



National Aeronautics and  
Space Administration

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

# Regulatory Tracking Summary

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*12 December 2014*

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 "79 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](mailto:sharon.scroggins@nasa.gov)).

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## Acronyms and Abbreviations

AFRC = Armstrong Flight Research Center	NPDES = National Pollutant Discharge Elimination System
ARB = Air Resources Board	NSR = New Source Review
ASTM = American Society for Testing and Materials	OAC = Ohio Administrative Code
AVAQMD = Antelope Valley Air Quality Management District	OAL = Office of Administrative Law
Bull. = Bulletin	OEPA = Ohio Environmental Protection Agency
CAA = Clean Air Act	OSHSB = Occupational Safety and Health Standards Board
CCR = <i>California Code of Regulations</i>	PBS = Plum Brook Station
CFR = <i>Code of Federal Regulations</i>	PEL = Permissible exposure limits
COMAR = Code of Maryland Regulations	PPE = Personal protective equipment
CO = Carbon monoxide	ppm = Parts per million
CRNR = California Regulatory Notice Register	PM = Particulate matter
DfE = Design for the Environment	PM <sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DOE = U.S. Department of Energy	QA/QC = Quality assurance/quality control
DEP = Department of Environmental Protection	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
DEQ = Department of Environmental Quality	RECLAIM = Regional Clean Air Incentives Market
DSW = Division of Surface Water	RIN = Regulatory Identification Number
ECHA = European Chemicals Agency	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EKAPCD = Eastern Kern Air Pollution Control District	SCAQMD = South Coast Air Quality Management District
EPA = U.S. Environmental Protection Agency	SCIL = Safer Chemical Ingredients List
EU = European Union	SEAC = Socio-Economic Analysis
°F = Fahrenheit	SIP = State Implementation Plan
F.A.C. = Florida Administrative Code	SNUR = Significant new use rule
FAQ = Frequently asked questions	SSC = Stennis Space Center
FAR = Florida Administrative Register	SSFL = Santa Susana Field Laboratory
FEMA = Federal Emergency Management Agency	SVHC = Substances of Very High Concern
FEMP = Federal Energy Management Program	SWRCB = State Water Resources Control Board
FR = <i>Federal Register</i>	TWA = Time weighted average
GHG = Greenhouse gas	UDAQ = Utah Department of Environmental Quality
GRC = Glenn Research Center	U.S. = United States
GSA = General Services Administration	USFWS = U.S. Fish and Wildlife Service
JPL = Jet Propulsion Laboratory	UT = Utah
LAC = Louisiana Administrative Code	VA.R. = <i>Virginia Register</i>
LPG = Liquefied petroleum gas	VCAPCD = Ventura County Air Pollution Control District
Md.R. = <i>Maryland Register</i>	VOC = Volatile organic compound
MIS = Management Information System	Vol. = Volume
MOVES = Motor Vehicle Emissions Simulator	WFF = Wallops Flight Facility
NAAQS = National Ambient Air Quality Standards	WMO = World Meteorological Organization
NASA = National Aeronautics and Space Administration	WQ = Water Quality
NESHAP = National Emission Standards for Hazardous Air Pollutants	WSTF = White Sands Test Facility
NFPA = National Fire Protection Association	
NMAC = New Mexico Administrative Code	
NO <sub>x</sub> = Nitrogen oxides	

## 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	Suggested Actions
FED121214-1	Air NAAQS-PM	12/03/2014	<a href="#">79 FR 71764</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice Workshop	U.S. Environmental Protection Agency Notice of Workshop and Call for Information on Integrated Science Assessment for Particulate Matter Announces a workshop entitled "Workshop to Discuss Policy-Relevant Science to Inform EPA's Review of the Primary and Secondary NAAQS for PM" to be held from 02/09/2015 to 02/11/2015 in Research Triangle Park, North Carolina. Also announces the intent to update the scientific assessment presented in the 2009 Integrated Science Assessment for Particulate Matter. Submissions due 02/18/2015.	
FED121214-2	Space Vehicle Operations	12/05/2014	<a href="#">79 FR 72240</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice	Federal Aviation Administration Office of Commercial Space Transportation; Amended Waiver for Launch and Mission Risk Announces the amendment of a waiver ( <a href="#">79 FR 13375</a> , 03/10/2014) related to the risk of debris during the launch and reentry of the Orion Multi-Purpose Crew Vehicle.	<a href="#">NASA's Orion Program</a> should be aware of this action.
FED121214-3	Species	12/05/2014	<a href="#">79 FR 72449</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions [50 CFR Part 17] Announces availability of an updated list of plant and animal species that are candidates for, or are proposed for addition to, the Lists of Endangered and Threatened Wildlife and Plants. Solicits additional information for 146 candidate species. <a href="#">Additional information can be found on USFWS website.</a>	
FED121214-4	Species Rufa Red Knot	12/11/2014	<a href="#">79 FR 73705</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Threatened Species Status for the Rufa Red Knot [50 CFR Part 17] Finalizes the addition of the rufa red knot to the list of threatened species. The rufa red knot is known or believed to occur in the following locations: <ul style="list-style-type: none"> <li>▪ Accomack County, Virginia</li> <li>▪ Cuyahoga County, Ohio</li> <li>▪ Erie County, Ohio</li> <li>▪ Hancock County, Mississippi</li> </ul> Effective 01/12/2015. [RIN 1018-AY17]	<a href="#">GRC, Plum Brook, SSC, and WFF</a> should be aware of this action.
FED121214-5	Technology Microsatellites	12/01/2014	<a href="#">79 FR 71141</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice	Office of Science and Technology Policy Microsatellite Technologies for Civil Earth Observations Solicits comments on the current and near-term state of microsatellite technology and the feasibility of microsatellite systems to meet present and future civil observation needs. Comments due 12/31/2014.	

