



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

04 September 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/>.

Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 (sharon.scroggins@nasa.gov).

Contents of This Issue

Acronyms and Abbreviations	3
1.0 U.S. Federal Regulatory Review	4
1.1 Federal Register Summary	4
1.2 Other News and Developments	5
1.2.1 2015 FEMP Awards	5
1.2.2 NASA Briefing on Sea Level Rise	6
1.2.3 U.S. Climate Resilience Toolkit	6
1.2.4 European Chemicals Agency Updates	6
1.2.5 ITRC Petroleum Vapor Intrusion Online Seminar	7
1.3 NASA Regulatory Communication Working Group Updates	7
2.0 State Regulatory Reviews	8
2.1 Alabama State Regulatory Review	8
2.2 California State Regulatory Review	8
2.2.1 Interactive Tool Shows Projected Climate Change Impacts in California	11
2.2.2 California Air Districts Regulatory Review	11
2.2.2.1 Antelope Valley Air Quality Management District	11
2.2.2.2 Bay Area Air Quality Management District	11
2.2.2.3 Eastern Kern Air Pollution Control District	12
2.2.2.4 Mojave Desert Air Quality Management District	12
2.2.2.5 South Coast Air Quality Management District	12
2.2.2.6 Ventura County Air Pollution Control District	12
2.3 Florida State Regulatory Review	12
2.4 Louisiana State Regulatory Review	13
2.5 Maryland State Regulatory Review	13
2.6 Mississippi State Regulatory Review	14
2.7 New Mexico State Regulatory Review	14
2.8 Ohio State Regulatory Review	14
2.9 Texas State Regulatory Review	15
2.10 Utah State Regulatory Review	15
2.11 Virginia State Regulatory Review	16

Acronyms and Abbreviations

AFRC = Armstrong Flight Research Center	NNSR = Nonattainment New Source Review
ATSDR = Agency for Toxic Substances and Disease Registry	NO _x = Nitrogen oxides
BAAQMD = Bay Area Air Quality Management District	NSPS = New Source Performance Standards
CCL4 = Fourth Contaminant Candidate List	NSR = New Source Review
CCR = <i>California Code of Regulations</i>	OAC = Ohio Administrative Code
CFR = <i>Code of Federal Regulations</i>	OEHHA = Office of Environmental Health Hazard Assessment
CFT = Carbon Footprint Tool	OEPA = Ohio Environmental Protection Agency
COMAR = Code of Maryland Regulations	OSHSB = Occupation Safety and Health Standards Board
CRNR = California Regulatory Notice Register	PAL = Plantwide applicability limit
CRT = Cathode ray tube	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DEQ = Department of Environmental Quality	PRD = Program Requirement Document
DMV = Department of Motor Vehicles	PSD = Prevention of Significant Deterioration
DSW = Division of Surface Water	PVC = Polyvinyl chloride
DWQ = Division of Water Quality	PVI = Petroleum Vapor Intrusion
ECHA = European Chemical Agency	RACM = Reasonably available control measure
EKAPCD = Eastern Kern Air Pollution Control District	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
EPA = U.S. Environmental Protection Agency	RIN = Regulatory Identification Number
EPEAT = Electronic Product Environmental Assessment Tool	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EU = European Union	SIP = State Implementation Plan
F.A.C. = Florida Administrative Code	SNUR = Significant New Use Rule
FAR = Florida Administrative Register	SO ₂ = Sulfur dioxide
FEMA = Federal Emergency Management Agency	SSFL = Santa Susana Field Laboratory
FEMP = Federal Energy Management Program	SVHC = Substances of Very High Concern
FFDCA = Federal Food, Drug, and Cosmetic Act	SWRCB = State Water Resources Control Board
FIFRA = Federal Insecticide, Fungicide, and Rodenticide Act	TAC = Texas Administrative Code
FR = <i>Federal Register</i>	TexReg = <i>Texas Register</i>
FRA = Federal Railroad Administration	TMDL = Total maximum daily loads
GHG = Greenhouse gas	TSCA = Toxic Substances Control Act
GRC = Glenn Research Center	U.S. = United States
H&S.C. = Health and Safety Code	UST = Underground storage tank
ITRC = Interstate Technology Regulatory Council	UV = Ultraviolet
JSC = Johnson Space Center	VAC = Virginia Administrative Code
MAB = Mississippi Administrative Bulletin	VA.R = <i>Virginia Register</i>
Md.R. = <i>Maryland Register</i>	VCAPCD = Ventura County Air Pollution Control District
MDE = Maryland Department of the Environment	VOC = Volatile organic compound
NAAQS = National Ambient Air Quality Standards	WQ = Water Quality
NASA = National Aeronautics and Space Administration	WQMPR = Water Quality Management Planning Regulation
NELAC = National Environmental Laboratory Accreditation Conference	
NM = New Mexico	
NMAC = New Mexico Administrative Code	
NMED = New Mexico Environment Department	

