



National Aeronautics and  
Space Administration

**Principal Center for Regulatory Risk Analysis and Communication**

# Regulatory Tracking Summary

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*12 June 2015*

This report summarizes regulatory items reviewed by the NASA RRAC PC and includes items with direct applicability to NASA facilities and operations, as well as items of general interest. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "80 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility.

Members of the NASA stakeholder community who are interested in receiving regulatory updates and alerts by e-mail may self-enroll at <https://lists.nasa.gov/mailman/listinfo/rrac>. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>.

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# Acronyms and Abbreviations

AFRC = Armstrong Flight Research Center	MSGP = Multi-Sector General Permit
AQ = Air Quality	MW = Megawatt(s)
AQIP = Air Quality Investment Program	NAAQS = National Ambient Air Quality Standards
ARB = California Air Resources Board	NASA = National Aeronautics and Space Administration
CAA = Clean Air Act	NCWM = National Conference on Weights and Measures
CCR = <i>California Code of Regulations</i>	NIST = National Institute of Standards and Technology
CEC = California Energy Commission	NMED = New Mexico Environmental Department
CFR = <i>Code of Federal Regulations</i>	NNI = National Nanotechnology Initiative
CIC = Carcinogen Identification Committee	NO <sub>x</sub> = Nitrogen oxides
CO <sub>2</sub> = Carbon dioxide	NSR = New Source Review
CRNR = California Regulatory Notice Register	OAC = Ohio Administrative Code
DACT = 2,3-diamino-6-chloro-s-triazine	OEHA = Office of Environmental Health Hazard Assessment
DAPC = Division of Air Pollution Control	OEPA = Ohio Environmental Protection Agency
DEA = Des-ethyl atrazine	PCB = Polychlorinated biphenyl
DIA = Des-isopropyl atrazine	PM <sub>10</sub> = Particulate matter having an aerodynamic equivalent diameter of 10 microns or less
DNAPL = Dense Non-Aqueous Phase Liquid	PM <sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DO = Dissolved oxygen	PSD = Prevention of Significant Deterioration
DOE = U.S. Department of Energy	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
DOT = Department of Transportation	RIN = Regulatory Identification Number
ECHA = European Chemicals Agency	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EIS = Environmental Impact Statement	SCAQMD = South Coast Air Quality Management District
EJSCREEN = Environmental Justice Screening and Mapping Tool	SERC = Statement of Estimated Regulatory Costs
EKAPCD = Eastern Kern Air Pollution Control District	SIP = State Implementation Plan
EO = Executive Order	SNUR = Significant New Use Rules
EPA = U.S. Environmental Protection Agency	SSC = Stennis Space Center
ERC = Emission Reduction Credit	SSFL = Santa Susana Field Laboratory
EU = European Union	SVHC = Substances of Very High Concern
F.A.C. = Florida Administrative Code	TRI = Toxics Release Inventory
FAR = Florida Administrative Register	U.S. = United States
FEMA = Federal Emergency Management Agency	U.S.C. = United States Code
FEMP = Federal Energy Management Program	UT = Utah
FR = <i>Federal Register</i>	VAC = Virginia Administrative Code
GHG = Greenhouse gas	VA.R = <i>Virginia Register</i>
HAP = Hazardous air pollutant	VCAPCD = Ventura County Air Pollution Control District
ICAO = International Civil Aviation Organization	VDEQ = Virginia Department of Environmental Quality
IECC = International Energy Conservation Code	VOC = Volatile organic compound
ITRC = Interstate Technology Regulatory Council	WLA = Waste load allocation
LAC = Louisiana Administrative Code	WQ = Water Quality
LDEQ = Louisiana Department of Environmental Quality	WQMP = Water Quality Management Plan
LEEP = Lighting Energy Efficiency in Parking	
LMRAP = Lower Mississippi River Alluvial Plains	
MADL = Maximum Allowable Dose Level	
MDAQMD = Mojave Desert Air Quality Management District	
mg/L = Milligram(s) per liter	