## 1.2 Other News and Developments

### 1.2.1 Orion Flight Test

On 05 December 2014, NASA announced the successful completion of Orion's Exploration Flight Test-1. The Orion capsule, NASA's newest spacecraft, is the space exploration vehicle designed to carry humans into deep space, sustain the crew during travel, and provide safe re-entry through Earth's atmosphere. The capsule was launched atop a Delta IV Heavy rocket from Cape Canaveral Air Force Station. After completing two orbits of Earth, Orion returned through the atmosphere and safely splashed down in the Pacific Ocean. During the flight test, Orion reached an altitude of 3,600 miles above the Earth, achieved a speed of 20,000 miles per hour, and experienced temperatures approaching 4,000 degrees Fahrenheit (°F). Orion was unmanned for this flight test, but the spacecraft is designed to accommodate up to 4 crew members, allowing human exploration of destinations such as an asteroid or the planet Mars.

### 1.2.2 NASA Earth Venture Investigations

NASA recently [announced](#) its plan to launch five new airborne Earth Venture investigations during 2015. The purpose of these investigations is to learn how Earth system processes influence our climate. The five new missions are as follows:

- The Atmospheric Tomography Project will study how atmospheric chemistry is transformed by human-produced air pollutants.
- The North Atlantic Aerosols and Marine Ecosystems Study will observe the annual life cycle of phytoplankton and the impact small airborne particles derived from marine organisms have on climate in an effort to improve predictions of how ocean ecosystems would change with ocean warming.
- The Atmospheric Carbon and Transport-America project will measure regional emissions of greenhouse gases and document how weather systems transport these gases in the atmosphere.
- The Observations of Aerosols above Clouds and their Interactions project will study smoke particles from African fires and their potential impact on cloud cover over the Atlantic.
- The Oceans Melting Greenland missions will investigate the relationship between warmer saltier Atlantic subsurface waters and Greenland glacier melting.

Additional information is available on NASA's Earth Sciences [website](#).

### 1.2.3 Status of the Global Climate 2014

On 03 December 2014, the World Meteorological Organization (WMO) [released](#) their [Provisional Statement on the Status of the Global Climate in 2014](#). The statement was published to provide information for the annual climate change negotiations, which recently took place in Lima, Peru. In the report, WMO states that the global average air temperature for January through October was approximately 1.03 °F warmer than the average for the 1961-1990 reference period and approximately 0.16 °F warmer than the average for the past 10 years. In addition, 14 of the 15 warmest years on record have occurred in the twenty-first century.

### 1.2.4 White House Releases New Climate Data

On 09 December 2014, the White House announced the availability of two new themes in the Climate Data Initiative: [water](#) and [ecosystem vulnerability](#). The General Services Administration (GSA) recently launched the "climate.data.gov" website, which includes a compilation of data sets, resources, and tools, to share information regarding potential climate change-related impacts. The recent release includes information on stream flow, soil, land cover, and biodiversity and tools to overlay various data sets on maps. In addition, a new [ecosystems community](#) was added to the data.gov initiative.

### 1.2.5 European Chemicals Agency Updates

The European Chemicals Agency ([ECHA](#)) recently announced it has taken four actions as part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals ([REACH](#)). First, ECHA has added the following two substances to the [Registry of Intentions](#) for Substances of Very High Concern ([SVHCs](#)):

Substance Name	CAS Number	Common Uses of Substance
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	Plastics, rubbers
Karanal	117933-89-8	Fragrances, soaps, detergents

ECHA expects the technical dossiers for these substances to be submitted in February 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 Authorization](#). Substances on the SVHC Candidate List are eligible to be considered for listing on the [Authorization List](#), REACH Annex XIV. Inclusion on the Authorization List would impose special authorization requirements for continued manufacture and use in the EU.

Second, ECHA has [added](#) methanol in pure form, as a constituent of windshield washing fluids, or as a constituent of fuel for certain cooking appliances at concentrations greater than 3 percent by weight to the [Registry of Restriction Intentions](#). ECHA expects the technical dossier for the substance to be submitted on 30 January 2015. After the dossier is received, ECHA will evaluate whether or not to propose the addition of the substances to the [List of Restrictions](#). Substances on the List of Restrictions have the potential to be limited or banned from manufacture, use, or placement on the market in the EU, usually related to specific applications.