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
FED090415-1	Air NAAQS	08/26/2015	80 FR 51802 HTML PDF	Notice	U.S. Environmental Protection Agency Office of Research and Development; Ambient Air Monitoring Reference and Equivalent Methods: Designation of Two New Equivalent Methods Announces designation of new equivalent methods for monitoring concentrations of PM _{2.5} and ozone in ambient air.
FED090415-2 AFRC, GRC, and JSC should be aware of this action.	Air NAAQS	08/27/2015	80 FR 51992 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Determinations of Attainment by the Attainment Date, Extensions of the Attainment Date, and Reclassification of Several Areas Classified as Marginal for the 2008 Ozone National Ambient Air Quality Standards [40 CFR Part 52] Proposes the following determinations for areas currently classified as "marginal" for the 2008 Ozone NAAQS: <ul style="list-style-type: none"> ▪ 17 areas attained the standard by the attainment date ▪ 8 areas granted a 1-year attainment date extension; areas include Houston, Texas, and Cleveland, Ohio ▪ 11 areas failed to attain the standard and are not eligible for an extension; areas include Kern County, California; proposes to reclassify these areas as "moderate" Also proposes submission deadlines for SIP revisions. Comments due 09/28/2015.
FED090415-3	Commercial Space Transportation	09/02/2015	80 FR 53033 HTML PDF	Proposed Rule	Federal Aviation Administration Temporary Flight Restrictions in the Proximity of Launch and Reentry Operations Proposes the following revisions: <ul style="list-style-type: none"> ▪ Expand the temporary flight restriction provisions for launch, reentry, and amateur rocket operations ▪ Clarify language for consistency with other temporary flight restriction provisions, commercial space regulations, and definitions Comments due 11/02/2015. [RIN 2120-AK66]
FED090415-4	Hazardous Materials Transportation	08/26/2015	80 FR 51870 HTML PDF	Notice	U.S. Department of Transportation Office of Hazardous Materials Safety; Notice of Actions on Special Permit Applications Announces issuance of the following emergency special permits: <ul style="list-style-type: none"> ▪ 15515-M for NASA (Houston, Texas) to authorize an active PRD and add operational controls to authorize an alternative to the requirement for a rigid outer packaging ▪ 15999-M for NASA (Washington, D.C.) to modify the special permit by adding a Class 8 material
FED090415-5	Procurement EPEAT	09/03/2015	80 FR 53436 HTML PDF	Final Rule	General Services Administration Federal Acquisition Regulation; EPEAT Items [48 CFR Parts 7, 23, and 52] Finalizes adoption of interim rule (79 FR 35859 , 06/24/2014) with minor changes to expand Federal Acquisition Regulation requirements to procure EPEAT-registered products. Effective 10/05/2015. [RIN 9000-AM71]

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED090415-6	Radiation Exposure	08/28/2015	80 FR 52345 HTML PDF	Notice	U.S. Nuclear Regulatory Commission Instructions for Recording and Reporting Occupational Radiation Dose Data Solicits comments on proposed revisions to draft regulatory guidance , including: <ul style="list-style-type: none"> Methods for preparation, retention, and reporting of records of occupational radiation doses Monitoring and reporting occupational exposure and determining prior doses Instructions for completing certain forms Comments due 10/27/2015.
FED090415-7	Toxic Substances	08/25/2015	80 FR 51561 HTML PDF	Notice Workshop	U.S. Environmental Protection Agency Notice of a Public Meeting and Opportunity for Public Comment on Considerations for Risk Assessment of Genetically Engineered Algae Announces a workshop to discuss risk assessments related to the use of genetically engineered algae and cyanobacteria. Also announces intent to update guidance document "Points to Consider in The Preparation of TSCA Biotechnology Submissions for Microorganisms". Workshop is scheduled for 09/30/2015 in Washington, D.C., and via teleconference. Comments due 10/31/2015.
FED090415-8	Toxic Substances	09/02/2015	80 FR 53157 HTML PDF	Notice	Agency for Toxic Substances and Disease Registry Availability of Draft Toxicological Profile; Perfluoroalkyls Announces availability of a draft toxicological profile for perfluoroalkyls. Comments due 12/01/2015. Additional information is available on ATSDR's website.
FED090415-9	Toxic Substances	08/25/2015	80 FR 51558 HTML PDF	Notice	U.S. Environmental Protection Agency Final Test Guidelines; Endocrine Disruptor Screening Program Test Guidelines (Series 890); Three Tier 2 Non-Mammalian Tests; Notice of Availability Announces availability of final guidelines for testing chemical substances and pesticides for submission under FFDCA, FIFRA, and TSCA.
FED090415-10	Toxic Substances SNURs	09/02/2015	80 FR 53000 HTML PDF	Final Rule	U.S. Environmental Protection Agency Significant New Use Rule on Substituted Cyclosiloxane; Removal [40 CFR Parts 9 and 721] Finalizes removal of a direct final SNUR (80 FR 32003 , 06/05/2015) for substituted cyclosiloxane. Effective 09/02/2015. [RIN 2070-AB27]
FED090415-11	Water Water Quality	08/31/2015	80 FR 52472 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notification of a Public Teleconference of the Chartered Science Advisory Board Announces a teleconference to discuss the draft report on EPA's draft CCL 4 and planned actions in the Spring 2015 Regulatory Agenda. Teleconference is scheduled for 09/24/2015. The draft CCL 4 contains 100 chemical substances and 12 microbes. Additional information is available on EPA's website.

