operational.

- Woolsey Canyon Road, the short private road that is the primary access to the site, by 9.6%.

The largest increase in traffic would be on Woolsey Canyon Road, a short private road which for decades has served as the main access to the field lab. The second highest increase in traffic would be a mere 2% under the full excavation and 1% under the onsite treatment plan. Truck traffic, by NASA's own admission, is therefore a "negligible" concern.

Even the above-cited numbers from NASA's FEIS are likely over-estimates. For example, for these calculations, NASA assumed all truck traffic entering and leaving the site would take Woolsey Canyon Road down to Valley Circle Boulevard to Roscoe Boulevard and from there head either north to State Route 118 or south to US Highway 101 on Topanga Canyon Boulevard. If there were efforts to disperse the traffic to reduce impacts in any one location, these numbers for several of the routes would be even lower. Additionally, NASA assumed that trucks leaving the site with soil for disposal would return empty, and entirely separate set of trucks would additionally enter the site with replacement soil and go back empty, whereas if one is trying to reduce truck impacts and save money, one would have trucks that hauled soil offsite return with replacement soil. One shouldn't add the trips of trucks hauling soil out and hauling soil in; they should be the same roundtrips.⁸¹

In the DSEIS, NASA reduced the daily number of truck trips assumed to 16 round trips daily, claiming it was limited to that amount.⁸² Were NASA correct, and trucks could only do 16 daily round trips to SSFL, then the increase in traffic from those trucks should be even lower than the increase NASA found in the FEIS, when it assumed more trucks per day. The DSEIS doesn't acknowledge such a reduction, in part because of two assumptions made. First, the DSEIS includes not just the trucks for hauling soil but also the cars for the SSFL workers.⁸³ Secondly, NASA multiplies each truck by a factor of 2.5 and adds that figure to the workers' cars total.⁸⁴ So NASA is not really estimating the increase in traffic due to the trucks, but to all cars that would access the site during remediation.

⁸¹ The FEIS assumed, for the situation where there is on-site treatment of part of the contaminated soil, 68 one-way trips (i.e., 34 roundtrips) daily for soil removal, 22 (11 roundtrips) for backfilling, and 2 (1 roundtrip) for deliveries. FEIS p. 2-21. If a fraction of the trucks used for hauling soil off were used on the return trip to bring replacement soil, the total number of trucks departing the site would be almost identical to the amount allocated to NASA in the Transportation Agreement, even if DOE and NASA were using their allocations at the same time.

In the 100% removal case (no onsite treatment), NASA assumed in the FEIS 106 individual trips (i.e., 53 roundtrips) daily for taking soil offsite, and added separately 36 one-way trips (i.e., 18 roundtrips) for bringing in replacement soil, and 2 one-way (i.e., 1 roundtrip) trips for deliveries, for a total of 144 one-way trips or 72 roundtrips. FEIS p. 2-20. Thus, the increases in traffic estimated in the FEIS, already admitted by NASA to be "negligible," would be even smaller if one, as one should, combined the trucks carrying off soil for disposal and had the same trucks return with replacement soil.

⁸² DSEIS p. 3-113.

⁸³ DSEIS p. 3-115 (There obviously were far more of these during the years SSFL operated.).

⁸⁴ *Ibid.*

TABLE 3.8-6

Comparison of Peak-Hour Traffic Conditions: Action Alternatives Traffic Impacts for Start of Remediation Year (2020)

NASA Supplemental EIS for Soil Cleanup Activities, SSFL, Ventura County, California

Roadway	Segment	Project Only Volume	A.M. Peak Hour Volume	P.M. Peak Hour Volume	Daily Peak Volume	A.M. Change over Baseline	P.M. Change over Baseline	Daily Change over Baseline	A.M. Peak Hour V/C Ratio	P.M. Peak Hour V/C Ratio	Daily Peak V/C Ratio	A.M. Peak Hour LOS	P.M. Peak Hour LOS	Daily Peak LOS
Roscoe Boulevard	Woodlake Avenue to Shoup Avenue	18	1,067	1,088	N/A	1.7%	1.6%	N/A	0.43	0.44	N/A	A	A	N/A
Roscoe Boulevard	Shoup Avenue to Farralone Avenue	18	2,252	2,757	N/A	0.8%	0.6%	N/A	0.90	1.10	N/A	D	F	N/A
Valley Circle Boulevard	Woolsey Canyon Road to Chatlake Drive	18	1,328	1,029	N/A	1.3%	1.7%	N/A	1.26	0.98	N/A	F	E	N/A
Plummer Street ^a	Valley Circle Boulevard to Farralone Avenue	18	788	738	N/A	2.3%	2.4%	N/A	0.75	0.70	N/A	C	B	N/A
Woolsey Canyon Road	Valley Circle Boulevard to Knapp Ranch Road	18	242	284	N/A	7.8%	6.6%	N/A	0.23	0.27	N/A	A	A	N/A
Box Canyon Road ^a	Santa Susana Pass Road to Robertson Road	8	542	483	N/A	1.4%	1.6%	N/A	0.52	0.46	N/A	A	A	N/A
Santa Susana Pass Road ^a	Rocky Peak Road to Box Canyon Road	8	391	370	N/A	2.0%	2.1%	N/A	0.37	0.35	N/A	A	A	N/A
SR 27/Topanga Canyon Boulevard	Roscoe Boulevard to Devonshire Street	18	N/A ^b	N/A ^b	4,848	N/A ^b	N/A ^b	0.4%	N/A ^b	N/A ^b	0.92	N/A ^b	N/A ^b	E
SR 27/Topanga Canyon Boulevard	Devonshire Street to SR 118	18	N/A ^b	N/A ^b	4,116	N/A ^b	N/A ^b	0.4%	N/A ^b	N/A ^b	0.84	N/A ^b	N/A ^b	D
SR 118	SR 27 to De Soto Avenue	18	N/A ^b	N/A ^b	13,575	N/A ^b	N/A ^b	0.1%	N/A ^b	N/A ^b	0.60	N/A ^b	N/A ^b	A
US 101	SR 27 to Canoga Avenue	18	N/A ^b	N/A ^b	23,875	N/A ^b	N/A ^b	0.1%	N/A ^b	N/A ^b	1.33	N/A ^b	N/A ^b	F

Notes:

^a Heavy truck trips were assumed not to use these roadways; passenger trips only.^b A.M. and P.M. peak volumes were not available for these roadways, so daily peak-hour volumes are shown.

Source: DSEIS pp. 3-118 (highlighting added)

In the DSEIS, NASA estimates, at peak traffic hour and even with including the workers' cars and multiplying each truck by a factor of 2.5, that the project would increase traffic on:

- Roscoe Boulevard in one direction by 0.6% - 0.8% and in another direction by 1.6% - 1.7%,
- Valley Circle by 1.3% - 1.7%,
- Topanga Canyon by 0.4%, and
- State Route 118 and 101 Freeways by 0.1%.⁸⁵

These are all in the same range that NASA found in its FEIS, and again the DSEIS describes the impact as a “negligible increase in traffic.”⁸⁶

⁸⁵ DSEIS Table 3.8-6. Note that Plummer, Santa Susana Pass Road, and Box Canyon are included in NASA's table, but its footnote “a” indicates that trucks were assumed not to use those roadways; the only traffic considered on them is from SSFL workers in their cars.

⁸⁶ DSEIS p. 3-100.

b. While the increase in daily traffic is still assessed as negligible by NASA, it inflates the number of truck trips and years necessary to complete its cleanup.