# 1.0 U.S. Federal Regulatory Review

## 1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED061215-1	Air CO <sub>2</sub> Emissions	06/05/2015	<a href="#">80 FR 32113 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency Notification of Three Teleconferences of the Science Advisory Board Biogenic Carbon Emissions Panel Announces a series of teleconferences to discuss EPA's <a href="#">Framework for Assessing Biogenic CO<sub>2</sub> Emissions from Stationary Sources</a> . Teleconferences are scheduled for the following dates: <ul style="list-style-type: none"> <li>▪ 07/06/2015</li> <li>▪ 08/06/2015</li> <li>▪ 09/09/2015</li> </ul> <a href="#">Additional information is available on EPA's website.</a>
FED061215-2	Air HAPs	06/03/2015	<a href="#">80 FR 31470 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Completion of Requirement To Promulgate Emissions Standards [40 CFR Part 63] Finalizes the determination that EPA has met its obligations under the CAA to promulgate emission standards for source categories, accounting for no less than 90 percent of the combined emissions, for each of the following regulated HAPs identified in <a href="#">42 U.S.C. § 7412(c)(6)</a> : <ul style="list-style-type: none"> <li>▪ Alkylated lead compounds</li> <li>▪ Polycyclic organic matter</li> <li>▪ Mercury</li> <li>▪ Hexachlorobenzene</li> <li>▪ PCBs</li> <li>▪ 2,3,7,8-tetrachlorodibenzofurans</li> <li>▪ 2,3,7,8-tetrachlorodibenzo-p-dioxin</li> </ul> Effective 06/03/2015. [RIN 2060-AS42]
FED061215-3	Air NAAQS	06/05/2015	<a href="#">80 FR 32114 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Office of Research and Development; Ambient Air Monitoring Reference and Equivalent Methods: Designation of One New Reference Method and Four New Equivalent Methods Announces addition of reference and equivalent methods for measuring concentrations of PM <sub>2.5</sub> , PM <sub>10</sub> , and ozone in ambient air.
FED061215-4	Air NO <sub>x</sub>	06/12/2015	<a href="#">80 FR 33515 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Notice of Availability of the Environmental Protection Agency's Update of Two Chapters in the EPA Air Pollution Control Cost Manual Solicits comments on revisions to NO <sub>x</sub> emission control measures found in EPA's <a href="#">Control Cost Manual</a> . Comments due 08/11/2015.
FED061215-5	Air PSD	06/12/2015	<a href="#">80 FR 33413 HTML</a>   <a href="#">PDF</a>	Final Rule Correction	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans [40 CFR Part 52] Finalizes correction to PSD regulations found in <a href="#">40 CFR Part 52.21</a> .
FED061215-6	Commercial Space Transportation	06/04/2015	<a href="#">80 FR 31831 HTML</a>   <a href="#">PDF</a>	Final Rule	Federal Aviation Administration Exclusion of Tethered Launches From Licensing Requirements [14 CFR Parts 400 and 401] Finalizes exclusion criteria for licensing and permitting requirements for certain tethered commercial space launches, including: <ul style="list-style-type: none"> <li>▪ Tether systems and tether system points of attachment criteria</li> <li>▪ Separation distances based on propellant quantities</li> <li>▪ Unmanned launch vehicle requirements</li> <li>▪ Propellant requirements</li> </ul> Effective 08/03/2015. [RIN 2120-AJ90]

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED061215-7	Energy	06/11/2015	<a href="#">80 FR 33250 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Department of Energy Determination Regarding Energy Efficiency Improvements in the 2015 International Energy Conservation Code (IECC) Announces DOE's determination that the 2015 edition of the IECC would improve energy efficiency of buildings subject to the code compared to the 2012 edition. Also provides guidance to states on the certification process. [RIN 1904-AD33]
FED061215-8	Radiation Protection	06/12/2015	<a href="#">80 FR 33450 HTML</a>   <a href="#">PDF</a>	Notice	Nuclear Regulatory Commission Physical Protection of Category 1 and Category 2 Quantities of Radioactive Materials [10 CFR Part 37] Announces consideration of revisions to regulations to clarify when physical protection measures for Category 1 and Category 2 quantities of radioactive material do not apply to a licensee.
FED061215-9	Radiation Transportation	06/12/2015	<a href="#">80 FR 33987 HTML</a>   <a href="#">PDF</a>	Final Rule	Nuclear Regulatory Commission Revisions to Transportation Safety Requirements and Harmonization With International Atomic Energy Agency Transportation Requirements [10 CFR Part 71] Finalizes amendments to regulations for packaging and transporting radioactive material. Effective 07/13/2015. [RIN 3150-A111]
FED061215-10	Technology	06/09/2015	<a href="#">80 FR 32535 HTML</a>   <a href="#">PDF</a>	Notice Meeting	National Institutes of Standards and Technology National Conference on Weights and Measures 100th Annual Meeting Announces a meeting to discuss topics, including proposed amendments to NIST Handbook 44, "Specifications, Tolerances, and other Technical Requirements for Weighing and Measuring Devices." Conference is scheduled to begin on 07/19/2015 in Philadelphia, Pennsylvania. <a href="#">Additional information is available on NCWM's website.</a>
FED061215-11	Technology Nanoscale Materials	06/03/2015	<a href="#">80 FR 31625 HTML</a>   <a href="#">PDF</a>	Notice Webinar	Office of Science and Technology Policy Nanotechnology-Related Public Webinars Announces a webinar to discuss resources available on the Sensors Nanotechnology Signature Initiative <a href="#">website</a> . Webinar is scheduled for 06/25/2015. <a href="#">Additional information is available on NNI's website.</a>
FED061215-12	Toxic Substances SNURs	06/05/2015	<a href="#">80 FR 32003 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Significant New Use Rules on Certain Chemical Substances [40 CFR Parts 9 and 721] Direct final rule establishes SNURs for multiple chemical compounds. Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for use in activities designated in the rule as "significant new uses." Effective 08/04/2015. [RIN 2070-AB27]
FED061215-13	Toxic Substances SNURs	06/10/2015	<a href="#">80 FR 32879 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Significant New Use Rules on Certain Chemical Substances [40 CFR Part 721] Proposes to establish SNURs for multiple chemical compounds including certain carbon nanotubes. Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for use in activities designated in the rule as "significant new uses." Comments due 07/10/2015. [RIN 2070-AB27]