1.2 Other News and Developments

1.2.1 2015 FEMP Awards

NASA's Integrated Engineering Services Building at Langley Research Center was recognized as a [2015 Federal Energy Management Program \(FEMP\) Award](#) winner. FEMP Awards recognize individuals, groups, and organizations for significant contributions to energy and water efficiency within the federal government. In addition to honoring achievements in energy and water efficiency and conservation, projects related to renewable energy implementation, sustainable practices, and transportation management are also recognized. NASA's 138,000-square-foot sustainable Integrated Engineering Services Building will save an estimated \$3.6 million per year in operations and maintenance costs.

1.2.2 NASA Briefing on Sea Level Rise

On 26 August 2015, the National Aeronautics and Space Administration (NASA) held a [media briefing](#) to discuss sea level rise, including current conditions and future projections. NASA released a visualization of the past 23 years of satellite data, which depicted worldwide variation in changing sea levels. Other topics discussed included ongoing research on the Greenland and Antarctic ice sheets and a new field effort in Greenland to measure ocean temperatures, observe glacial thinning, and complete natural feature mapping. Additional information is available on NASA's [Rising Seas](#) website.

1.2.3 U.S. Climate Resilience Toolkit

On 02 September 2015, the U.S. Department of the Interior [released](#) a new set of online climate data as part of the [Climate Data Initiative](#). The new climate data also will be incorporated into the [U.S. Climate Resilience Toolkit](#), which was developed for climate change planning, adaptation, and management. Decision makers can use available data to understand climate-related risks and mitigation opportunities.

1.2.4 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 Chemical Agency ([ECHA](#)) has added Bisphenol A, 4,4'-isopropylidenediphenol, to the [Registry of Intentions](#) for Substances of Very High Concern ([SVHCs](#)). ECHA expects a technical dossier for this substance to be submitted by 31 December 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.

In addition to Bisphenol A, ECHA has launched a public consultation on the following seven substances proposed to be identified as SVHCs. Comments are due 15 October 2015.

Substance Name	CAS Number	Common Uses of Substance
1,3-propanesultone	1120-71-4	Electrolyte fluid in lithium ion batteries
UV-327	3864-99-1	UV-protection agent in coatings, plastics, rubber and cosmetics
UV-350	36437-37-3	UV-protection agent in coatings, plastics, rubber and cosmetics
Dicyclohexyl phthalate	84-61-7	Plastisol and in PVC, rubber and plastic articles; phlegmatizer and dispersing agent for formulations of organic peroxides
Hexamethylene diacrylate	13048-33-4	Coating and ink production; cross linking agent in polymerization processes in the production of resins, rubbers and polymers
Nitrobenzene	98-95-3	Production of chemicals; processing aid
Perfluorononan-1-oic acid and its sodium and ammonium salts (group entry)	375-95-1 21049-39-8 4149-60-4	Processing aid for fluoropolymer manufacture; lubricating oil additive; surfactant for fire extinguishers; cleaning agent; textile antifouling finishing agent; polishing surfactant; production of waterproofing agents; and in liquid crystal display panels

Although requirements associated with REACH do not directly affect operations in the United States (U.S.), they can affect the global supply chain and potentially reduce future availability of regulated substances.

1.2.5 ITRC Petroleum Vapor Intrusion Online Seminar

The Interstate Technology Regulatory Council (ITRC) will conduct training on the fundamentals of screening, investigation, and management of petroleum vapor intrusion in an [online seminar](#) scheduled for 06 October 2015. A key document used with the Internet-based training will be the ITRC Technical and Regulatory Guidance Web-based Document, [Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management \(PVI-1, 2014\)](#). The seminar will provide a compilation of information based on recent research and empirical data to promote the efficient use of resources and increase confidence in decision making when evaluating the potential for petroleum intrusion. [Registration is required for attendance](#).