NASA in its FEIS estimated cleaning up all the contamination on its part of SSFL would take 23 months and could be completed by 2017, the date promised in the AOC.⁸⁷ NASA now makes the spectacular new claim in the DSEIS that it will take more than 25 years of truck shipments to complete the cleanup.⁸⁸ NASA now says it was wrong in its own FEIS, and that its error was not a few percent, or a factor of two, but that it will take more than thirteen times as long to conduct the shipments as it stated in its FEIS. The extraordinary claim, however, falls apart under scrutiny. As explained below, NASA, by inflating the amount of soil that requires excavation, and using a number of other sleight-of-hands efforts, has dramatically inflated the amount of trucks supposedly necessary to complete the cleanup to AOC requirements.

i. False claim of 16 truck round trips a day

One of the ways in which NASA inflated the number of years it would take to do the cleanup is by falsely claiming that it is limited to 16 round trips a day: “A transportation and road agreement signed in 2015 [(the “Agreement”)]⁸⁹ limits the maximum number of daily truck trips associated with the project to 48 round trips per day. It is assumed that this quantity will be equally shared among the three responsible parties for the site, namely, Boeing, NASA, and DOE.”⁹⁰ NASA repeatedly asserts in the DSEIS that it “is limited to 16 round-trip truckloads (32 trucks total) per day, 250 days per year.”⁹¹ However, the Agreement states that, “truck traffic will be staggered to allow a maximum of 96 truckloads departing the Site per day.”⁹² Thus, NASA’s nominal share would be 32 round-trips daily, not 16 as it claims.

The Agreement further states “If one Party does not need its total number of Trucks that day, the other Parties are allowed to use those trips.”⁹³ Therefore, NASA is not even limited to the 32 round trips, given that it is unlikely that all three Parties will be conducting all of their cleanup

⁸⁷ FEIS pp. 2-20, 2-21.

⁸⁸ DSEIS, p. 2-12.

⁸⁹ Boeing, NASA, DOE, “Transportation and Road Agreement,” 2015, Exhibit 16, pg. 2. As indicated earlier, the link NASA has posted for this document on its website for DSEIS References currently does not work. We previously obtained the document, but others wishing to comment on the DSEIS will not be able to review this critical document which is misrepresented in the DSEIS.

⁹⁰ DSEIS p. 2-13, (citing the “Transportation and Road Agreement”). See also DSEIS p. 3-54.

⁹¹ DSEIS p. ES-6 (citing TRA p. ES-6 ; DPEIR p. 2-13). “The daily maximum number of trucks visiting the site for export and import of materials would be 96 round trips (resulting in 192 total trips) in total for all RPs combined.” Draft PEIR p. 1-20; see also p. 3-29 and Appendix H, p. 21. NASA states on page 3-114 “truck trips will be evenly divided over an 8 hour work day.” However, the Transportation and Road Agreement does not limit the truck trips to an 8 hour window. Exhibit 16. The Agreement states on pg. 2 that “Trucks will be dispatched from Site between 6am and 7pm,” allowing the RPs a 13-hour window for truck trips.

⁹² Transportation and Road Agreement, 2015, Exhibit 16, p. 2.

⁹³ *Ibid.*

activities simultaneously and thus at least some days NASA will be able to use more than 32 round-trips because another Party wouldn't be using their full allotment during that time.

NASA calculated the time required for cleanup by assuming 16 truckloads of soil would leave the site per day, 250 days per year. Using these numbers and NASA's inflated soil volume estimates, NASA asserted that remediation would take 25 or more years. However, this is an exaggeration based on a false claim. If NASA used the correct estimate of 32 truck loads of soil per day, the estimated length of time required could be cut in half, all other factors remaining constant. That is to say, even with NASA's inflated soil volumes, and correcting no other misrepresentations NASA has made in the DSEIS, cleanup would not take longer than approximately 12 years.

ii. "Expansion Factor"

NASA has additionally inflated its truck and cleanup time estimates by assuming that, despite 19 cubic yards of soil being a truck's actual capacity, a single truck could only hold 13.3 cubic yards. NASA says, without providing any support: "The truckload capacity is assumed to be 19 yd³; however, due to the expansion factor for excavated soil, 13.3 yd³ of excavated soil is equivalent to 1 truckload."⁹⁴ This assumption alone artificially increases the number of trucks and the time for cleanup by 43%, a factor of 1.43 (19/13.3=1.43).

As the Southern California Federation of Scientists showed in its DOE EIS scoping hearing testimony in 2014,⁹⁵ this makes no sense because the soil would be compacted back to its normal density as it is put into the trucks.⁹⁶ Subsequently, DOE, in its Final EIS, noted that NASA had not assumed an expansion factor in estimating the number of trucks needed, and that "the three parties [DOE, NASA, and Boeing] agreed to present soil volumes using the in situ quantities and not to apply an expansion factor."⁹⁷

NASA also, in both its DEIS and FEIS, correctly used no expansion factor—it assumed each truck could carry 19 cubic yards of soil and used the "estimated volume of soil requiring excavation."⁹⁸ But NASA has now tried—without providing an explanation for the change—to

⁹⁴ DSEIS p. 2-12, fn. b.

⁹⁵ Statement of The Southern California Federation of Scientists at DOE Scoping Hearing for the Draft Environmental Impact Statement for the Santa Susana Field Laboratory March 1, 2014, Exhibit 17.

⁹⁶ One would do this in part just on economic grounds alone, reducing the number of trucks and thus shipping costs markedly.

⁹⁷ DOE Final EIS Appendix D, p. D-72. See also DOE FEIS D-43.

⁹⁸ NASA DEIS p. 2-18, NASA FEIS p. 2-18. We have checked the calculations and NASA in both cases assumed 19 cubic yards of soil per truck and *in situ* soil volumes (i.e., with no expansion). For example, NASA estimated on p. 2-37 of the FEIS that it would take 26,461 truck shipments for 500,000 cubic yards of soil remediated, which in fact is ~19 cubic yards per truck. See NASA DEIS p. 2-18, -35, 4-90 and NASA FEIS p. 2-18, -37, 4-94 (e.g., "The number of trucks required for soil removal or backfill was estimated based on the soil removal or backfill volume and a truck capacity of 19 yd³.").

quietly alter this input into the calculations and use a large expansion factor in its DSEIS.⁹⁹ NASA is arbitrarily decreasing the soil carrying capacity of each truckload.

iii. Additional areas of inflation

NASA's own DEIS and FEIS assumed that with some use of on-site treatment techniques, 320,000 cubic yards of soil would need to be transported offsite for disposal; with no on-site treatment, the figure was 500,000. In either case, NASA estimated 23 months for completion.¹⁰⁰

NASA now claims there will be 870,000 cubic yards of soil that will have to be hauled off-site, taking 99,098 truck trips and more than 25 years under the AOC cleanup.¹⁰¹ It bases this claim on several indefensible assumptions.

- Additional 250,000 cubic yards of soil to be removed in areas where no contamination has been found.

In the DSEIS, NASA added 252,311 cubic yards of soil in areas it has now designated as Extended Remediation Areas (XRAs),¹⁰² even though, as we demonstrated above, NASA has not a single measurements in those areas showing contamination. Indeed, all the measurements in those areas show no exceedances.

- Assumes all soil down to bedrock or 20 feet must be removed, even if there is no evidence of contamination beneath the surface.

For the Estimated Remediation Areas (ERAs), NASA indefensibly assumed that soil would be excavated to bedrock or up to 20 ft below ground surface, even if measurements show contamination only on the surface or if there are no subsurface measurements at all.¹⁰³

- NASA assumes that all contaminated soil will have to be excavated and disposed of offsite, despite *in situ* and *ex situ* soil treatment technologies.

In its FEIS, NASA identified a number of technologies that would allow contaminated soil to be treated on site, reducing substantially the amount of soil that would have to be

⁹⁹ Note that NASA in its DSEIS has not only inflated the number of trucks and time for cleanup by using an expansion factor—which was not done in its DEIS and FEIS—but it has also inflated the expansion factor, using 43% rather than DOE's previous assumption of 30% or Boeing's previous assumption of 25%. Ultimately, the three parties agreed not to use an expansion factor. (DOE, Draft EIS, Appendix D, p. 63 and Final EIS Appendix D, p. D-72)

¹⁰⁰ NASA DEIS, 2013, pp. 2-19, 2-20; NASA FEIS, 2014, pp. 2-20, 2-21.

¹⁰¹ NASA DSEIS p. 2-12.

¹⁰² NASA, Backfill Calculations from Allen Elliot, 2018.

¹⁰³ DSEIS p. 2-10.

trucked off-site for disposal. In its FEIS, NASA assumed that more than a third (36%) of the contaminated soil on its property at SSFL could be treated on site and not have to be disposed of offsite—with treatment employed, 320,000 cubic yards of soil would be transported offsite; without treatment, 500,000 cubic yards.¹⁰⁴

- Dramatically increases the amount of backfill assumed.