Third, ECHA has announced public [consultations](#) for the Committee for Socio-Economic Analysis ([SEAC](#)) opinion regarding the restriction of two substances, listed in the table below. The SEAC evaluates the socio-economic impact that could result from the restriction of a substance. SEAC opinions have the potential to affect the final form of restriction.

Substance Name	CAS Number	Common Uses of Substance
Cadmium and its compounds (in artist paints)	7440-43-9	Paints
Chrysotile	12001-29-5, 132207-32-0	Asbestos insulation

Fourth, SEAC [adopted](#) its final opinion on restriction proposals for the following two substances:

Substance Name	CAS Number	Common Uses of Substance
1-methyl-2-pyrrolidone (NMP)	872-50-4	Solvents, chemical manufacturing
Cadmium and its compounds (in paints)	7440-43-9	Paints

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

### 1.2.6 Reconsideration of Boiler NESHAP Final Rules and Regulation Navigation Tool

On 01 December 2014, the U.S. Environmental Protection Agency (EPA) [announced](#) the availability of pre-publication versions of the proposed reconsiderations of the [National Emission Standards for Hazardous Air Pollutants \(NESHAP\) for boilers located at major sources of emissions](#) and the [NESHAP for boilers located at area sources](#). The latest boiler NESHAP rules were finalized in early 2013, and EPA is reconsidering each final rule in response to petitions from public stakeholders. Issues with the proposed rule revisions for boilers at area sources include:

- Definitions of the startup and shutdown periods

- Alternative particulate matter (PM) standards for new oil-fired boilers that combust low-sulfur oil
- Establishment of a subcategory and requirements for limited-use boilers
- Establishment of a provision that eliminates further performance testing for PM for certain boilers based on their initial compliance tests
- Establishment of a provision that eliminates further fuel sampling for mercury for certain coal-fired boilers based on their initial compliance demonstration

Issues with proposed rule revisions for boilers at major sources of emissions include:

- Definitions of startup and shutdown periods and associated work practice standards
- Carbon monoxide (CO) emission limits based on a minimum CO level of 130 parts per million (ppm)
- The use of PM continuous parameter monitoring system including the consequences of exceeding the operating parameter
- Minor technical corrections

A 45-day comment period will open when the proposed rules are published in the *Federal Register*.

In addition, EPA recently released an [interactive tool](#) used to determine the applicable requirements of the NESHAP for Area Source Industrial, Commercial, and Institutional Boilers. The tool presents a series of questions to the user to determine the regulatory requirements for a specific boiler. Additional information is available on the Area Source Boiler NESHAP [website](#).

### 1.2.7 Final Rule on Definition of Solid Waste

EPA has [announced](#) the availability of a [pre-publication version](#) of the final rule on the Definition of Solid Waste. This final rule, which regulates the management of hazardous secondary materials intended for recycling, includes the following updates to the original 2008 waste definition rule:

- Addresses regulatory gaps in the 2008 rule by requiring off-site recycling to be performed by facilities with a Resource Conservation and Recovery Act permit or verified recycler variance
- Confirms pre-2008 exclusions, such as the scrap metal exclusion
- Revises the definition of legitimate recycling
- Establishes a targeted remanufacturing exclusion for certain higher-value hazardous spent solvents

Additional information, including a [fact sheet](#) and [FAQs](#), is available on the rulemaking [website](#).

### 1.2.8 EPA to Expand the Design for the Environment Safer Chemical Ingredients List

The EPA Office of Chemical Safety and Pollution Prevention recently announced an [initiative](#) to expand the Design for the Environment (DfE) Safer Chemical Ingredients List ([SCIL](#)). The Safer Product Labeling Program is a voluntary program intended to identify high-performance and cost-effective products with safer ingredients than traditional products. Products that meet criteria specified by the DfE receive the DfE Safer Product Label. The initiative invites chemical manufacturers to submit candidate safer chemicals to EPA for review and possible listing on the SCIL.

### 1.2.9 Groundwater Sampling ASTM Standard Guide

American Society for Testing and Materials (ASTM) International recently released [Standard D7929-14](#), "Standard Guide for Selection of Passive Techniques for Sampling Groundwater Monitoring Wells." The standard describes the following three classes of passive sampling technologies available for routine groundwater monitoring:

- Diffusion-based samplers
- Sorption-based samplers

- Passive grab samplers

### 1.2.10 MOVES2014 Correction

On 08 December 2014, EPA released new nonroad post-processing scripts for the October 2014 release of the Motor Vehicle Emission Simulator (MOVES) 2014. MOVES2014 is the latest version of the MOVES model and incorporates EPA's NONROAD2008 model to allow users to estimate emissions from both on-road and nonroad mobile sources within the same model. A zip file with the scripts and detailed instructions on how to incorporate them is available on the MOVES [website](#).

### 1.2.11 FEMP Training Search Tool

The U.S. Department of Energy's Federal Energy Management Program (FEMP) recently [launched](#) the [FEMP training search tool](#), which allows users to search for available training courses by topic, course format, and level of difficulty. Additional information is available on the FEMP training [website](#).