## 1.2 Other News and Developments

### 1.2.1 EO 13693 Implementing Instructions

On 10 June 2015, the Council of Environmental Quality released [Implementation Instructions for Executive Order \(EO\) 13693: "Planning for Federal Sustainability in the Next Decade."](#) The instructions provide guidance to departments and agencies regarding compliance with EO 13693, which establishes various sustainability goals, including a goal to reduce the federal government's greenhouse gas (GHG) emissions by 40 percent over the next decade compared with 2008 levels.

### 1.2.2 Federal Agency Sustainability/Energy Scorecards

NASA has [announced](#) the availability of its [Fiscal Year 2014 Sustainability/Energy Scorecard](#) ratings. The Agency was awarded green ratings in the following five categories:

- Scope 1 and 2 GHG Emission Reduction Target
- Scope 3 GHG Emission Reduction Target
- Use of Renewable Energy
- Reduction in Potable Water Intensity
- Reduction in Fleet Petroleum Use

Additionally, yellow ratings were awarded in the Reduction in Energy Intensity and Green Buildings categories. A green rating indicates the agency met its annual goal, and yellow indicates the agency met at least half of its annual goal.

### 1.2.3 Preliminary Action to Regulate GHG Emissions from Aircraft

On 10 June 2015, the United States (U.S.) Environmental Protection Agency (EPA) announced the availability of a [pre-publication version](#) of a proposed finding that GHG concentrations in the atmosphere may endanger the public health and welfare of current and future generations within the meaning of Section 231(a) of the Clean Air Act. The proposal also includes an Advance Notice of Proposed Rulemaking that provides information on the process for setting international carbon dioxide (CO<sub>2</sub>) standards for aircraft, and describes and seeks input on adopting a corresponding domestic standard under the Clean Air Act. For the past 5 years, the International Civil Aviation Organization (ICAO) has been working with the aviation industry and other stakeholders to develop international CO<sub>2</sub> standards for aircraft. EPA and the Federal Aviation Administration are participating in the development process as members of the ICAO. The future rulemaking would apply to commercial aircraft but not to military aircraft or small piston-engine planes. Comments will be due 60 days after the date of publication in the *Federal Register*. Additional information is available on EPA's [website](#).

### 1.2.4 General Industrial Stormwater Permit

EPA recently announced the availability of a [pre-publication version](#) of the final 2015 National Pollutant Discharge Elimination System general permit for stormwater discharges from industrial activity, also known as the Multi-Sector General Permit (MSGP). The MSGP, which consists of 44 separate regional EPA general permits that vary based on location, replaces the existing 2013 MSGP. The MSGP covers all industrial facilities, but facilities have the option to seek coverage under an individual permit if they cannot meet the terms of the MSGP. The updated MSGP became effective on 04 June 2015. Additional information is available on EPA's [website](#).

### 1.2.5 European Chemicals Agency Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals ([REACH](#)), the European Chemicals Agency ([ECHA](#)) has [added](#) perfluorononan-1-oic acid and its sodium and ammonium salts to the

[Registry of Intentions](#) for Substances of Very High Concern (SVHCs). ECHA expects the technical dossier for this substance to be submitted in August 2015. Dossier submittal is the first step of the process by which substances are considered for designation as SVHCs and addition to the [Candidate List for Authorisation](#). Substances on the SVHC Candidate List are eligible to be considered for listing on the [Authorisation List](#), REACH Annex XIV. Inclusion on the Authorisation List would impose special authorization requirements for continued manufacture and use in the EU. Although requirements associated with Authorisation do not directly affect operations in the U.S., they can affect the global supply chain and potentially reduce the future availability of regulated substances.

### 1.2.6 NASA Global Climate Change Data

On 09 June 2015, NASA [released](#) data predicting variations in worldwide temperature and rainfall patterns as a result of increasing concentrations of GHGs in Earth's atmosphere. The dataset, produced by the NASA Earth Exchange at Ames Research Center, shows the aggregate results of 21 climate models under various carbon monoxide scenarios. Additional information is available on NASA's [website](#).

### 1.2.7 Vapor Intrusion Technical Guidance

On 11 June 2015, EPA [announced](#) availability of the following two technical guides to support assessment and mitigation activities at sites where vapor intrusion is an actual or potential concern.