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 16 September 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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
AL090415-1	Air SIP	09/01/2015	80 FR 52701 HTML PDF	Proposed Rule	U.S. Department of Environmental Protection Approval and Promulgation of Implementation Plans; Alabama: Nonattainment New Source Review [40 CFR Part 52] Proposes to approve certain SIP revisions related to NNSR regulations to be consistent with federal NSR regulations for the implementation of criteria pollutant NAAQS. Comments due 10/01/2015.
AL090415-2	Water Water Quality	08/30/2015	Public Notice #210	Notice	Alabama Department of Environmental Management 2016 Section 303(d) List of Impaired Waters Solicits information relevant to the development of the 2016 Section 303(d) list. Also solicits comments on Alabama's Water Assessment and Listing Methodology . Comments due 09/28/2015.

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
CA090415-1 SSFL should be aware of this action.	Emergency Planning	09/01/2015	80 FR 52771 HTML PDF	Final Rule	Federal Emergency Management Agency Changes in Flood Hazard Determinations Finalizes revisions to flood hazard determinations for various locations, including Ventura County, California. Effective 07/17/2015. 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.
CA090415-2	Occupational Safety Confined Spaces	08/28/2015	CRNR, 2015, 35z, p. 1466	Proposed Rule Hearing	Occupational Safety and Health Standards Board Confined Spaces in Construction [8 CCR 1950-1962] Proposes regulations intended to provide protection to employees working in confined spaces at construction sites. Hearing is scheduled for 10/15/2015 in Sacramento, California. Comments due 10/15/2015. Additional information is available on OSHSB's website.
CA090415-3	Species Marbled Murrelet	08/25/2015	80 FR 51506 HTML PDF	Proposed Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Determination of Critical Habitat for the Marbled Murrelet [50 CFR Part 17] Proposes to determine that all of the areas currently designated as critical habitat for the marbled murrelet meet the statutory definition of "critical habitat." Comments due 10/26/2015. Marble Murrelet are known to occur in Los Angeles, Santa Clara, and Ventura counties, California.
CA090415-4	Storage Tanks USTs	07/24/2015	SWRCB Website	Notice	State Water Resources Control Board Compatibility of USTs Storing Gasoline with Ethanol Announces availability of technical guidance related to compatibility of USTs storing gasoline-ethanol blends. The guidance contains procedures for demonstrating compatibility based on tank manufacture date and a table indicating which types of fiber reinforced plastic USTs are suitable for storage of gasoline-ethanol blends.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA090415-5	Storage Tanks USTs	07/24/2015	SWRCB Website	Notice	State Water Resources Control Board Local Guidance-171: Permanent Closure of USTs that Do Not Meet H&SC Section 2591(a)(1)-(6) Announces availability of a local guidance letter related to permanent closure of single-walled tanks, including: <ul style="list-style-type: none"> ▪ Applicability ▪ Permanent closure requirements ▪ Procedures for compatibility demonstration ▪ Available permanent closure funding ▪ Penalties for non-compliance
CA090415-6	Toxic Substances Proposition 65	08/28/2015	CRNR, 2015, 35z, p. 1486	Notice Meeting	Office of Environmental Health Hazard Assessment Meeting of the Developmental and Reproductive Toxicant Identification Committee Announces a meeting to discuss the following: <ul style="list-style-type: none"> ▪ Reconsideration of listing methyl-n-butyl ketone as known to cause reproductive toxicity under the Labor Code listing mechanism ▪ Consideration of listing 2,5-hexanedione as known to cause reproductive toxicity under the Labor Code listing mechanism Also announces availability of an accompanying hazard identification document . Meeting is scheduled for 11/09/2015 in Sacramento, California. Comments due 10/12/2015. Methyl-n-butyl ketone is a solvent used in paints, lacquers, thinners, glues, resins, etc. and 2,5-hexanedione is used in the production of heterocyclic compounds. Additional information is available on OEHHA's website.
CA090415-7	Toxic Substances Proposition 65	08/28/2015	CRNR, 2015, 35z, p. 1486	Notice Meeting	Office of Environmental Health Hazard Assessment Availability of Hazard Identification Materials for Nitrapyrin and Diaminotoluenes Announces availability of the following hazard identification documents: <ul style="list-style-type: none"> ▪ Nitrapyrin ▪ Diaminotoluenes Also announces a meeting to consider delisting these chemicals. Meeting is scheduled for 11/04/2015 in Sacramento, California. Comments due 10/12/2015. Additional information is available on OEHHA's website.
CA090415-8	Toxic Substances Proposition 65	08/28/2015	CRNR, 2015, 35z, p. 1488	Notice Meeting	Office of Environmental Health Hazard Assessment Chemicals for Consultation by the Developmental and Reproductive Toxicant Identification Committee Announces a meeting to discuss prioritization of preparing hazard identification materials for the following chemicals: <ul style="list-style-type: none"> ▪ Nickel ▪ Pentachlorophenol ▪ Perfluorooctanoic acid ▪ Perfluorooctane sulfonate ▪ Tetrachloroethylene Meeting is scheduled for 11/09/2015 in Sacramento, California. Comments due 10/12/2015. Additional information is available on OEHHA's website.