### 1.2.12 Scope 3 GHG Emissions Report Training

GSA has scheduled a [series of online training courses](#) to provide guidance on reporting Scope 3 greenhouse gas (GHG) emissions associated with business travel through GSA's Travel Management Information System (MIS). Topics include:

- Registering and logging into the GSA Travel MIS reporting tool
- Generating carbon dioxide emission reports
- Interpreting results
- Pulling relevant information and data from each report in order to populate GHG reporting spreadsheets
- Basic overview of GHG emissions estimation methodology

The dates for future online training sessions are listed in the following table:

Date
01/06/2015
01/12/2015
01/16/2015
01/19/2015

### 1.2.13 Greenbuild International Conference and Expo

The United States Green Building Council has scheduled the [2015 Greenbuild International Conference and Expo](#) for 18 through 20 November 2015 in Washington D.C. Green building, also known as sustainable or high performance building, is the practice of creating structures using processes that are environmentally responsible and resource efficient. The conference includes speakers, networking opportunities, Leadership in Energy and Environmental Design workshops, and tours of green buildings throughout the D.C. area. [Registration](#) is required for attendance.

### 1.2.14 Defense, National Security, and Climate Change Symposium

The Association of Climate Change Officers have scheduled the 4th Annual [Defense, National Security, and Climate Change Symposium](#) for 07 and 08 January 2015 in Washington, D.C. Presentations and discussions will focus on climate change adaptation, as well as energy use and GHG emissions reduction. Additional information, including an [agenda](#), is available on the symposium's website. [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, 18 February 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	Suggested Actions
CA121214-1	Administrative	12/05/2014	<a href="#">CRNR 2014, 49Z, p. 1981</a>	Notice	Office of Administrative Law Request for Information Regarding Publication of the Official California Code of Regulations and the California Regulatory Notice Registry Requests information or suggestions that may assist OAL in contracting for the future publication of the CCR and CRNR. OAL is seeking the broadest possible information concerning both publications, in hard copy and electronic format. Comments due 02/02/2015. <a href="#">The current contract for CCR and CRNR publication ends 12/31/2015. OAL intends to issue one or more Request(s) for Proposal(s) in 2015 for their future publication.</a>	
CA121214-2	Air Cap-and-Trade	12/03/2014	<a href="#">ARB Website</a>	Notice	California Air Resources Board November Joint Cap-and-Trade Auction Results <a href="#">Announces</a> availability of the " <a href="#">Summary Results Report</a> ," which summarizes GHG allowances sold at the 11/25/2014 cap-and-trade auction. <a href="#">The November 2014 auction was the first joint auction for the California and Quebec Cap-and-Trade systems, which were linked on 01/01/2014 to enable mutual acceptance of GHG allowances issued by each jurisdiction.</a>	
CA121214-3	Air NAAQS-PM	12/10/2014	<a href="#">79 FR 73203 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Revisions to the California State Implementation Plan, Antelope Valley Air Quality Management District and South Coast Air Quality Management District [40 CFR Part 52] Finalizes revisions to the SIP for PM emissions from AVAQMD fugitive dust Rule 403 and SCAQMD abrasive blasting Rule 1140. Effective 02/09/2015. Comments due 01/09/2015.	<a href="#">AFRC and JPL</a> should be aware of this action.
CA121214-4	Emergency Planning	12/11/2014	<a href="#">79 FR 73612 HTML   PDF</a>	Notice	Federal Emergency Management Agency Changes in Flood Hazard Determinations Announces revisions to the <a href="#">flood hazard determinations</a> for various locations, including Los Angeles and Ventura counties in California. Ventura County revisions effective 12/18/2014; Los Angeles County revisions effective 01/08/2015. <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 the FEMA website.</a>	<a href="#">AFRC and SSFL</a> should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA121214-5	Occupational Safety Airborne Contaminants	12/05/2014	<a href="#">CRNR 2014, 49z, p. 1984</a>	Final Rule	Occupational Safety and Health Standards Board Airborne Contaminants, Hydrogen Chloride [8 CCR 5155]  Adopts the following <a href="#">PELs</a> for hydrogen chloride: <ul style="list-style-type: none"> <li>0.3 ppm for 8-hour TWA</li> <li>2 ppm for ceiling level</li> </ul> Effective 01/01/2015.  <a href="#">Additional information is available on the OSHSB website.</a>	
CA121214-6	Occupational Safety Fire Protection	12/12/2014	<a href="#">CRNR 2014, 50z, p. 2007</a>	Final Rule	Occupational Safety and Health Standards Board Update of Title 8 General Industry National Fire Protection Association (NFPA) Fire Protection Standards [8 CCR 5620, 6165, and 6180-6184]  <a href="#">Amends</a> Title 8 to reference current editions of NFPA standards for information on the design, construction, installation, inspection, and/or maintenance of structures and/or fire protection systems. Effective 04/01/2015.  <a href="#">Additional information is available on the OSHSB website.</a>	
CA121214-7	Occupational Safety PPE	12/12/2014	<a href="#">CRNR 2014, 50z, p. 2008</a>	Final Rule	Occupational Safety and Health Standards Board Personal Protective Devices and Safeguards [8 CCR 1514 and 3380]  Adopts <a href="#">amendments</a> to PPE regulations that: <ul style="list-style-type: none"> <li>Clarify intended use of PPE</li> <li>Require PPE to be maintained in a safe and sanitary condition</li> <li>Clarify specific areas of the body, such as extremities, that might require PPE</li> <li>Require that PPE not encumber employees' movements necessary to perform assigned work</li> <li>Make California requirements consistent with federal requirements</li> </ul> Effective 04/01/2015.  <a href="#">Additional information is available on the OSHSB website.</a>	
CA121214-8	Water Impaired Water Bodies	11/21/2014	<a href="#">SWRCB Website</a>	Proposed Rule Hearing	State Water Resources Control Board Proposed Amendment to the Water Quality Control Policy for Developing California's Clean Water Act Section 303(d) List  Proposes the following <a href="#">amendments</a> to SWRCB's policy for developing the Clean Water Act Section 303(d) list of impaired water bodies: <ul style="list-style-type: none"> <li>Modifies the definition of "readily available information"</li> <li>Clarifies that the list is not required to include assessments from all regions for each listing cycle</li> <li>Authorizes SWRCB to conduct a Regional Water Board's listing responsibilities in the event that the Regional Water Board cannot do so</li> <li>Changes the process for compiling the list</li> <li>Includes the <a href="#">sediment quality objectives</a> adopted in 2008</li> </ul> Comments due 12/22/2014. Public hearing is scheduled for 02/03/2015 in Sacramento, California.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA121214-9	Water NPDES	12/01/2014	<a href="#">SWRCB Website</a>	Notice Workshop	<p>State Water Resources Control Board</p> <p>Storm Water Industrial General Permit 2015 Workshops</p> <p><a href="#">Announces</a> additional public workshops to present the new NPDES Permit requirements that affect industrial facility operations. Public workshops are scheduled for:</p> <ul style="list-style-type: none"> <li>▪ 03/10/2015 in Palmdale, California</li> <li>▪ 02/26/2015 and 03/26/2015 in Rancho Cucamonga, California</li> </ul> <p>The new NPDES Permit for storm water associated with industrial activity is effective 07/01/2015.</p> <p><a href="#">A summary of the significant permit changes is available on the SWRCB website.</a></p>	
CA121214-10	Water Petitions	12/05/2014	<a href="#">CRNR 2014, 49z, p. 1985</a>	Final Rule	<p>State Water Resources Control Board</p> <p>Review by State Board of Action or Failure to Act by Regional Board [23 CCR 2050, 2050.5, and 2051]</p> <p>Adopts the following time frames for SWRCB to issue notices of petition:</p> <ul style="list-style-type: none"> <li>▪ 90 days after receipt if a petition is received on or after 01/01/2015</li> <li>▪ 120 days from 01/01/2015 if a petition was received before 01/01/2011</li> <li>▪ 240 days from 01/01/2015 if a petition was received in calendar years 2011 or 2012</li> <li>▪ One year from 01/01/2015 if a petition is filed between 01/01/2013 and 12/31/2014</li> </ul> <p>Also amends procedures for defective petitions, clarifying that defective petitions not timely corrected by amendment shall be deemed withdrawn rather than dismissed. Effective 01/01/2015.</p> <p><a href="#">Petitions may be filed if SWRCB has acted, or failed to act, in matters involving waste discharge requirements, technical report requests, waivers, enforcement actions, NPDES permits, and water reclamation.</a></p>	