NASA claims in its DSEIS it will need 448,000 yd³ of backfill to be trucked in, as much as four times as much as set forth in its FEIS.¹⁰⁵ There is no new information presented to justify this; NASA is merely changing its assumptions used in its calculations to further exaggerate the truck trips. In the DSEIS, NASA markedly inflates the backfill amount by assuming that all excavated soil at depths greater than two feet would require 100% replacement soil, whereas its own FEIS assumed one-third.¹⁰⁶ There is no basis given for this change; indeed, it is not even identified as a change, but merely hidden in a footnote.¹⁰⁷ Overall, NASA now assumes more than half of excavated soil will need to be backfilled, rather than the original estimate of 33%. Further, as discussed earlier, it has now inflated the amount of soil excavated, which also inflates the amount of backfill assumed. These unjustified increases in backfill estimates result in further overstatement of truck trips to and from the site and the amount of time it will take to complete remediation activities.

- Double-counts trucks for removing contaminated soil and replacing with clean soil.

NASA assumes trucks leaving the site with contaminated soil for disposal would return empty, and trucks going to the site with replacement soil would likewise come back down empty.¹⁰⁸ Even just on an economic basis, this makes no sense, let alone if one is trying to minimize truck impacts. Trucks carrying soil off-site for disposal should return carrying replacement soil to the extent needed.

c. Correcting for NASA's Errors.

i. Correcting for Actual Number of Truck Shipments Allowed Daily

If one were to calculate the length of time it would actually take NASA to achieve a full, AOC-compliant cleanup using its own equations and numbers from its own table, and merely uses the

¹⁰⁴ FEIS pp. 2-20, 2-21.

¹⁰⁵ DSEIS p. ES-6, Table ES-2. In its FEIS, NASA assumed that one-third of excavated soil would be backfilled, amounting to 106,667 yd³ if in situ remediation technologies were employed, and 167,000 yd³ if in situ technologies were not used and all contaminated soil was excavated. FEIS, pp. 2-20, 2-21.

¹⁰⁶ DSEIS p. ES-6, fn. c; FEIS pp. 2-20, 2-21.

¹⁰⁷ DSEIS p. ES-6, fn c.

¹⁰⁸ NASA DSEIS, p. 2-12, NASA gives two separate counts for trucks in Table 2.2-2, 65,414 for Off Haul Truckloads and 33,684 for Backfill Import Truckloads. It then combines these for a total of 99,098 Truckloads, effectively double counting the number of necessary trucks in its calculations.

actual daily 32 roundtrips (64 one-way) allocated to NASA, rather than the erroneous 16 roundtrips, one gets a cleanup duration of:

$$\left(\frac{99,098 \text{ trucks} \div 32 \text{ trucks/day}}{250 \text{ days/year}}\right) = \left(\frac{3,096 \text{ days}}{250 \text{ days/year}}\right) = 12.39 \text{ years}$$

ii. Correcting for Actual Capacity of the Trucks

If NASA were to, as it accurately did in its FEIS, calculate based on the 19 cubic yard capacity of the trucks, rather than the 13.3 cubic yards/truck it erroneously used in the DSEIS, the total number of truck shipments for offsite disposal and to bring replacement soil would be $(13.3 \div 19) \times 99,098$, or 69,368 trucks, and the time required would be:

$$\left(\frac{69,368 \text{ trucks} \div 32 \text{ trucks/day}}{250 \text{ days/year}}\right) = \left(\frac{2,168 \text{ days}}{250 \text{ days/year}}\right) = 8.67 \text{ years}$$

iii. Correcting for the Double-Counting of Truck Trips

NASA is currently assuming that all truck trips are empty in one direction (i.e., that trucks taking contaminated soil offsite for disposal all return empty, and that trucks bringing replacement soil up to the site all come back down empty). If NASA were to assume, as it should, that trucks carrying replacement soil up to the site would not go back down empty but would take contaminated soil for offsite disposal, the total number of truck round-trips would be reduced from the 69,268, as above, to 45,790¹⁰⁹, and the time required reduced to 5.7 years:

$$\left(\frac{45,790 \text{ trucks} \div 32 \text{ trucks/day}}{250 \text{ days/year}}\right) = \left(\frac{1,431 \text{ days}}{250 \text{ days/year}}\right) = 5.72 \text{ years}$$

iv. Correcting for Actual Soil Volume Requiring Excavation

If the new Extended Remediation Areas (XRAs)—for which there is not a single measurement showing contamination—were removed from the volume excavation estimates, the amount of excavated soil would be decreased from 870,000 to 617,689 yd³.¹¹⁰ This would reduce the total number of truck shipments to 32,510 $[(617,689 \div 870,000) \times 45,790 = 32,510]$ and the time to four years. If all the prior corrected assumptions were taken into account: the equation would look like this:

¹⁰⁹ In the DSEIS, NASA claims it will require 65,414 truck loads to haul excavated soil offsite and 33,684 truck loads to bring new backfill onsite. NASA DSEIS, p. 2-12. If NASA were to instead have the 33,684 truckloads that deliver soil take soil away as well, it could reduce the number of necessary trucks by 33,684. Accounting for this factor, and further correcting for the “fluff factor”, NASA would need 45,790 $[(13.3 \div 19) \times 69,368]$ trucks.

¹¹⁰ The volume estimates for the XRA and ERA are found in DSEIS Reference NASA 2018c.

$$\left(\frac{32,510 \text{ trucks} \div 32 \text{ trucks/day}}{250 \text{ days/year}}\right) = \left(\frac{1,015 \text{ days}}{250 \text{ days/year}}\right) = 4.06 \text{ years}$$

In its DSEIS, NASA also inflated soil volumes by assuming for the Estimated Remediation Areas (ERAs) that all soil contamination went down to bedrock or up to 20 feet, even when measurements showed contamination only at the surface or there were no measurements below the surface. This unsupported assumption appears to have been largely responsible for increasing the estimate for these areas from the 500,000 yd³ in the FEIS to 617,689 yd³ used in the DSEIS.¹¹¹ Using the more reasonable estimate from the FEIS reduces total truck trips to 26,316 [(500,000÷617,689) x 32,510 = 26,316] and time to approximately three years.

$$\left(\frac{26,316 \text{ trucks} \div 32 \text{ trucks/day}}{250 \text{ days/year}}\right) = \left(\frac{822 \text{ days}}{250 \text{ days/year}}\right) = 3.23 \text{ years}$$

Finally, in its DSEIS, with no new information relied upon to base its changed position, NASA now asserts no onsite treatment of contamination can be used, whereas in its FEIS it had identified numerous such treatment techniques and presumed they could reduce offsite shipments of soil for disposal by more than a third, to 320,000 yd³. Assuming the same use of such treatment approaches—which should be embraced to the maximum extent possible, as they reduce and mitigate offsite and onsite impacts—that NASA assumed in its FEIS, total truck shipments would be reduced to 16,836 [(320,000÷500,000) x 26,316 = 16,842] and cleanup time to approximately two years. This is the same timeframe as NASA itself estimated in its FEIS, but here assuming a daily truck limit that didn't exist when the FEIS was issued.

$$\left(\frac{16,842 \text{ trucks} \div 32 \text{ trucks/day}}{250 \text{ days/year}}\right) = \left(\frac{526 \text{ days}}{250 \text{ days/year}}\right) = 2.11 \text{ years}$$

After correcting for the many erroneous claims NASA makes in the SEIS, it is clear that the cleanup could, in fact, take roughly 23 months, as the original FEIS predicted. The claim that the cleanup will take 25+ years is based on misrepresentations and should be dismissed. Again, we note the incongruity of the environmental advocates suggesting that cleanup can be dramatically shortened as compared to the federal agency responsible for the contamination. But we stress for the record of this proceeding, the thorough cleanup necessary for this site was set out in the 2010 AOC and this DSEIS is simply a transparently misguided attempt to break out of the agreement.

¹¹¹ *Ibid.*

d. Sensible Transportation Alternatives That Would Reduce Truck Impacts Are Ignored.