CA090415-9	Toxic Substances Proposition 65	08/28/2015	CRNR, 2015, 35z, p. 1490	Notice Workshop	Office of Environmental Health Hazard Assessment Pre-regulatory Workshop for Potential Regulatory Amendment: Level of Exposure to Chemicals Causing Reproductive Toxicity [27 CCR 25821(c)] Announces availability of pre-regulatory documents to clarify that the reasonably anticipated rate of intake or exposure to a listed chemical must be calculated as the arithmetic mean of daily intake or exposure for product users. Workshop is scheduled for 10/19/2015 in Oakland, California. Comments due 11/02/2015. Additional information is available on OEHHA's website.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA090415-10	Toxic Substances Proposition 65	09/04/2015	CRNR, 2015, 36z, p.1516	Proposed Rule	Office of Environmental Health Hazard Assessment Notice of Intent to List Chemicals by the Labor Code Mechanism: Tetrachlorvinphos, Parathion, Malathion, Glyphosate [27 CCR 25904] Proposes to list the following substances as known to the state to cause cancer under the Labor Code listing mechanism: <ul style="list-style-type: none"> ▪ Tetrachlorvinphos ▪ Parathion ▪ Malathion ▪ Glyphosate Comments due 10/05/2015. Glyphosate is an herbicide and the remaining substances are insecticides. Additional information is available on OEHHA's website.
CA090415-11	Toxic Substances Proposition 65	09/04/2015	CRNR, 2015, 36z, p. 1514	Proposed Rule	Office of Environmental Health Hazard Assessment Notice of Modification to Text of Proposed Regulation: Lead Agency Website [27 CCR 25205] Proposes modified text related to establishing and maintaining a website to provide supplemental information for Proposition 65-listed chemicals. Modifications include: <ul style="list-style-type: none"> ▪ Establishing a 90-day period for a business to respond to a request for information ▪ Clarifying the scope of the OEHHA disclaimer to include all information received from third parties ▪ Including the source of exposure to a chemical for which an environmental warning is being provided ▪ Allowing businesses to respond to lead agency requests via trade groups ▪ Explicitly stating that a business is not required to provide information to OEHHA that is subject to legal privileges under California law Comments due 09/21/2015.
CA090415-12 NASA Centers that store at least 500 cubic yards of compost materials at any given time should be aware of this action.	Waste Composting	08/04/2015	SWRCB Website	Final Rule	State Water Resources Control Board State Water Board Approves General Order for Composting Operations Finalizes General Order WQ 2015-0121-DWQ waste discharge requirements for composting operations, which establish: <ul style="list-style-type: none"> ▪ Standards for the construction, operation, and maintenance of composting facilities ▪ Standards for the permeability of the ground beneath the composting piles ▪ Drainage requirements ▪ Specifications for leachate collection and containment ▪ Monitoring and reporting requirements Effective 08/04/2015. Applies to new and existing facilities that process at least 500 cubic yards of material per year.
CA090415-13	Waste CRTs	09/04/2015	CRNR, 2015, 36z, p. 1520	Final Rule	Department of Resources Recycling and Recovery CRT Glass Disposition [14 CCR 18660.5-18660.6 and 18660.21-18660.24] Finalizes revisions to requirements for the disposal of CRT glass derived from the processing of certain covered electronic waste. Effective 08/21/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA090415-14	Water Storm Water	8/28/2015	SWRCB Website	Notice Workshop	<p>State Water Resources Control Board Storm Water Grant Program - Proposition 1</p> <p>Announces public workshops to discuss the following documents:</p> <ul style="list-style-type: none"> ▪ Draft Proposition 1 - Storm Water Grant Program Guidelines ▪ Draft Resolution Storm Water Resource Plan Guidelines ▪ Draft Storm Water Resource Plan Guidelines <p>The following workshops are planned:</p> <ul style="list-style-type: none"> ▪ 09/29/2015 in Fresno, California ▪ 09/30/2015 in Fountain Valley, California ▪ 10/01/2015 in Oakland, California ▪ 10/06/2015 in Sacramento, California <p>Documents will be considered for adoption during a hearing scheduled for 12/01/2015 in Sacramento, California. Comments due 10/13/2015.</p> <p>Under Proposition 1, public agencies may apply for funding to support either the planning or implementation of eligible, multibenefit storm water management projects, including green infrastructure, rainwater and storm water capture projects, and storm water treatment facilities.</p>

2.2.1 Interactive Tool Shows Projected Climate Change Impacts in California

The California Energy Commission [announced](#) the launch of the [Climate Console](#) web application, which aggregates 20 climate change models to provide actionable data to scientists and planners studying the impact of climate change in the California desert. The data are intended to assist local, state, and federal agencies in identifying vulnerabilities and developing plans to mitigate the impacts of climate change.