- "[Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air](#)"
- "[Technical Guide for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank Sites](#)"

Both guides are appropriate for residential and non-residential structures. Additional information is available on EPA's [website](#).

### 1.2.8 EJSCREEN

On 10 June 2015, EPA [announced](#) the release of the Environmental Justice Screening and Mapping Tool ([EJSCREEN](#)), an interactive tool that identifies geographical parcels with elevated environmental burden and vulnerable populations. EPA uses EJSCREEN as a preliminary step to screen for areas that may be candidates for additional consideration, analysis, or outreach as EPA develops programs, policies, and activities that could affect communities. EJSCREEN does not direct EPA decisions or provide a basis for identifying areas as environmental justice communities, and it is not an appropriate standalone tool for making a risk assessment.

### 1.2.9 TRI Webinar

EPA has scheduled a webinar for 23 June 2015 titled "[Navigating the Toxics Release Inventory \(TRI\) Website and Understanding Your Right to Know](#)." The webinar will provide information on key aspects of the TRI program, including the following:

- TRI data by geographical area
- Resources for communities
- Submitting comments and questions regarding the TRI program

### 1.2.10 LEEP Campaign

The [Lighting Energy Efficiency in Parking \(LEEP\) Campaign](#) is a free guidance and recognition program for facility owners interested in implementing energy-efficient lighting systems in parking lots and structures. The U.S. Department of Energy's Federal Energy Management Program (FEMP) encourages federal facilities to participate in the LEEP Campaign. Participants gain access to resources, including the following:

- Lighting project evaluation calculator
- Financial analysis tool
- Case studies
- Library of incentives and financing opportunities
- Lighting specifications
- Federal energy efficiency requirements guidance
- Qualifying product procurement resources

In addition, FEMP recently released an on-demand [webinar](#) on the LEEP Campaign. The webinar provides background information and directions for how to join and participate in the program.

### 1.2.11 Integrated DNAPL Guidance

The Interstate Technology Regulatory Council (ITRC) announced availability of an [Integrated Dense Non-Aqueous Phase Liquid \(DNAPL\) Site Characterization and Tools Selection](#) electronic guidance document. The document synthesizes knowledge of DNAPL site characterization and remediation from past scenarios and provides guidance on potential future DNAPL situations. ITRC has scheduled a series of [webinars](#) to provide training on DNAPL contamination and the new guidance document. Course dates are listed in the following table:

Course	Date
Integrated DNAPL Site Characterization	07/23/2015
	10/15/2015
	12/17/2015

### 1.2.12 Association for Environmental Health and Sciences Conferences

The Association for Environmental Health and Sciences Foundation has scheduled the conferences listed in the following table, which will include presentations, equipment demonstrations, and workshops.

Conference	Dates	Location	Topic Focus
<a href="#">International Conference on Soils, Sediments, Water, and Energy</a>	10/19/2015– 10/22/2015	Amherst, Massachusetts	Subsurface investigation and remediation
<a href="#">International Conference on Soil, Water, Energy, and Air</a>	03/21/2015– 03/24/2015	San Diego, California	Subsurface, surface, and atmosphere

Registration is required for each conference.

## 1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 15 July 2015, at 10 a.m. Central Time.

## 2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

### 2.1 Alabama State Regulatory Review

No regulatory items of interest were identified during this reporting period for [Alabama](#).