NASA estimated in its FEIS and in the DSEIS that cleanup to the AOC requirements would entail about two or three trucks per hour.¹¹² That is likely less than the truck traffic in and out of SSFL during the decades of its operation.

Nonetheless, there are ways to reduce truck impacts, but NASA has consistently refused to consider them. One is an enclosed conveyor system that would take the soil down to a rail spur north of SSFL for loading on trains, without passing a single house. The DSEIS eliminated this from consideration, despite its own conclusion that it was “technically feasible.”¹¹³

The main argument given against a conveyor system is that it would take time to put in place, similar to the argument made in NASA’s 2013 DEIS, which stated, “The time required to complete the prerequisite surveys, studies, and engineering/designs to support applications for required permits is a potentially significant constraint in terms of meeting the cleanup requirement date for SSFL.”¹¹⁴ There is no small irony in this claim, since the 2017 deadline has come and gone, without soil cleanup even beginning. Had the process begun then to put the conveyor in place, it could be operational now and the cleanup close to done. NASA in the DEIS estimated trucking the soil would take 23 months. Now it claims more than 25 years. Constructing a conveyor system could get the cleanup done in a fraction of that time, avoiding the trucking issues.

A second option is to use Edison Road, which comes out of the western part of SSFL, taking the shipments either to State Route 118, or to a railroad spur and loading intermodal canisters onto trains, in either case passing near only a few homes. NASA also failed to consider this alternative.

A third alternative it refused to consider is to disperse the trucks over several routes, reducing impacts to any individual area. These alternatives are discussed in more detail in the SSFL Transportation Options Taskforce report, attached.¹¹⁵

¹¹² NASA FEIS p. 2-21; NASA DSEIS p. 3-114; assumes 13 hours allowed for trucks each day, per NASA, Boeing, and DOE, “*Transportation and Road Agreement*,” 2015, p. 2.

¹¹³ DSEIS pp. 2-24 - 2-25. See FEIS Figure 2.4-1 (showing possible conveyor routes NASA identified).

¹¹⁴ NASA, “*Draft Environmental Impact Statement for Proposed Demolition and Environmental Cleanup Activities at Santa Susana Field Laboratory*,” July 2013, p. 2-41.

¹¹⁵ SSFL Transportation Options Taskforce, *Preliminary Overview of Alternative Transportation Options for Santa Susana Field Laboratory Cleanup*, August 7, 2014, Exhibit 18.

V. NASA Falsely Claims Suitable Replacement Soil for the Cleanup is Not Available

NASA gives as one of its primary reasons for preparing a Supplemental EIS that since the preparation of the FEIS in 2014, there has been “an identified lack of suitable replacement soil.”¹¹⁶ This simply isn’t true: the two investigations performed for NASA by its contractor CH2M HILL since the 2014 FEIS both identified multiple sources of suitable replacement soil.

The first study, *Field Laboratory Borrow Pit Sampling for Santa Susana Field Laboratory* (“2015 CH2M HILL Report”), CH2M HILL issued in August 2015. As discussed earlier, NASA referred to this investigation in its DSEIS,¹¹⁷ but failed to correctly cite it or to release it. However, the second CH2M HILL report, *Comparison of Native Soil and Imported Backfill Material Conditions for Future Restoration Activities, Santa Susana Field Laboratory, Ventura County, California* (“2017 CH2M HILL Report”), summarizes the purpose and conclusions of the 2015 CH2M HILL Report’s examination of five potential sources of backfill materials:

The overall goal of the investigation was to identify potential backfill source areas capable of supplying large quantities, up to 600,000 cubic yards (yd³), of suitable backfill materials for the implementation of soil remedial actions at the Santa Susana Field Laboratory (SSFL) in Ventura County, California. Clean backfill material delivered to SSFL will be required under the Administrative Order on Consent (AOC) to meet the 2013 California Department of Toxic Substances Control (DTSC) chemical Look-Up Table (LUT) values (DTSC, 2013). *Based on the results of soil samples collected at each site during the June 2014 investigation, two source areas (Grimes Rock and Vulcan Materials) were considered as possible sources of backfill materials suitable for use at SSFL, because samples collected from both of these locations did not exceed AOC LUT values of chemical constituents and would be able to supply the large quantity of material* (CH2M HILL, 2015).¹¹⁸

Based on these findings, the 2017 CH2M HILL Report examined the characteristics of the soil and vegetation at various locations at SSFL that have been identified by NASA as needing remediation and compared those characteristics to those of replacement soils from Grimes and Vulcan. Like the 2015 CH2M HILL Report, the 2017 Report again deemed soils from those sources suitable replacement soils: “*In most instances, the backfill material has properties similar to the native, undisturbed soil and can be used for re-vegetation purposes without*

¹¹⁶ DSEIS p. ES-1.

¹¹⁷ DSEIS p. 2-2.

¹¹⁸ CH2M HILL, *Comparison of Native Soil and Imported Backfill Material Conditions for Future Restoration Activities, Santa Susana Field Laboratory, Ventura County, California*, prepared for NASA, November 2017, p. 1 (emphasis added) (citing the 2015 report for NASA, *Field Laboratory Borrow Pit Sampling for Santa Susana Field Laboratory*) (hereinafter “2017 CH2M HILL”).

augmentation.”¹¹⁹ The Report noted that the Vulcan soil was lower in calcium and thus slightly preferable to the Grimes soil, but “both [the Vulcan and Grimes] backfill materials are acceptable for use in re-vegetation on the NASA-administered properties at SSFL.”¹²⁰

The 2017 CH2M HILL Report examined the soil types and nutrient concentrations at SSFL and found:

*the undisturbed soil is low in many nutrients, which is common with native sandy soil. Sand-dominated soil does not have sufficient silt or clay particles to retain nutrients, so the nutrients tend to leach to levels below the root zone with precipitation infiltration. Vegetation native to this type of soil has adapted to the nutrient-poor environment. Low nutrient levels increase the importance of soil organic matter, which is a nutrient source that becomes available to plants through decomposition. In the low-plant-density chaparral and Venturan coastal sage scrub vegetation types sampled in this study, organic matter input is low, as shown in the organic matter content (0.93 to 1.93 percent) in the samples.*¹²¹

The study also found that:

The texture of the Vulcan Materials backfill material most closely matches the texture of the undisturbed soil. Organic matter is lower than in the undisturbed soil. The backfill materials are generally slightly higher in nutrient content than the averages in native soil but not high enough to raise concerns.¹²²

And concluded:

The nutrient concentrations of either acceptable backfill material will support the target native vegetation types. With the exception of organic matter, nutrient amendments are not recommended because they would encourage the growth of undesirable invasive vegetation. A high-fiber, low-nutrient organic source such as composted leaves would provide a good source of organic compounds without supplying readily available additional nutrients. This type of organic matter will improve soil tilth, provide exchange sites to retain nutrients in the soil rooting zone, and hold water for longer periods of time. Many municipalities have sole-

¹¹⁹ 2017 CH2M HILL, p. 6.

¹²⁰ 2017 CH2M HILL, pp. 6-7 (emphasis added). The report recommended that if Grimes backfill were used, it would be important to blend it from different locations in the stockpile, because the calcium content was higher and lower in different samples.

¹²¹ 2017 CH2M HILL, p. 6 (emphasis added).

¹²² *Ibid.*

source leaf collection and mulching programs that could provide a source for this type of material.

The 2017 CH2M HILL Report found both Grimes and Vulcan replacement soil to be physically similar to the onsite native soil. Although the replacement soil is low in natural nutrients, the native soil is as well, and thus the low nutrient levels were actually helpful in providing the appropriate environment for the native vegetation and preventing growth of unwanted non-native species.¹²³ As to nutrient content, the replacement soil was somewhat higher in nutrients than the native soil, but not enough to be a concern.¹²⁴

In short, the two CH2M HILL Reports found that both Grimes and Vulcan could provide the replacement soil needed, in quantities larger than even the inflated amounts now proposed in the DSEIS, meeting the LUT levels.¹²⁵ The “significant new information” since the FEIS is that there *is* suitable replacement soil. The soil was comparable in composition to that of the native soil at SSFL, met the LUT values, and could support the native vegetation.