2.2.2 California Air Districts Regulatory Review

2.2.2.1 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](#).

2.2.2.2 Bay Area Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAB090415-1	Air SIP	08/28/2015	80 FR 52236 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Revisions to California State Implementation Plan; Bay Area Air Quality Management District; Stationary Sources Permits [40 CFR Part 52]</p> <p>Proposes partial approval of SIP revisions to incorporate revised BAAQMD Regulation 2, Rules 1 and 2, related to the issuance of stationary source permits. Comments due 09/28/2015.</p> <p>California would have 18 months to submit and receive approval for SIP revisions that correct identified deficiencies.</p>

2.2.2.3 Eastern Kern Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAE090415-1	Air	09/03/2015	EKAPCD Website	Notice	<p>Eastern Kern Air Pollution Control District</p> <p>Notice of September "Desert Breeze" Newsletter</p> <p>Announces availability of the September issue of the Desert Breeze newsletter, which includes discussions on the following topics:</p> <ul style="list-style-type: none"> ▪ DMV Grant Program that funds vehicle-related emission reduction projects ▪ Asbestos notification requirements for renovations ▪ Use of and exposure to benzene ▪ Rule development overview

2.2.2.4 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](#).

2.2.2.5 South Coast Air Quality Management District

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

2.2.2.6 Ventura County Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAV090415-1	Air	09/03/2015	VCAPCD Website	Notice Hearing	<p>Ventura County Air Pollution Control District</p> <p>Draft Ventura County 2015 Triennial Assessment and Plan Update</p> <p>Announces availability of the "Draft 2015 Ventura County Triennial Assessment and Plan Update" for 2012 through 2014. Public hearing is scheduled for 11/10/2015 in Ventura, California. Comments due 10/02/2015.</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
FL090415-1	Air SIP	08/24/2015	80 FR 51157 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; Florida; Infrastructure Requirements for the 2010 Sulfur Dioxide National Ambient Air Quality Standard [40 CFR Part 52]</p> <p>Proposes approval of SIP revisions related to infrastructure requirements for the 2010 1-hour SO₂ NAAQS. Comments due 09/23/2015.</p>
FL090415-2	Radiation	09/04/2015	FAR Notice #16437346	Notice Meeting	<p>Department of Health</p> <p>Bureau of Radiation Control</p> <p>Announces a meeting to discuss various radiation topics, including Chapter 64E-4, F.A.C., "Control of Nonionizing Radiation Hazards." Meeting is scheduled for 10/06/2015 in Orlando, Florida.</p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
FL090415-3	Railroads	08/26/2015	80 FR 51868 HTML PDF	Notice	<p>Federal Railroad Administration</p> <p>Ballast Defects and Conditions-Importance of Identification and Repair in Preventing Development of Unsafe Combinations of Track Conditions</p> <p>Announces issuance of a safety advisory that emphasizes the importance of timely repair for ballast defects and conditions on main tracks. Also recommends that track owners and railroads:</p> <ul style="list-style-type: none"> ▪ Update engineering instructions on ballast safety ▪ Direct track inspectors to identify, initiate, and implement remedial action for ballast defects and conditions in a timely manner ▪ Ensure that supervisors provide adequate oversight of track inspectors <p>Ballast may consist of crushed stone, crushed slag, screened gravel, and other materials, and it must satisfy all four requirements in FRA's track safety standards in 49 CFR Part 213.</p>
FL090415-4	Water Surface Water	08/31/2015	FAR Notice #16396121	Notice Workshop	<p>Department of Environmental Protection</p> <p>Permits [Chapter 62-4, F.A.C.]; Surface Water Quality Standards [Chapter 62-302, F.A.C.]; Identification of Impaired Surface Waters [Chapter 62-303, F.A.C.]</p> <p>Announces public workshops for the Triennial Review of state surface water quality standards. Proposed revisions would:</p> <ul style="list-style-type: none"> ▪ Clarify procedures used to assess state surface waters ▪ Revise certain water quality criteria and regulatory text ▪ Update references ▪ Reduce the fee for Site-Specific Alternative Criteria ▪ Reclassify estuarine waters from Class III to Class II waters ▪ Clarify the scope of waters on the Study List ▪ Clarify what studies will be conducted for listed waters ▪ Clarify minimum data and delisting requirements for the assessment of nutrient impairments <p>Workshops are scheduled for the following dates and locations:</p> <ul style="list-style-type: none"> ▪ 09/15/2015 in West Palm Beach, Florida ▪ 09/16/2015 in Tallahassee, Florida ▪ 09/17/2015 in Orlando, Florida