### 2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [California](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA061215-1	Air Monitoring	06/08/2015	<a href="#">ARB Website</a>	Notice	<p>California Air Resources Board</p> <p>2015 Air Monitoring Network Report</p> <p>Announces availability of the ARB <a href="#">Annual Monitoring Network Report</a>, which includes information on the following topics:</p> <ul style="list-style-type: none"> <li>Ambient air quality monitors operated by 25 California Air Districts</li> <li>Potential changes to the monitoring network</li> <li>Plans for future modifications.</li> </ul> <p>Comments due 07/09/2015.</p> <p><a href="#">Additional information regarding California's air monitoring network is available on ARB's website.</a></p>
CA061215-2 <a href="#">AFRC and Goldstone</a> should be aware of this action.	Air SIP-VOC	06/05/2015	<a href="#">80 FR 32026 HTML</a>   <a href="#">PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Revisions to the California State Implementation Plan, Eastern Kern Air Pollution Control District, Mojave Desert Air Quality Management District [40 CFR Part 52]</p> <p>Direct final rule revises the EKAPCD and MDAQMD portions of the California SIP to incorporate EKAPCD-adopted <a href="#">Rule 432</a>, Polyester Resin Operations, and MDAQMD-adopted <a href="#">Rule 464</a>, Oil-Water Separators. Effective 08/04/2014. Comments due 07/06/2015.</p>
CA061215-3 <a href="#">SSFL</a> should be aware of this action.	Emergency Planning	06/09/2015	<a href="#">80 FR 32581 HTML</a>   <a href="#">PDF</a>	Notice	<p>Federal Emergency Management Agency</p> <p>Changes in Flood Hazard Determinations</p> <p>Modifies flood hazard determinations for various locations, including Simi Valley in Ventura County, California.</p> <p><a href="#">Flood hazard determinations are referenced when designating areas of varying flood risk. Revisions to these determinations have the potential to impact facilities' emergency response planning and preparation activities. Additional information is available on FEMA's website.</a></p>
CA061215-4	Toxic Substances	06/09/2015	<a href="#">OEHHA Website</a>	Notice Meeting	<p>Office of Environmental Health Hazard Assessment</p> <p>Carcinogen Identification Committee Meeting</p> <p>Announces rescheduling of a meeting of the CIC to discuss topics, including consideration of the following chemicals for listing as "known to the state to cause cancer":</p> <ul style="list-style-type: none"> <li>Diaminotoluenes: <ul style="list-style-type: none"> <li>Diaminotoluene (mixed) (reconsideration of existing listing)</li> <li>2,3-diaminotoluene</li> <li>2,5-diaminotoluene</li> <li>2,6-diaminotoluene</li> <li>3,4-diaminotoluene</li> <li>3,5-diaminotoluene</li> </ul> </li> <li>Nitrapyrin (reconsideration of existing listing)</li> </ul> <p>Meeting is scheduled for 11/04/2015 in Sacramento, California.</p> <p><a href="#">Diaminotoluenes are used in the production of resins, lubricants, dyes, and other materials. Nitrapyrin primarily is used as a nitrification inhibitor in agriculture.</a></p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA061215-5	Toxic Substances Proposition 65	06/12/2015	<a href="#">CRNR 2015, 24z, p. 952</a>	Proposed Rule	Office of Environmental Health Hazard Assessment Maximum Allowable Dose Levels for Six Chemicals (Proposition 65) [27 CCR 25805(b)]  Proposes to adopt MADLs of 100 micrograms per day for oral exposure for each of the following substances: <ul style="list-style-type: none"> <li>▪ Atrazine</li> <li>▪ Propazine</li> <li>▪ Simazine</li> <li>▪ DACT</li> <li>▪ DEA</li> <li>▪ DIA</li> </ul> Comments due 07/27/2015.  <a href="#">These substances are found in herbicides and their breakdown products. Additional information is available on OEHHA's website.</a>

### 2.2.1 Assembly Bill 92

On 27 March 2015, the California Governor signed [Assembly Bill 92](#), which established the Office of Sustainable Water Solutions (Office). The Office is focused on addressing drinking water and wastewater financial and technical assistance needs, particularly for small drinking water and wastewater systems and disadvantaged communities. The Office is currently developing a plan for using technical assistance funding available under [Proposition 1](#).

### 2.2.2 Industrial General Storm Water Permit Website Updates

The State Water Resources Control Board recently updated the Industrial General Storm Water Permit [website](#). Updates include the following:

- Segregation of permit components into separate, downloadable PDF files
- Addition of links to resources in the [Industrial General Permit Toolbox](#), including a video on the Standard Industrial Classification codes that are required to obtain permit coverage
- Addition of a new page for enrollment into the [Storm Water Multiple Application and Report Tracking System](#), as well as a help document for enrolling under this permit

The Industrial Storm Water General Permit takes effect 01 July 2015.

### 2.2.3 California Diesel Vehicle, Large Spark-Ignition Vehicle, and Truck and Bus Regulation Training

The California Air Resources Board recently [announced](#) additional training dates for courses focusing on California's off-road diesel vehicles, large spark-ignition vehicles, diesel emission controls, and truck and bus regulations. The purpose of these courses is to provide vehicle owners, operators, fleet managers, and maintenance personnel with information about the requirements and technologies available to assist with regulatory compliance. Selected dates and locations for the courses include the following:

Course	Training Date	Location
<a href="#">#514: Truck &amp; Bus and Tractor-Trailer GHG Regulations Overview, Compliance, and Reporting</a>	06/23/2015	Webinar
<a href="#">#521: How to Comply with the Truck and Bus Regulation</a>	06/30/2015	Webinar

### 2.2.4 California Air Districts Regulatory Review

#### 2.2.4.1 Antelope Valley Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Antelope Valley Air Quality Management District](#).

### 2.2.4.2 Bay Area Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Bay Area Air Quality Management District](#).

### 2.2.4.3 Eastern Kern Air Pollution Control District

No regulatory items of interest were identified during this reporting period for the [Eastern Kern Air Pollution Control District](#).

### 2.2.4.4 Mojave Desert Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Mojave Desert Air Quality Management District](#).