The CH2M HILL studies, performed for NASA, actually found. Virtually every assertion NASA has made on the matter is wholly inaccurate and/or misleading. Here is the NASA section describing what it claims is the significant new information requiring a Supplemental EIS and breach of its AOC obligations,¹²⁶ and our responses:

- NASA: “Availability of Suitable Replacement Soil: NASA will require approximately 448,000 yd³ of backfill and topsoil to meet the 2010 AOC LUT values and support native revegetation and habitat restoration. This volume equates to excavating approximately 10 feet deep across 21 football fields. NASA tested soil from multiple potential offsite backfill locations.”¹²⁷

RESPONSE: False. NASA estimated in its FEIS that 106,667 y³ of replacement soil would be needed if it employed on-site treatment techniques for some of the cleanup and 167,000 y³ would be needed even if no treatment were used.¹²⁸ As discussed previously, NASA has inflated the replacement soil estimate by inflating the excavation volumes and by changing the fraction of soil beneath two

¹²³ 2017 CH2M HILL, p. 6.

¹²⁴ *Ibid.*

¹²⁵ *Ibid.*, p. 1

¹²⁶ DSEIS p. 2-7.

¹²⁷ DSEIS p. 2-7.

¹²⁸ FEIS pp. 2-20 - 2-21.

feet needing fill replacement from 1/3 to 100%, without indicating it had done so or providing any basis for doing so.

- NASA: “However, the only backfill materials that complied with the AOC contained predominately sand and gravel mixtures, which lack the soil structure or nutrients needed to revegetate the excavated areas.”¹²⁹

RESPONSE: False. There is not a word in the 2017 CH2M HILL Report that indicated replacement soil was a gravel mixture or lacked the soil structure or nutrients necessary to revegetate the SSFL remediation areas. To the contrary. CH2M HILL analyzed the SSFL main soil types and found “Based on the sampling results, the undisturbed soil has a sandy loam texture and neutral pH,” and the replacement soil was similar.¹³⁰ It wasn’t, as NASA claims, that the only soils that met the AOC were soils that were a poor match for SSFL; just the opposite: “the backfill material has properties similar to the native, undisturbed soil and can be used for re-vegetation purposes without augmentation.”¹³¹ The two soil types that were a good match for SSFL met the AOC LUT values. As to nutrients, 2017 CH2M HILL Report states, “The nutrient concentrations of either acceptable backfill material will support the target native vegetation types.”¹³²

- NASA: “California State University studies have shown that amending backfill materials to produce soil that is capable of supporting the SSFL ecosystem would result in soil with chemical nutrient levels that exceed the AOC LUT values.”¹³³

RESPONSE: False. The report from researchers at Cal State San Diego did not examine whether the composition of potential soil amendments would exceed AOC LUT values.¹³⁴

- NASA: “DOE observed that even store-purchased topsoil fails to meet the AOC LUT values (DOE, 2018).”¹³⁵

¹²⁹ DSEIS p. 2-7.

¹³⁰ 2017 CH2M HILL, pp. 5-6.

¹³¹ 2017 CH2M HILL, p. 6.

¹³² 2017 CH2M HILL, p. 7.

¹³³ DSEIS p. 2-7.

¹³⁴ Richard Hillary et al., *NASA Santa Susanna [sic] Field Laboratory Replacement Soil Testing*, November 2017

¹³⁵ DSEIS p. 2-7.

RESPONSE: Misleading at best. The cited DOE source does not indicate that what was tested was “store-purchased topsoil.” Instead it states that what was tested were “commercially available soil *amendments* commonly used by residential gardeners,” because revegetation of SSFL might “require soil amendments to facilitate revegetation.”¹³⁶ No indication is given what those amendments were, for example, high concentration artificial chemical fertilizers. In any case, the actual measurements reported were almost exclusively values below the Method Reporting Limit used for the analyte, where the MRL exceeded the LUT value, and where the laboratory indicated that there was no confidence in the concentration reported.¹³⁷ Furthermore, the issue is not the level in the concentrated amendment material, but the concentration that would result when diluted in the replacement soil, and the DOE report does not indicate that the replacement soil with such amendments would exceed LUT values. Even if there were such an exceedance, the AOC allows it; DTSC has the authority to approve its use.¹³⁸ Lastly, NASA’s own study, performed by CH2M HILL, recommends not adding nutrients to the replacement soil, as the existing SSFL soil is low in such nutrients and “vegetation native to this type of soil has adapted to the nutrient-poor environment,” and “the backfill materials are generally slightly higher in nutrient content than the averages in native soil but not high enough to raise concerns.”¹³⁹ Further, “higher nutrient levels tend to encourage the growth of undesirable vegetation, such as weeds. The backfill materials do not have sufficient nutrients to favor weed growth over native vegetation.”¹⁴⁰ Thus, CH2M Hill recommends merely adding some readily available leaf mulch to increase the organic content of the soil. NASA provides no evidence whatsoever that replacement soil with some leaf mulch would exceed LUT values.

- NASA: “The implications of being unable to obtain suitable backfill materials in the necessary volumes are significant. Native plant establishment would be greatly hindered, resulting in potentially devastating effects to the natural environment at SSFL, as the site would remain barren in areas where gravel was used, and non-native plants could become established where native species are currently dominant.”¹⁴¹

¹³⁶ DOE FEIS, Appendix D, p. D-60

¹³⁷ DOE FEIS Appendix D, Table D-13; most highlighted values are coded “J,” indicating they are below the MRL and are estimates; the only exceptions for Product 1, for example, were three Extractable Fuel Hydrocarbons, In the same FEIS, DOE asserted that there are measurement difficulties for such TPHs and that the measurements may be picking up organic molecules and not TPHs. DOE FEIS p. S-29 - S-30

¹³⁸ NASA AOC, §2.1.1, referencing DOE AOC Attachment C, p. 4

¹³⁹ 2017 CH2M HILL p. 6

¹⁴⁰ *ibid.*

¹⁴¹ DSEIS p. 2-7.

RESPONSE: NASA’s own studies by CH2M HILL, both in 2015 and 2017, have determined that suitable backfill materials are available in volumes greater than even the inflated estimate NASA now has put forward. The CH2M HILL work does not conclude establishment of native plants would be hindered, that there would be devastating effects, or the site would remain barren in areas where gravel was used—CH2M HILL concludes just the opposite, that there is available replacement soil, similar to that of SSFL, meeting LUT values, in the quantities needed, that can result in revegetation of the native species. No use of gravel is ever suggested in its report, but rather use of replacement soil that has the same sandy loam consistency as the native soil being replaced.

Elsewhere in the DSEIS, NASA tries to discount the findings of its own studies. However, NASA then argues that for Vulcan “it is uncertain whether the chemical characteristics of the fill material would be consistent with the 2014 sampling results.”¹⁴² NASA has no information showing Vulcan replacement soil would exceed LUT values; its only data show the opposite. The “significant new information” since the FEIS is that there *is* suitable replacement soil. NASA’s only data were positive.

NASA argues against its own findings on Grimes soil as well. It admits, “The alternative preferred source is Grimes Rock, Inc. in Fillmore, California. The Grimes Rock pit has *adequate supply and met the chemical requirements for general backfill at SSFL.*”¹⁴³ NASA then goes on to argue, “However, Grimes Rock material differs from the onsite native soil physically, and it is unknown whether the fill material is adequate to support vegetative restoration. Initial analyses indicated relatively low levels of natural nutrients.”¹⁴⁴ However, the CH2M HILL study had found both Grimes and Vulcan replacement soil to be similar to the onsite native soil physically, and although low in natural nutrients, so was the native soil, and thus the low nutrient levels were actually helpful in providing the appropriate environment for the native vegetation and preventing growth of unwanted non-native species.¹⁴⁵ (As to nutrient content, the replacement soil was actually somewhat higher in nutrients than the native soil, but not enough to be a concern.¹⁴⁶)

¹⁴² DSEIS p. 2-2

¹⁴³ *ibid.*

¹⁴⁴ *ibid.*

¹⁴⁵ 2017 CH2M HILL, p. 6

¹⁴⁶ *ibid.*

Finally, NASA also briefly discusses—and misrepresents—a report by a team from San Diego State University (“SDSU”).¹⁴⁷ The SDSU study first examined the microbial community in a sample provided to it by NASA of replacement fill and of SSFL soil. The DSEIS asserts that the best replacement soil was from Grimes and that it was Grimes fill that NASA provided to SDSU.¹⁴⁸ However, elsewhere in the DSEIS NASA states that Vulcan is the preferred replacement soil.¹⁴⁹ It is thus unclear why NASA would provide SDSU with the less preferred soil type, nor how old (and dried out) the sample may have been; if it were a sample from the 2014 sampling event, comparing it to soil newly taken from an SSFL vegetated site would not be a proper comparison. In any event, SDSU found, not unexpectedly, a different microbial environment in the two samples sets.