2.4 Louisiana State Regulatory Review

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

2.5 Maryland State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
MD090415-1	Air SIP	09/04/2015	42:18 Md. R. 1195-1198	Proposed Rule Hearing	<p>Department of the Environment</p> <p>Air Quality [COMAR 26.11.02]</p> <p>Proposes to implement new statutory requirements, including:</p> <ul style="list-style-type: none"> ▪ Eliminating the adjudicatory hearing process ▪ Notifying elected officials within a 1-mile radius of a source subject to the expanded public participation requirements of permit proceedings ▪ Establishing an alternate process for sources subject to expanded public participation requirements that trigger EPA NSPS only <p>Hearing is scheduled for 10/06/2015. Comments due 10/06/2015.</p> <p>Additional information is available on MDE's website.</p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
MD090415-2	Radiation	09/04/2015	42:18 Md.R. 1180	Final Rule	<p>Department of the Environment Radiation Management [COMAR 26.12.01]</p> <p>Finalizes revisions to "Regulations for the Control of Ionizing Radiation (1994)," which is incorporated by reference in COMAR 26.12.01.01, to include:</p> <ul style="list-style-type: none"> ▪ Additional security requirements for use and transport of risk significant quantities of radioactive material ▪ Prohibition of use of a radiation machine prior to facility registration ▪ Miscellaneous corrections <p>Effective 09/14/2015.</p> <p>Additional information is available on MDE's website.</p>

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
MS090415-1	Administrative	08/27/2015	MAB #21488	Proposed Rule Hearing	<p>Mississippi Department of Environmental Quality 11 Miss. Admin. Code Part 1, Chapter 2-"Mississippi Commission on Environmental Quality Regulations Regarding the Review and Reproduction of Public Records"</p> <p>Proposes to amend regulations to clarify rules regarding processing and requesting public records. Draft rule language is available for review. Hearing is scheduled for 10/14/2015 in Jackson, Mississippi. Comments due 10/14/2015.</p>

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
NM090415-1	Water	08/18/2015	NM Register Vol 26, No.16	Notice Hearing	<p>Water Quality Control Commission Notice of Public Meeting of the Water Quality Control Commission</p> <p>Announces a hearing to consider proposed amendments to 20.6.4 NMAC, Standards for Interstate and Intrastate Surface Waters. Hearing is scheduled to begin 10/13/2015 in Santa Fe, New Mexico.</p> <p>Additional information is available on NMED's website.</p>

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
OH090415-1	Water Water Quality	08/28/2015	DSW-Rules and Laws	Notice	<p>Division of Surface Water, Ohio Environmental Protection Agency Water Quality Standards [OAC 3745-1]</p> <p>Solicits comments as part of a 5-year review process. OEPA is considering reorganizing and realigning regulations, without substantial changes. Comments due 09/28/2015.</p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH090415-2	Water Water Quality	09/04/2015	DSW-Rules and Laws	Notice	Division of Surface Water, Ohio Environmental Protection Agency Water Quality Standards [OAC 3745-1] Solicits comments on revisions to beneficial use designations for various areas including the Rocky River watershed. Revisions include: <ul style="list-style-type: none"> ▪ Changing beneficial use designations for certain water bodies ▪ Adding water bodies that are currently undesignated ▪ Verifying existing beneficial use designations Comments due 10/05/2015.

2.9 Texas State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
TX090415-1	Air PSD	09/04/2015	80 FR 53467 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Infrastructure Requirements for the 1997 Ozone and the 1997 and 2006 PM _{2.5} NAAQS [40 CFR Part 52] Direct final rule revises the CFR to reflect 2014 SIP changes to regulate GHGs in the Texas PSD permitting program. Also determines that SIP deficiencies identified in a prior partial disapproval for the 1997 Ozone and the 1997 and 2006 PM _{2.5} NAAQS have been addressed. Effective 11/03/2015. Comments due 10/05/2015.
TX090415-2	Radiation	09/04/2015	40 TexReg 5722	Proposed Rule Hearing	Texas Commission on Environmental Quality Radioactive Substance Rules [30 TAC Chapter 336] Proposes to revise regulations related to protection of radioactive material to be consistent with federal regulations. Changes include: <ul style="list-style-type: none"> ▪ Revising and adding definitions ▪ Revising security requirements ▪ Adding volume reduction requirements Hearing is scheduled for 09/29/2015 in Austin, Texas. Comments due 10/04/2015.

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
UT090415-1	Air SIP	08/25/2015	80 FR 51499 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; State of Utah; Revisions to the Utah Division of Administrative Rules, R307-300 Series; Area Source Rules for Attainment of Fine Particulate Matter Standards [40 CFR Part 52] Proposes to approve certain SIP revisions related to area source rules for PM _{2.5} , PM _{2.5} precursors, NO _x , and VOC emissions. Also proposes to approve RACM determinations related to PM _{2.5} . Comments due 09/24/2015.