### 2.2.4.5 South Coast Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [South Coast Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAS061215-1	Air Fees	06/12/2015	<a href="#">SCAQMD Website</a>	Final Rule	<p>South Coast Air Quality Management District</p> <p>Fees [Regulation III]</p> <p>Finalizes amendments to fees charged by the district for the following rules:</p> <ul style="list-style-type: none"> <li>▪ <a href="#">Rule 301</a>–Permitting and Associated Fees</li> <li>▪ <a href="#">Rule 303</a>–Hearing Board Fees</li> <li>▪ <a href="#">Rule 304</a>–Equipment, Materials, and Ambient Air Analyses</li> <li>▪ <a href="#">Rule 304.1</a>–Analyses Fees</li> <li>▪ <a href="#">Rule 306</a>–Plan Fees</li> <li>▪ <a href="#">Rule 307.1</a>–Alternative Fees for Air Toxics Emissions Inventory</li> <li>▪ <a href="#">Rule 308</a>–On-Road Motor Vehicle Mitigation Options Fees</li> <li>▪ <a href="#">Rule 309</a>–Fees for Regulation XVI and Regulation XXV</li> <li>▪ <a href="#">Rule 311</a>–Air Quality Investment Program (AQIP) Fees</li> <li>▪ <a href="#">Rule 313</a>–Authority to Adjust Fees and Due Dates</li> <li>▪ <a href="#">Rule 314</a>–Fees for Architectural Coatings</li> <li>▪ <a href="#">Rule 315</a>–Fees for Training Classes and License Renewal</li> </ul> <p>Effective 07/01/2015.</p>

### 2.2.4.6 Ventura County Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Ventura County Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAV061215-1	Air	06/03/2015	<a href="#">VCAPCD Website</a>	Notice Meeting	<p>Ventura County Air Pollution Control District</p> <p>Crude Oil and Reactive Organic Compound Liquids [Rule 71] and Transfer of Reactive Organic Compound Liquids [Rule 71.3]</p> <p><a href="#">Announces</a> an Advisory Committee meeting to discuss proposed amendments to <a href="#">Rule 71</a> and <a href="#">Rule 71.3</a>. Changes include the following:</p> <ul style="list-style-type: none"> <li>▪ Defines a "sensitive receptor" as any residence, education resource, or health care facility.</li> <li>▪ Requires installation of controls on fuel-loading activities within 300 feet of a sensitive receptor</li> </ul> <p>Advisory committee meeting is scheduled for 06/23/2015 in Ventura, California.</p> <p><a href="#">Additional information is available in the Draft Staff Report.</a></p>

## 2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Florida](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
FL061215-1	Radiation Licensing	06/03/2015	<a href="#">FAR Notice #16066515</a>	Notice Correction	<p>Department of Health</p> <p>General Licenses--Radioactive Material Other Than Source Material [Chapter 64E-5.206, F.A.C.]; Bonding of Persons Licensed Pursuant to Subpart II C [Chapter 64E-5.217, F.A.C.]</p> <p><a href="#">Corrects</a> proposed rule (<a href="#">FAR Notice #15809077</a>, 03/19/2015), Summary of SERC and Legislative Ratification, to provide the following proposed updates:</p> <ul style="list-style-type: none"> <li>Provide general licenses for use of discrete sources of radium 226, naturally occurring radioactive materials, or accelerator-produced radioactive materials</li> <li>Change requirements for financial surety process</li> </ul> <p>Comments due 06/30/2015.</p>
FL061215-2	Water Drinking Water	06/09/2015	<a href="#">FAR Notices #16083587</a> ; <a href="#">#16083684</a>	Proposed Rule	<p>Department of Environmental Protection</p> <p>Drinking Water Standards, Monitoring, and Reporting [Chapter 62-550, F.A.C.]; Requirements for Public Water Systems That Are Out of Compliance [Chapter 62-560, F.A.C.]</p> <p>Proposes to adopt federal revisions to the Total Coliform Rule and update rule references. <a href="#">Chapter 62-550, F.A.C.</a> and <a href="#">Chapter 62-560, F.A.C.</a> proposed rule texts are available for review. Comments due 06/30/2015.</p>