SDSU also compared the germination results from replacement soil with that of potting soil in a greenhouse. For reasons not explained, SDSU did not use seeds from plants from Santa Susana but rather plants from the San Diego area. For the six species tested, two species planted in replacement soil had *higher* germination rates at the end of the test than those in potting soil; two had identical rates; and three had lower rates.¹⁵⁰ The study found, “*In general, the greenhouse trials showed that native seeds could germinate in the replacement soil as well as, or in some cases, better than in the standard greenhouse potting mix.*”¹⁵¹ Number of leaves and height were generally somewhat greater in the potting soil. This is unsurprising—that is why people grow seedlings in potting soil in greenhouses. Remarkably, SDSU did not conduct the most vital comparison—that of germination and growth rates for seeds in replacement soil vs. SSFL soil.

The conclusion of the SDSU report is: “if intact areas of native soil could remain on the site to serve as a source of inoculum, and if suitable organic matter were added so that native plants and microbes could develop, then the backfill material might eventually attain a community more typical of native soils, and would lose its urban/anthropogenic characteristics.”¹⁵² That is, of course, precisely what is to happen if NASA were to comply with the AOC. The remediation would only affect part of the site; undisturbed soil and vegetation communities would remain near the remediated parts, with their seeds and microbial communities propagating into the remediated areas, with the replacement soil potentially amended with some organic matter (readily available leaf litter mulch) as CH2M HILL recommends, and the damage done to the natural environment by decades of NASA polluting it would be reversed. Revegetation efforts,

¹⁴⁷ Richard Hillary et al., *NASA Santa Susanna [sic] Field Laboratory Replacement Soil Testing*, November 2017.

¹⁴⁸ DSEIS p. 3-36.

¹⁴⁹ DSEIS p. 2-2, 2017. See also 2017 CH2M HILL pp. 6-7 (the 2017 CH2M HILL also found Vulcan is preferred because of somewhat higher calcium levels in the Grimes soil).

¹⁵⁰ Hillary, Table 3.

¹⁵¹ Hillary, p. 21, emphasis added.

¹⁵² Hillary, p. 23.

perhaps also with seedlings grown in potting soil as in the SDSU examples, would enhance that restoration.

VI. NASA Erroneously Claims Boeing's Parts of SSFL Will Be Cleaned up to Recreational Standards and That Would Justify NASA Breaking its Own Cleanup Agreement

NASA says that “Boeing has announced that it will clean up soil to a recreational risk-based standard,”¹⁵³ and that this poses problems were NASA to live up to its AOC commitments. However, just as NASA as the polluter cannot choose how much of its pollution it will clean up, neither can Boeing. The regulator, DTSC, has that authority, not the Responsible Party.

DTSC has made clear that cleanup of the Boeing-controlled portions of SSFL must comply with the 2007 Consent Order that Boeing signed with DTSC, which requires cleanup plans consistent with the Standardized Risk Assessment Methodology 2 (“SRAM2”)¹⁵⁴, which includes cleanup to standards of suburban residential with garden.¹⁵⁵ SRAM2 suburban residential with garden Risk Based Screening Levels are lower than background for many chemicals.¹⁵⁶ DTSC has also made clear that the Boeing cleanup must take into account all land uses allowed by Ventura County zoning and General Plan designations, which includes agricultural and residential.¹⁵⁷ Ventura County has repeatedly stated that its land use designations allow a wide range of residential and agricultural uses there and that the site should be cleaned up so it safe for any of those uses.¹⁵⁸

Thus, it is false to claim, as NASA does in its DSEIS, that there is significant new information that Boeing's part of the property will be cleaned up to a recreational standard, merely because *Boeing* says that is what it wants to do. Boeing doesn't get to decide, DTSC does. And buried

¹⁵³ DSEIS pp. ES-3, 2-7.

¹⁵⁴ 2007 Consent Order §3.2.1.1.

¹⁵⁵ See, e.g., DTSC draft PEIR pp. 1-13 - 1-14; letter from DTSC's Mark Malinowski to Boeing's Mark Zeller, January 16, 2018, Exhibit 19.

¹⁵⁶ Compare the Risk Based Screening Levels for SRAM-based suburban residential garden in the SRAM2 Update (pdf pp. 1071-3) to the Look-Up Table values, DSEIS Appendix 2A. When a Risk-Based Screening Level is below background, the cleanup level defaults to background.

¹⁵⁷ See DTSC Response to Comments on the Agreement in Principle, Volume 1, October 26, 2010, Exhibit 20, pp. 21, 14-15, saying that even absent the AOCs, or SB990 (a SSFL-specific law subsequently struck down), DTSC would require cleanup to the levels sufficient to protect all the land uses allowed by Ventura County zoning and land use decisions, which allow rural agricultural uses and residential. Note that DTSC states in that document that a risk-based cleanup to standards sufficient to protect for all the land uses allowed by County zoning and General Plan designations would functionally be equivalent to a cleanup to background.

¹⁵⁸ See, e.g., letters from Kim Prillhart, Director, Ventura County Planning Division, to Mark Malinowski, DTSC, July 20, 2015, and December 20, 2017, and the Ventura County Board of Supervisors official December 17, 2019, comment letter on the NASA DSEIS. Exhibits 21a, b, and c respectively.

more than a hundred pages later in the DSEIS, NASA admits “As of April 2019, the DTSC had not accepted Boeing’s proposed recreational cleanup levels.”¹⁵⁹

While NASA further asserts that differing cleanup standards would pose “several seemingly unresolvable issues,”¹⁶⁰ NASA identifies only one such issue, and it is flimsy. NASA claims that if it were to clean up its property as required by the AOC and Boeing cleaned up its nearby property to a recreational standard, contamination could subsequently migrate onto the NASA property, requiring NASA to do further cleanup. However, that is not how the AOC works. Under the AOC, NASA is to clean up its contamination to AOC levels, at which point DTSC certifies the cleanup complete and prepares for NASA an Acknowledgment of Satisfaction. NASA’s obligations under the AOC are then over and NASA would not be responsible for any contamination that migrates onto the NASA property.¹⁶¹

There thus is no significant new information about differing cleanup standards that could justify a Supplemental EIS or trying to breach the legally binding AOC. When NASA executed the AOC in 2010, it knew Boeing was not signing a similar AOC and the cleanup standard for its property would be different. Nothing has changed. This is simply one more claim of supposedly changed circumstances that melts away when scrutiny is applied.

VII. NASA Falsely Claims that the LUT Values Are Too Protective For Human Health

NASA made a promise and signed a legally binding agreement to clean the site up to background, the concentration of chemicals that would exist had NASA never contaminated the site. First, it does not matter if the AOC values were more protective than certain risk-based concentrations. NASA made a promise, it signed an agreement, and it needs to be held accountable. Furthermore, some LUT values are actually less stringent than the DTSC suburban residential garden risk based screening levels (RBSLs).¹⁶²

VIII. NASA Misrepresents the Alternative Standards it Proposes to Use in Breach of its AOC

NASA’s final claim of “significant new information” requiring a Supplemental EIS and arguing for breaching the AOC is its assertion that the AOC requirements exceed what would be done under a supposed risk-based cleanup. First, NASA provides nothing new in making this claim;

¹⁵⁹ DSEIS p. 3-136.

¹⁶⁰ DSEIS p. 2-8.

¹⁶¹ AOC §7.0. NASA’s only ongoing obligation is record-retention.