## 2.2.1 In-Use Off-Road Diesel Vehicle Regulation Fleet Average Calculator

The California Air Resources Board (ARB) has released the [Fleet Average Calculator for Small Fleets](#), and its accompanying [user guide](#), for public use. This calculator is an Excel spreadsheet intended to help owners of small fleets (i.e., fleets with a cumulative horsepower of 2,500 or less) experiment with different turnover, repower, and retrofit strategies to plan for compliance with the [in-use off-road diesel vehicle regulation](#). The in-use off-road diesel vehicle regulation is intended to reduce harmful emissions from diesel-powered construction vehicles with propulsion engines rated at 25 horsepower or greater. Additional information is available on the ARB [website](#).

## 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

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

### 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	Suggested Actions
CAE121214-1	Air	12/04/2014	<a href="#">EKAPCD Website</a>	Notice Public Hearing	Eastern Kern Air Pollution Control District Notice of Public Hearing on Proposed Rules Announces a public hearing to discuss the following: <ul style="list-style-type: none"> <li>Proposed Revision of <a href="#">Fee Rules 301, 302, and 303</a></li> <li>Proposed Revision of <a href="#">Rule 402: Fugitive Dust</a></li> </ul> Public hearing is scheduled for 01/08/2015 in Tehachapi, California. Comments due 01/07/2015.	