## 2.4 Louisiana State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Louisiana](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
LA061215-1	Air Emissions	06/20/2015	<a href="#">AQ354</a>	Proposed Rule Hearing	<p>Louisiana Department of Environmental Quality</p> <p>Emission Offsets [LAC 33:III.504.F]</p> <p><a href="#">Proposes</a> to amend regulations for nonattainment areas to allow for increases of NO<sub>x</sub> or VOC to be offset by decreases of other ozone precursors at ratios specified in Table 1 of LAC 33:III.504. Hearing is scheduled for 07/29/2015 in Baton Rouge, Louisiana. Comments due 08/05/2015.</p>
LA061215-2	Air NAAQS	06/20/2015	<a href="#">AQ353</a>	Proposed Rule Hearing	<p>Louisiana Department of Environmental Quality</p> <p>Emission Reduction Credits (ERC) Banking Program [LAC 33:III.603]</p> <p><a href="#">Proposes</a> to amend regulations to allow owners or operators of stationary sources in certain ozone attainment areas to apply for ERCs. Hearing is scheduled for 07/29/2015 in Baton Rouge, Louisiana. Comments due 08/05/2015.</p> <p><a href="#">Based on EPA's proposal to revise the Ozone NAAQS, LDEQ anticipates that up to 17 parishes would be redesignated as ozone nonattainment areas. Strikethrough text available for review in the notice.</a></p>
LA061215-3	Water Water Quality	06/20/2015	<a href="#">WQ091</a>	Proposed Rule Hearing	<p>Louisiana Department of Environmental Quality</p> <p>Dissolved Oxygen Criteria Revisions for Eastern Lower Mississippi River Alluvial Plains (LMRAP) Ecoregion [LAC 33:IX.1123.Table 3]</p> <p><a href="#">Proposes</a> to revise DO criteria for inland streams to 2.3 mg/L for the months of March through November. Proposed descriptions and boundaries of some subsegments of streams are included in Table 3 of LAC 33:IX.1123. Hearing is scheduled for 07/29/2015 in Baton Rouge, Louisiana. Comments due 08/05/2015.</p>
LA061215-4	Water Water Quality	06/20/2015	<a href="#">1506Pot1</a>	Notice	<p>Louisiana Department of Environmental Quality</p> <p>Louisiana Water Quality Management Plan Volume 4: Basin and Subsegment Boundaries</p> <p><a href="#">Announces</a> consideration of revisions to Volume 4 of the Louisiana WQMP to update the subsegment descriptions and delineations to be consistent with LAC 33:IX.Chapter 11. Comments due 05/29/2015.</p>

## 2.5 Maryland State Regulatory Review

No regulatory items of interest were identified during this reporting period for [Maryland](#).

## 2.6 Mississippi State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Mississippi](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
MS061215-1 <a href="#">SSC</a> should be aware of this action.	Railroads	06/02/2015	<a href="#">80 FR 31453 HTML</a>   <a href="#">PDF</a>	Notice	Federal Railroad Administration Environmental Impact Statement for Port Bienville Railroad Project Announces intent of the Mississippi DOT and Hancock County Port and Harbor Commission to develop an EIS for the Port Bienville Railroad Project. Project will evaluate additional routes from Port Bienville to Nicholson, Mississippi. Comments due 07/02/2015. <a href="#">The project's corridor is expected to cross through the acoustical buffer zone of SSC. Additional information is available on Mississippi DOT's website.</a>

## 2.7 New Mexico State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [New Mexico](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
NM061215-1	Air SIP	06/11/2015	<a href="#">80 FR 33191 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; State of New Mexico; Infrastructure Requirements for the 2008 Lead National Ambient Air Quality Standard and Repeal of Cement Kilns Rule [40 CFR Part 52] Finalizes EPA's approval of delegation of authority to NMED for implementation, maintenance, and enforcement of the 2008 Lead NAAQS. Effective 07/13/2015.

## 2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Ohio](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH061215-1	Air GHG	06/01/2015	<a href="#">DAPC-What's New</a>	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency GHG Tailoring Rules [OAC 3745-31-34 and 3745-77-11] <a href="#">Solicits</a> comments, as part of OEPA's 5-year review process, on potential updates to the GHG tailoring rules to align with recent federal decisions. Comments due 07/02/2015.

## 2.9 Texas State Regulatory Review

No regulatory items of interest were identified during this reporting period for [Texas](#).

## 2.10 Utah State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA-related operations in [Utah](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
UT061215-1	Air	06/01/2015	<a href="#">UT Bull. Vol. 2015-11, p. 185</a>	Notice	Utah Department of Environmental Quality; Division of Air Quality Five-Year Notices of Review and Statements of Continuation Announces periodic review has determined solid fuel burning device regulations will be retained in their current form. Effective 05/06/2015.
UT061215-2	Water Water Quality	06/01/2015	<a href="#">UT Bull. Vol. 2015-11, p. 98</a>	Proposed Rule Hearing	Utah Department of Environmental Quality; Division of Water Quality Standards of Quality for Waters of the State [R317-2] Proposes to allow background concentrations of pollutants to replace water quality criteria. Also proposes the following revisions for Blue Creek in Box Elder County: <ul style="list-style-type: none"> <li>▪ Increase criteria of site-specific total dissolved solids in Section R317-2-14, Table 2.14.1</li> <li>▪ Correct the location of Blue Creek and its tributaries from Gunnison Bay to Bear River Bay.</li> </ul> Hearing is scheduled for 06/29/2015 in Brigham City, Utah. Comments due 07/06/2015.