¹⁶² See Table 1 below, which shows AOC Look-Up Table Values, and Table 2, which shows DTSC suburban residential garden risk based screening levels. The tables show that in some instances, the AOC LUT values are weaker standards than the SRAM screening levels. For example, the LUT value for Antimony is 0.86 mg/kg, whereas the SRAM-based Suburban Residential with Garden RBSL is 0.138 mg/kg. Similarly, the values for Cadmium, Dioxins/Furans, and PAHs are less stringent in the LUT than in the SRAM suburban residential garden.

everything NASA points to it knew when it signed the AOC. And second, its claims about the cleanup levels that would be required under a risk-based cleanup are inaccurate, as shown below.

a. Alternative B

NASA calls its Alternative B “Revised Lookup Table Values.” Lookup Tables are tables setting forth cleanup standards as required in the AOC, based on background values and detection limits. NASA has no authority to revise these values because under the AOC, DTSC—not NASA—sets the “Lookup Tables.” Yet in this alternative, NASA proposes ignoring those legally required cleanup levels and substituting its own, far laxer levels, for seven key contaminants. The differences are large; if NASA were to skirt its AOC obligations with this proposal, it would abandon contaminants in Southern California at levels as much as three million times higher than required by the agreement it signed and to which it is bound.

Table 1
Comparison of NASA’s Alternative B Cleanup Levels [“Proposed Revised Lookup Table (LUT) Values”] to the Levels NASA Promised to and is Required to Meet Under the AOC¹⁶³

Contaminant	NASA's Proposed Revised LUT Values (mg/kg)	AOC LUT Values (mg/kg)	How many times higher are NASA's Proposed Revised LUT Values compared to what the AOC requires
Acetone	61,000	0.02	3,050,000
Antimony	30	0.86	35
Cadmium	1.7	0.7	2
Dioxin/Furans	0.0000046	0.000000912	5
PAHs	0.11	0.00447	25
Silver	380	0.2	1900
TPH	1000	5	200

¹⁶³ In this and all subsequent tables, the value for Dioxin/Furans is based on the 2,3,7,8-TCDD toxicity equivalent (DIOXTEQ). NASA uses the terms DIOXTEQ, DIOXTEQM, and DIOXINTEQM interchangeably in its DSEIS and accompanying tables; all instances refer back to the 2,3,7,8-TCDD TEQ used in the AOC LUT (see DSEIS p. 2-9, DSEIS Appendix 2B p. 1, DSEIS Appendix 2C p. 1, and DSEIS Appendix 2D p. 1). In this table, the value for PAHs is based on the benzo(a)pyrene toxicity equivalent (PAHTEQ). NASA uses the terms PAHTEQ and PAHTEQM interchangeably in its DSEIS and accompanying tables; all instances refer to the benzo(a)pyrene TEQ used in the AOC LUT (see DSEIS p. 2-9, DSEIS Appendix 2B p. 3, DSEIS Appendix 2C p. 2, and DSEIS Appendix 2D p. 2). NASA does not specify which TPH this value refers to. The AOC LUT only reports a value for TPH EFH (C15-C20), and the limit reported in the DSEIS for the AOC LUT value is indeed the value for TPH EFH (C15-20), so this is the TPH we have assumed NASA is using in its proposed revised LUT.

NASA misleadingly asserts that its proposed revised Lookup Table values are based on EPA Regional Screening Levels (RSLs) and other sources it has cherry-picked, which it claims are designed to protect for unrestricted release.¹⁶⁴ But those don't include the garden pathway, which is supposed to be added in separately for the particular chemicals of concern at a specific site, and which produces markedly lower limits.¹⁶⁵ Below in Table 2 we compare NASA's proposed revised Lookup Table values with the DTSC Suburban Residential Risk-Based Screening Level with SRAM-Based Garden. As one sees, the SRAM Suburban Residential levels are hundreds and thousands of times more protective than NASA's proposed revised LUT values.¹⁶⁶ NASA's Alternative B, thus, not only is vastly weaker than the cleanup it is legally bound to by the AOC, but even if the AOC didn't exist, the standards NASA proposes in this alternative are orders of magnitude less protective than that required by its regulator DTSC to protect residents.¹⁶⁷

¹⁶⁴ DSEIS p. 2-9.

¹⁶⁵ EPA RSLs do not at present include the garden pathway for residential exposure (See "Regional Screening Levels – User's Guide", U.S. EPA, November 2019, <https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide>, although it is included in EPA's radionuclide Preliminary Remediation Goal calculator (<https://epa-prgs.ornl.gov/radionuclides/>). EPA officials have said that because there are so many chemicals, it has been a more complicated matter for them to come up with defaults for chemicals for the garden pathway, but EPA is considering doing so. See *Inside EPA*, "Advocates Question Whether EPA Cleanups Are Protective for Gardening," May 9, 2016. In the meantime, the garden pathway is to be added in based on site specific inputs, when a garden is possible. *Ibid*. Similarly, the CHHSL's don't include the garden pathway; see Human-Exposure-Based Screening Numbers to Aid Estimation of Cleanup Costs for Contaminated Soil. January 2005 revision. Office of Environmental Health Hazard Assessment, California Environmental Protection Agency, p. 7 (PDF p. 11), <https://oehha.ca.gov/media/downloads/cmr/screenreport010405.pdf>. DTSC's SRAM2 Update does contain Risk Based Screening Levels for suburban residential garden pathway. SRAM2 Update pdf pp. 1071-3. The column one is to use is the SRAM-Based Suburban Residential Garden. Boeing asked to include "for comparison purposes" what it falsely claimed were EPA Default RBSLs; DTSC said they could be included for informational purposes but the SRAM-based values were the ones required to be used. See SRAM2 Update pdf p. 1107 and December 7, 2017 comments of the Southern California Federation of Scientists on DTSC's draft PEIR. Exhibit 22.

¹⁶⁶ In the SRAM, one is to combine the "suburban residential soil" RBSL with the "SRAM-based suburban residential garden" RBSL; see letters by DTSC to Boeing dated August 23 and September 12, 2016, regarding RFI reports; the SRAM identifies the formulas to use to derive the combined RBSLs on pdf pp. 1104-5.

¹⁶⁷ In this and the tables that follow, we present comparisons for a few select chemicals by way of example.

Table 2
Comparison of NASA’s Alternative B Cleanup Levels [“Proposed Revised Lookup Table (LUT) Values”] to the Suburban Residential Levels in DTSC’s Standardized Risk Assessment Methodology (“SRAM2 Update”)¹⁶⁸

Contaminant	NASA's Proposed Revised LUT Values (mg/kg)	DTSC SRAM2 Suburban Residential RBSL w/ Garden (mg/kg)	How many times higher are NASA's Proposed Revised LUT values compared to DTSC's official Suburban Residential levels
Acetone	61,000	7.79	7831
Antimony	30	0.138	217
Cadmium	1.7	0.00165	1030
Dioxin/Furans	0.0000046	0.0000000075	613
PAHs	0.11	0.0000807	1363
Silver	380	1.80	211

b. Alternative C

NASA falsely claims its Alternative C is set to Suburban Residential Standards and is based on the DTSC-approved Standardized Risk Assessment Methodology (“SRAM”).¹⁶⁹ In fact, NASA didn’t actually use the DTSC SRAM Suburban values, but employed unspecified equations of its choosing from the SRAM and other sources and its own inputs.¹⁷⁰ The actual derivations of its values are not disclosed. Most importantly, the values it puts forward are often hundreds of times higher (i.e., weaker, less protective) than the SRAM-based suburban residential risk based screening levels. One is required by the SRAM to include in the suburban residential standard the garden exposure pathway, and the SRAM provides screening levels based on the SRAM-based garden pathway. NASA failed to do so, which results in vastly less protective standards than required. Table 3 shows a few examples of the grossly less protective level of contamination NASA proposes to leave behind in its supposed “Suburban Residential” standard compared to the actual suburban residential standard in the DTSC-approved Standardized Risk Assessment Methodology for SSFL.

¹⁶⁸ In this table and the subsequent one, NASA’s value for PAHs is based on the benzo(a)pyrene toxicity equivalent, whereas the DTSC SRAM2 value used in this table is based on the RBSL for benzo(a)pyrene. The SRAM2 does not report a value for benzo(a)pyrene TEQ. Since the benzo(a)pyrene TEQ is supposedly based on the risk for benzo(a)pyrene, the values should be the same.