### 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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS121214-1	Air NAAQS-PM <sub>2.5</sub>	12/09/2014	<a href="#">79 FR 72999 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Clean Data Determination for 1997 PM <sub>2.5</sub> Standards; California-South Coast; Applicability of Clean Air Act Requirements [40 CFR Part 52]  Proposes to make a determination that SCAQMD has attained the PM <sub>2.5</sub> NAAQS for both the annual and 24-hour standards based on 2011 to 2013 ambient air quality data. Comments due 01/08/2015.	
CAS121214-2	Air NSR-PM <sub>2.5</sub>	12/05/2014	<a href="#">SCAQMD Website</a>	Final Rule	South Coast Air Quality Management District Federal PM <sub>2.5</sub> New Source Review Program [Rule 1325]  Finalizes <a href="#">Rule 1325</a> regulating PM <sub>2.5</sub> for major stationary sources that are new or modified that have a significant increase in emissions.	
CAS121214-3	Air RECLAIM	12/03/2014	<a href="#">SCAQMD Website</a>	Notice	South Coast Air Quality Management District NO <sub>x</sub> RECLAIM Non-Refinery Preliminary Cost Effectiveness [Regulation XX]  Announces availability of <a href="#">cost effective summaries</a> for non-refinery equipment that includes internal combustion engines, boilers and other equipment units.	<a href="#">JPL</a> should be aware of this action.

### 2.2.2.6 Ventura County Air Pollution Control District

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

## 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	Suggested Actions																
FL121214-1	Species Lionfish	12/12/2014	<a href="#">79 FR 73884 HTML</a>   <a href="#">PDF</a>	Notice	National Oceanic and Atmospheric Administration National Invasive Lionfish Prevention and Management Plan  Announces the availability of the <a href="#">National Invasive Lionfish Prevention and Management Plan</a> . Comments due 01/26/2015. [RIN 0648-XD641]  <b>Lionfish are known to live in the coastal waters of Brevard County.</b>																	
FL121214-2	Water Permitting	12/11/2014	<a href="#">FAR Notice #15349297</a>	Proposed Rule Change	Department of Environmental Protection Permits [Chapter 62-621.300, F.A.C.]  Changes the following proposed rule forms ( <a href="#">FAR Notice #14689115</a> , 06/19/2014) to reference permits, change a title, or to conform to the language of Rule 62-620.305, F.A.C: <ul style="list-style-type: none"> <li>▪ Notice of Intent to Use the Generic Permit for Discharge of Ground Water from Dewatering Operations (DEP Form 62-621.300(2)(b), F.A.C.)</li> <li>▪ Notice of Termination Generic Permit for Discharge of Ground Water from Dewatering Operations (DEP Form 62-621.300(2)(f), F.A.C.)</li> <li>▪ Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities (DEP Form 62-621.300(4)(b), F.A.C.)</li> <li>▪ Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities (DEP Form 62-621.300(4)(b), F.A.C.)</li> </ul>																	
FL121214-3	Water Sewage	12/05/2014	<a href="#">FAR Notice #15348036</a>	Notice Meeting	Department of Health Standards for Onsite Sewage Treatment and Disposal Systems [Chapter 64E-6, F.A.C.]  Announces public meetings to examine applications for variance from the requirements of Chapter 64E-6, F.A.C., "Standards for Onsite Sewage Treatment and Disposal Systems" and to provide input on any rule issues requested by the Technical Review and Advisory Panel. Meetings are scheduled for the following dates and locations: <table border="1" data-bbox="901 1438 1291 1764"> <thead> <tr> <th>Location</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td rowspan="5">Lecanto, Florida</td> <td>▪ 01/08/2015</td> </tr> <tr> <td>▪ 03/05/2015</td> </tr> <tr> <td>▪ 05/07/2015</td> </tr> <tr> <td>▪ 07/02/2015</td> </tr> <tr> <td>▪ 09/03/2015</td> </tr> <tr> <td>▪ 11/05/2015</td> </tr> <tr> <td rowspan="5">Gainesville, Florida</td> <td>▪ 02/05/2015</td> </tr> <tr> <td>▪ 04/02/2015</td> </tr> <tr> <td>▪ 06/04/2015</td> </tr> <tr> <td>▪ 08/06/2015</td> </tr> <tr> <td>▪ 10/01/2015</td> </tr> <tr> <td>▪ 12/03/2015</td> </tr> </tbody> </table>	Location	Date	Lecanto, Florida	▪ 01/08/2015	▪ 03/05/2015	▪ 05/07/2015	▪ 07/02/2015	▪ 09/03/2015	▪ 11/05/2015	Gainesville, Florida	▪ 02/05/2015	▪ 04/02/2015	▪ 06/04/2015	▪ 08/06/2015	▪ 10/01/2015	▪ 12/03/2015	
Location	Date																					
Lecanto, Florida	▪ 01/08/2015																					
	▪ 03/05/2015																					
	▪ 05/07/2015																					
	▪ 07/02/2015																					
	▪ 09/03/2015																					
▪ 11/05/2015																						
Gainesville, Florida	▪ 02/05/2015																					
	▪ 04/02/2015																					
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	▪ 08/06/2015																					
	▪ 10/01/2015																					
▪ 12/03/2015																						