## 2.11 Virginia State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Virginia](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA061215-1	Air Administrative	06/15/2015	<a href="#">31:21 VA.R. 1818-1823</a>	Final Rule	State Air Pollution Control Board, Virginia Department of Environmental Quality Regulation for Dispute Resolution [9VAC5-210] Finalizes <a href="#">amendments</a> for conformity with state law, including terminology and citations. Effective 07/30/2015. Comments due 07/15/2015.
VA061215-2	Air Open Burning	06/15/2015	<a href="#">31:21 VA.R. 1808-1818</a>	Final Rule	State Air Pollution Control Board, Virginia Department of Environmental Quality Regulation for Open Burning [9VAC5-130] Finalizes the following <a href="#">amendments</a> : <ul style="list-style-type: none"> <li>▪ Specifies that open burning restrictions and permissible open burning provisions apply only in VOC emissions control areas</li> <li>▪ Deletes the reference to "urban areas" from the permissible open burning provisions for VOC emissions control areas</li> <li>▪ Revises regulatory language</li> </ul> Effective 07/15/2015.
VA061215-3	Air Permitting	06/12/2015	<a href="#">VDEQ website</a>	Proposed Rule	State Air Pollution Control Board, Virginia Department of Environmental Quality Permits for Stationary Sources [9VAC5-80] <a href="#">Proposes</a> to amend major NSR regulations to be consistent with federal regulations, including: <ul style="list-style-type: none"> <li>▪ Revise definition of baseline actual emissions by extending lookback period to 10 years and to enable different lookback periods for different NSR pollutants</li> <li>▪ Increase plantwide applicability limit effective period to 10 years</li> <li>▪ Amend definition of emissions unit</li> <li>▪ Add definition of replacement unit</li> </ul> Comments due 06/29/2015.
VA061215-4	Air SIP-GHG	06/05/2015	<a href="#">80 FR 32078 HTML   PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Virginia; Prevention of Significant Deterioration; Plantwide Applicability Limits of Greenhouse Gases [40 CFR Part 52] Proposes to approve a revision to Virginia's SIP to add plantwide applicability limits for GHGs. Comments due 07/06/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA061215-5	Air VOCs	06/15/2015	<a href="#">31:21 VA.R. 1786-1795</a>	Final Rule	State Air Pollution Control Board, Virginia Department of Environmental Quality General Definitions [9VAC5-10] Finalizes the exclusion of 2-amino-2-methyl-1-propanol from the regulatory <a href="#">definition of VOC</a> . Effective 07/30/2015. Comments due 07/15/2015.
VA061215-6	Energy Wind	06/15/2015	<a href="#">31:21 VA.R. 1823-1828</a>	Final Rule	Virginia Department of Environmental Quality Small Renewable Energy Projects (Wind) Permit by Rule [9VAC15-40] Finalizes the following <a href="#">amendments</a> : <ul style="list-style-type: none"> <li>▪ Modifies the definition of the term "small wind energy project"</li> <li>▪ Clarifies that wind projects under 5 MW are subject to this regulation</li> <li>▪ Allows fees to be paid electronically</li> <li>▪ Updates citation and links</li> </ul> Effective 07/30/2015. Comments due 07/15/2015.
VA061215-7	Waste Hazardous Waste	06/15/2015	<a href="#">31:21 VA.R. 1834-1836</a>	Final Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality Virginia Hazardous Waste Management Regulations [9VAC20-60] Finalizes amendment excluding small quantity generators from hazardous waste accumulation notification requirements. Effective 07/30/2015. Comments due 07/15/2015.
VA061215-8	Waste Solid Waste	06/01/2015	<a href="#">Virginia Town Hall website</a>	Notice	Virginia Waste Management Board, Virginia Department of Environmental Quality Solid Waste Planning and Recycling Regulations [9VAC20-130] Announces periodic review has determined regulations will be retained in their current form. Effective 06/01/2015.
VA061215-9	Water Administrative	06/15/2015	<a href="#">31:21 VA.R. 1836-1841</a>	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Regulation for Dispute Resolution [9VAC25-15] Finalizes <a href="#">amendments</a> for conformity with state laws, including terminology and citations. Effective 07/30/2015. Comments due 07/15/2015.
VA061215-10	Water Water Quality	06/15/2015	<a href="#">31:21 VA.R. 1863-1873</a>	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Water Quality Management Planning Regulation [9VAC25-720] Finalizes the following <a href="#">amendments</a> : <ul style="list-style-type: none"> <li>▪ Deletes obsolete footnotes</li> <li>▪ Maintains baseload WLAs by placing WLA balances in an unallocated reserve</li> <li>▪ Revises nutrient WLAs</li> <li>▪ Updates facility names and permit numbers</li> <li>▪ Makes expression of WLAs consistent for facilities served by combined sewer systems</li> </ul> Effective 07/30/2015. Comments due 07/15/2015.
VA061215-11	Water Water Supply	06/15/2015	<a href="#">31:21 VA.R. 1873-1875</a>	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Local and Regional Water Supply Planning [9VAC25-780] <a href="#">Removes</a> obsolete effective dates for referenced regulations. Effective 07/30/2015. Comments due 07/15/2015.