¹⁶⁹ DSEIS p. 2-10

¹⁷⁰ DSEIS p. 2-10, Appendix 2C

Table 3
Comparison of NASA’s Alternative C Cleanup Levels (“Proposed Suburban Residential Cleanup Levels”) to the Suburban Residential Levels DTSC in the DTSC-Approved Standardized Risk Assessment Methodology (“SRAM2 Update”)

Contaminant	NASA DSEIS Proposed Suburban Residential Cleanup Levels (mg/kg)	DTSC SRAM2 Suburban Residential RBSL w/ Garden (mg/kg)	How many times higher are NASA's Proposed Suburban Residential Cleanup Levels compared to the SRAM2 Suburban Residential levels
Anthracene	16000	100	160
Antimony	26	0.138	188
Aroclor 1016	3.8	0.0138	275
Aroclor 1242	0.22	0.000485	454
Benzene	0.33	0.00349	95
Dioxin/Furans	0.0000047	0.0000000075	627
Mercury	8.8	0.0502	175
Methylene Chloride	11	0.0106	1038
n-Nitrosodimethylamine	58	0.000000949	61,116,965
PAHs	0.11	0.0000807	1363

NASA’s Alternative C also would allow contaminant concentrations vastly higher than permitted under the legally binding cleanup agreement it signed.

c. Alternative D

Alternative D, the supposed “recreational” standard, is the weakest of all. It assumes someone is on the property only a few hours a week, whereas people are living nearby nearly 24 hours a day 7 days a week and would be potentially exposed to migration from SSFL of contamination NASA now wants to not clean up. The cleanup levels proposed by NASA under Alternative D are hundreds and thousands of times higher (less protective) than either the cleanup values NASA is required to meet under the AOC it signed or the DTSC-approved SRAM-based suburban residential levels.

d. NASA’s proposed cleanup standards would harm ecological receptors.

NASA asserts in the DSEIS that its supposed suburban residential cleanup standards (Alternative C) and its recreational cleanup standards (Alternative D) would be fully protective of plants and animals at the site, so-called “ecological receptors,” even though both are far weaker than what is required under the AOC. But NASA’s own tables demonstrate that claim to be false.

In Appendix 2D, for example, NASA presents its proposed recreational cleanup levels and its own asserted screening levels for harm to ecological receptors. Over and over again, the contamination levels NASA proposes to leave in place far exceed the levels NASA itself admits would pose risk to the ecological receptors, by factors of hundreds or thousands. We provide a few examples in Tables 4, 5, 6, and 7 below.

Table 4
Comparison of NASA’s Alternative D Cleanup Levels (“Proposed Recreational Human Cleanup Levels”) to Levels NASA’s Own Alternative D Risk Assessment Admits Would Put Ecological Receptors at Risk¹⁷¹

Contaminant	NASA DSEIS Proposed Recreational Human Cleanup Levels (mg/kg)	NASA DSEIS Proposed Recreational Ecological Risk Levels (mg/kg)	How many times higher are NASA's Proposed Recreational Cleanup Levels than NASA's own risk levels for ecological receptors
4-Methyl-2-pentanone	33,000	45	733
Acenaphthylene	3,300	3.3	1000
Aluminum	75,000	440	170
Anthracene	16,000	25	640
Benzoic acid	240,000	45	5333
Di-n-butyl phthalate	6,100	1.1	5545
Diethyl phthalate	49,000	23	2130
Dimethyl phthalate	49,000	45	1089
Fluorene	2,200	5.4	407
Phenanthrene	16,000	28	571
Zinc	23,000	93	247

¹⁷¹ In NASA’s Ecological Risk Assessments for Alternatives C and D (seen here in Tables 4, 5, and 6), NASA uses different numbers for some of the metals. For example, under the Recreational alternative, lead would apparently put ecological receptors at risk at a level of 36 mg/kg, whereas under the Recreational alternative, lead would not put ecological receptors at risk until it reached a level of 49 mg/kg. This discrepancy is unexplained in the DSEIS: whether humans are recreating or residing at the site should have no bearing on the levels at which metals are considered toxic to birds and gophers.

Table 5
Comparison of NASA’s Alternative C Cleanup Levels (“Proposed Suburban Residential Human Cleanup Levels”) to Levels NASA’s Own Alternative C Risk Assessment Admits Would Put Ecological Receptors at Risk

Contaminant	NASA DSEIS Proposed Suburban Residential Human Cleanup Levels (mg/kg)	NASA DSEIS Proposed Suburban Residential Ecological Risk Levels (mg/kg)	How many times higher are NASA's Proposed Residential Cleanup Levels than NASA's own risk levels for ecological receptors
4-Methyl-2-pentanone	33,000	45	733
Acenaphthylene	3,300	3.3	1000
Acetone	61,000	230	265
Anthracene	16,000	25	640
Benzoic acid	240,000	45	5333
Carbazole	6,100	15	407
Di-n-butyl phthalate	6,100	1.1	5545
Diethyl phthalate	49,000	23	2130
Dimethyl phthalate	49,000	45	1089
Fluorene	2,200	5.4	407
Phenanthrene	16,000	28	571
Phenol	18,000	51	353
Zinc	23,000	215	107

Furthermore, the ecological risk levels NASA puts forward in its Appendices, without any basis provided as to how individual numbers were arrived at, are often considerably higher (less protective) than the Ecological Risk-Based Screening Levels in the DTSC-Approved SRAM2 Update. NASA says it has relied upon SRAM3, but SRAM3 was a proposal by Boeing which DTSC has officially rejected.¹⁷²

¹⁷² The NASA claim of reliance on SRAM3 is at DSEIS p. 2-10, 6-5 ; DTSC’s rejection of Boeing’s proposed SRAM3 was by letter dated January 16, 2018, from DTSC’s Mark Malinowski to Boeing’s Mark Zeller, “Department of Toxic Substances Control’s Comments on the Boeing Company’s Draft Standardized Risk Assessment Methodology Work Plan Revision 3”

Table 6
Comparison of NASA’s Alternative C Ecological Risk Levels (“Proposed Suburban Residential Ecological Risk Levels”) to Ecological Risk-Based Screening Levels in the DTSC-Approved Standardized Risk Assessment Methodology (“SRAM2 Update”)¹⁷³

Contaminant	NASA DSEIS Proposed Suburban Residential Ecological Risk Levels (mg/kg)	DTSC SRAM2 Ecological RBSL Soil Cleanup Levels (mg/kg)	How many times higher are NASA's Proposed Residential Ecological Risk Levels than the SRAM2 Ecological RBSLs
Aluminum	58,600	16	3663
Arsenic	74	2.1	35
Barium	1,410	44	32
Benzene	730	31	24
Chromium	330	1	330
Manganese	10,500	79	133
Methoxychlor / p, p'-Methoxychlor	50	2.5	20

Similarly, as shown in Table 7 below, the levels of contamination NASA proposes to leave in the soil at SSFL under its Alternative B, “proposed revised LUT values,” would for various chemicals be at levels far higher than the DTSC SRAM2 Update EcoRBSLs, i.e., place those ecological receptors at continuing risk.

¹⁷³ The comparisons are for the most protective EcoRBSLs in the DTSC SRAM2 Update.

Table 7
Comparison of NASA’s Alternative B Cleanup Levels (“Proposed Revised LUT Values”) to Ecological Risk Based Screening Levels in the DTSC-Approved Standardized Risk Assessment Methodology (“SRAM2 Update”)

Contaminant	NASA's Proposed Revised LUT Values (mg/kg)	DTSC SRAM2 Ecological RBSL Soil Cleanup Levels (mg/kg)	How many times higher are NASA's Proposed Revised LUT Values than the SRAM2 Ecological RBSLs
Acetone	61,000	46	1,326
Antimony	30	0.042	714
Cadmium	1.7	0.019	89
Dioxin/Furans	0.0000046	0.0000005	9
Silver	380	0.99	384

Conclusion

NASA should withdraw its Draft Supplemental Environmental Impact Statement for the cleanup of the Santa Susana Field Laboratory and fully comply with the Administrative Order on Consent it signed in 2010.