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL121214-4	Water Surface Water	12/10/2014	<a href="#">FAR Notice #15305453</a>	Notice Change	Department of Environmental Protection Estuary-Specific Numeric Interpretations of the Narrative Nutrient Criterion [Chapter 62-302.532, F.A.C.] Changes proposed rule ( <a href="#">FAR Notice #15208162</a> , 10/27/2014) to clarify numeric nutrient criteria for the following estuaries: <ul style="list-style-type: none"> <li>▪ Mosquito Lagoon</li> <li>▪ Banana River Lagoon</li> <li>▪ Indian River Lagoon</li> </ul> Rule <a href="#">text</a> changes are available for review.	
FL121214-5	Water Water Quality	12/10/2014	<a href="#">FAR Notice #15366272</a>	Notice Meeting	Department of Environmental Protection Water Quality Trading [Chapter 62-306, F.A.C.] Announces meetings to discuss proposed revisions to Chapter 62-306, F.A.C. Meetings are scheduled for 01/14/2015 in Orlando, Florida, and for 01/15/2015 in Tallahassee, Florida.	

## 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	Suggested Actions
LA112814-1	Water Water Quality	11/20/2014	<a href="#">WQ090</a>	Proposed Rule Hearing	Louisiana Department of Environmental Quality Exception to Environmental Assessment Requirements as They Relate to Reissued Permits [LAC 33:IX.2905.B] <a href="#">Announces</a> revisions to water quality regulations to update the definition of "minor" for facilities and permit changes. Public hearing scheduled for 01/27/2015 in Baton Rouge, Louisiana. Comments due 02/03/2015.	

## 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	Suggested Actions
MD121214-1	Air	12/12/2014	<a href="#">40:25 Md.R. 1552</a>	Notice Correction	Department of the Environment Errata [COMAR 26.11.06.06] Adds specific paragraph references to subsections of COMAR 26.11.06.06, VOCs.	

## 2.6 Mississippi State Regulatory Review

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

## 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	Suggested Actions
NM121214-1	Air SIP-Lead	12/11/2014	<a href="#">79 FR 73512 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; State of New Mexico; Infrastructure SIP Requirements for the 2008 Lead National Ambient Air Quality Standard and Repeal of Cement Kilns Rule [40 CFR Part 52]  Proposes to approve elements of the New Mexico infrastructure SIP that address requirements of CAA §110(a)(2) for the 2008 Lead NAAQS and 20.1.1 NMAC. Comments due 01/12/2015.	

## 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	Suggested Actions
OH121214-1	Water Storm Water	12/04/2014	<a href="#">DSW-Rules and Laws</a>	Notice	Division of Surface Water, Ohio Environmental Protection Agency Small Municipal Storm Sewer System Rules [OAC 3745-39-01, 02, 03] <a href="#">Solicits</a> early stakeholder input on revisions to the small municipal storm sewer system rules. OEPA anticipates minor revisions to address formatting and reference updates. Comments due 01/12/2015.  <a href="#">OAC 3745-39-01 defines terms used in regulations, which include definitions that apply to industrial storm water discharges.</a>	

## 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 Centers and related operations in [Utah](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions																
UT121214-1	Air Solid Fuel Burning	12/08/2014	<a href="#">UDAQ Website</a>	Proposed Rule Hearing	<p>Utah Department of Environmental Quality; Division of Air Quality</p> <p>Solid Fuel Burning Devices in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber Counties [R307-302]</p> <p>Proposes to <a href="#">amend</a> the existing rule to add possible exceptions to a winter season solid fuel-burning ban in several Utah counties, including the following:</p> <ul style="list-style-type: none"> <li>▪ Box Elder County</li> <li>▪ Cache County</li> <li>▪ Davis County</li> <li>▪ Salt Lake County</li> </ul> <p>Hearings are scheduled for the following locations and dates:</p> <table border="1"> <thead> <tr> <th>Location</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Tooele, Utah</td> <td>01/14/2015</td> </tr> <tr> <td>Salt Lake City, Utah</td> <td>01/15/2015</td> </tr> <tr> <td>Brigham City, Utah</td> <td>01/20/2015</td> </tr> <tr> <td>Ogden, Utah</td> <td>01/20/2015</td> </tr> <tr> <td>Logan, Utah</td> <td>01/21/2015</td> </tr> <tr> <td>Farmington, Utah</td> <td>01/28/2015</td> </tr> <tr> <td>Provo, Utah</td> <td>01/29/2015</td> </tr> </tbody> </table> <p>Proposed <a href="#">text</a> is available for review. Comments due 02/02/2015.</p>	Location	Date	Tooele, Utah	01/14/2015	Salt Lake City, Utah	01/15/2015	Brigham City, Utah	01/20/2015	Ogden, Utah	01/20/2015	Logan, Utah	01/21/2015	Farmington, Utah	01/28/2015	Provo, Utah	01/29/2015	<a href="#">NASA-related operations in Utah</a> should be aware of this action.
Location	Date																					
Tooele, Utah	01/14/2015																					
Salt Lake City, Utah	01/15/2015																					
Brigham City, Utah	01/20/2015																					
Ogden, Utah	01/20/2015																					
Logan, Utah	01/21/2015																					
Farmington, Utah	01/28/2015																					
Provo, Utah	01/29/2015																					
UT121214-2	Air Control Equipment	12/08/2014	<a href="#">UDAQ Website</a>	Proposed Rule	<p>Utah Department of Environmental Quality; Division of Air Quality</p> <p>General Requirements: Tax Exemption for Air Pollution Control Equipment [R307-120]</p> <p>Proposes to <a href="#">amend</a> the existing rule to be consistent with newly passed House Bill 31, <i>Pollution Control Amendments</i>. Proposed amendments include:</p> <ul style="list-style-type: none"> <li>▪ A new section for rule applicability and rule definitions</li> <li>▪ Expanded requirements for an application to be consistent with the statute</li> <li>▪ The sections of "Review Period" and "Duty to Issue Certification" will be combined under a new section "Issuance of Certification"</li> <li>▪ The old sections of "Eligibility for Certification," "Conditions of Eligibility," and "Limitations on Certification" will be removed from the rule</li> <li>▪ The language of the sections on "Exemptions from Certifications" and "Appeal and Revocation" will be updated to be consistent with the statute.</li> </ul> <p>Proposed <a href="#">text</a> is available for review. Comments due 02/02/2015.</p>																	
UT121214-3	Waste Universal Waste	12/1/2014	<a href="#">UT Bull. Vol. 2014-24</a>	Notice	<p>Utah Department of Environmental Quality; Division of Solid and Hazardous Waste Standards for Universal Waste Management. [R315-16]</p> <p>Announces the five-year review and statement of continuation for R315-16. Effective 11/08/2014.</p>																	