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
VA090415-1	Administrative	09/07/2015	32:1 VA.R 238-239	Notice	Virginia Department of Professional and Occupational Regulation Public Participation Guidelines [18VAC120-11] Announces periodic review has determined that regulation will be retained in its current form.
VA090415-2	Administrative Laboratory Certification	09/07/2015	32:1 VA.R. 6-62	Proposed Rule	Virginia Department of General Services Certification for Noncommercial Environmental Laboratories [1VAC30-45] Proposes the following amendments: <ul style="list-style-type: none"> Streamlines procedures for application and renewal of certification Reduces requirement to perform proficiency studies from semiannually to annually for each certification field Eliminates requirements for specialized testing Adds procedures for certification suspension by providing time for problem correction Clarifies requirement for notification of cause for certification denial or decertification Restructures and modifies fee system Eliminates or provides increased flexibility for several quality system provisions Comments due 11/06/2015.
VA090415-3	Administrative Laboratory Certification	09/07/2015	32:1 VA.R. 62-84	Final Rule	Virginia Department of General Services Accreditation for Commercial Environmental Laboratories [1VAC30-46] Finalizes the following amendments: <ul style="list-style-type: none"> Replaces 2003 NELAC standards with 2009 NELAC standards Restructures and increases fees Revises the accreditation process Adds provision for accreditation suspension Eliminates obsolete language and clarifies text Effective 11/01/2015.
VA090415-4	Air SIP	09/07/2015	32:1 VA.R 234-235	Notice	Air Pollution Control Board, Virginia Department of Environmental Quality Major New Source Review Program Regulations [9VAC5-80] Solicits comments on the following SIP revisions: <ul style="list-style-type: none"> Revises the definition of "baseline actual emissions" to extend the lookback period from 5 to 10 years, and enable different lookback years for different regulated NSR pollutants Increases the PAL effective period from 5 to 10 years Revises the definition of "emissions unit" Adds the definition of "replacement unit" Comments due 10/07/2015.
VA090415-5	Natural Resources Wetlands	09/07/2015	32:1 VA.R. 93-96	Final Rule	Marine Resources Commission, Virginia Department of Conservation and Natural Resources Living Shoreline Group 1 General Permit for Certain Living Shoreline Treatments Involving Tidal Wetlands [4VAC20-1300] Finalizes a general permit for the use of living shorelines as the preferred alternative for stabilizing tidal shorelines. Effective 09/01/2015. "Living shorelines" refers to shoreline management practices that provide erosion control and water quality benefits.
VA090415-6	Waste Solid Waste	09/07/2015	32:1 VA.R. 147	Notice	Virginia Waste Management Board, Virginia Department of Environmental Quality Solid Waste Management Permit Action Fees and Annual Fees [9VAC20-90] Announces availability of the following updated forms: <ul style="list-style-type: none"> Solid Waste Information and Assessment Program–Reporting Table, Form DEQ 50-25 with Statement of Economic Benefits Form and Instructions (revised 11/2104) Solid Waste Annual Permit Fee Quarter Payment Form PF001 (revised 07/2015)

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA090415-7	Water Groundwater	09/07/2015	32:1 V.A.R. 147-148	Notice	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Groundwater Withdrawal Regulations [9VAC25-610]</p> <p>Announces availability of the following updated forms:</p> <ul style="list-style-type: none"> ▪ Department of Environmental Quality Water Division Permit Application Fee Form (revised 10/2014) ▪ Application Instructions for Completing a Groundwater Withdrawal Permit Application (revised 11/2013) ▪ Application for a Groundwater Withdrawal Permit (revised 09/2012) ▪ Groundwater Withdrawal Permit—Change of Ownership Agreement Form (revised 11/2013) ▪ Uncontested Termination Agreement (revised 11/2013) ▪ Uniform Water Well Completion Report, Form GW-2 (revised 07/2015) ▪ Public Notice Authorization Form—Authorization for Public Notice Billing to Groundwater Withdrawal Permit Applicant (revised 11/2013) ▪ Preapplication Meeting—Application for a Groundwater Withdrawal Permit (revised 09/2012) ▪ Local and Area-wide Planning Requirements (revised 09/2012) ▪ Quarterly Groundwater Withdrawal Report (revised 11/2013) ▪ Mitigation Plan (revised 11/2013) ▪ Existing Users Groundwater Withdrawal Permit Application and Instructions (effective 02/2/014)
VA090415-8	Water TMDLs	09/07/2015	32:1 V.A.R. 240-241	Notice Meeting	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Chesapeake Bay-Small Coastal-Eastern Shore River Basin [9VAC25-720-110 A]</p> <p>Solicits comments on proposed revisions to the Chesapeake Bay-Small Coastal-Eastern Shore River Basin WQMPR. Meeting is scheduled for 09/17/2015 in Richmond, Virginia. Comments due 10/19/2015.</p>