## 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	Suggested Actions
VA121214-1	Air SIP	12/15/2014	<a href="#">31:8 VA.R. 527</a>	Proposed Rule	Virginia Department of Environmental Quality Proposed Revision to State Implementation Plan - Infrastructure  <a href="#">Proposes</a> revisions to Virginia's SIP to demonstrate compliance with the 2013 NAAQS for PM <sub>2.5</sub> . Comments due 01/14/2015.	
VA121214-2	Energy Wind	12/02/2014	<a href="#">79 FR 71446 HTML</a>   <a href="#">PDF</a>	Notice Meeting	Bureau of Ocean Energy Management, U.S. Department of the Interior  Environmental Assessment for Virginia Offshore Wind Technology Advancement Project on the Atlantic Outer Continental Shelf Offshore Virginia  Solicits comments on and announces a public information meeting for an environmental assessment on proposed wind-energy research activities offshore Virginia. Meeting scheduled for 12/17/2014 in Virginia Beach, Virginia. Comments due 01/02/2015.	
VA121214-3	Waste Solid Waste	12/15/2014	<a href="#">31:8 VA.R. 510-511</a>	Notice	Virginia Waste Management Board, Virginia Department of Environmental Quality  Solid Waste Management Regulations [9VAC20-81]  Announces availability of the following updated forms: <ul style="list-style-type: none"> <li>▪ Annual Report QA/QC Submission Checklist, DEQ <a href="#">Form ARSC-01</a> (revised 07/2011)</li> <li>▪ Solid Waste Management Facility Permit Applicant's Disclosure Statement, DEQ <a href="#">Form DISC-01</a> (revised 07/2012)</li> <li>▪ Solid Waste Management Facility Permit Applicant's Disclosure Statement–Key Personnel, DEQ <a href="#">Form DISC-02</a> (revised 07/2012)</li> <li>▪ Solid Waste Management Facility Disclosure Statement–Quarterly Update, DEQ <a href="#">Form DISC-03</a> (revised 07/2012)</li> <li>▪ Request for Certification (Local Government), DEQ <a href="#">Form SW-11-1</a> (revised 07/2011)</li> <li>▪ Special Waste Disposal Request, DEQ <a href="#">Form SWDR</a> (revised 01/2012)</li> <li>▪ Solid Waste Part A Application, DEQ <a href="#">Form SW PTA</a> (revised 03/2011)</li> <li>▪ Solid Waste Disposal Facility Part B Application, DEQ <a href="#">Form SW PTB</a> (revised 03/2011)</li> <li>▪ Solid Waste Information and Assessment Program–Reporting Table, <a href="#">Form DEQ 50-25</a> (with Statement of Economic Benefits Form and Instructions) (revised 11/2014)</li> <li>▪ Exempt Yard Waste Composting Annual Report, DEQ <a href="#">Form YW-2</a> (revised 07/2011)</li> <li>▪ Exempt Yard Waste Compost Facility–Notice of Intent and Certification, DEQ <a href="#">Form YW-3</a> (revised 07/2011)</li> </ul>	
VA121214-4	Waste Solid Waste	12/15/2014	<a href="#">31:8 VA.R. 510-511</a>	Notice	Virginia Waste Management Board, Virginia Department of Environmental Quality  Solid Waste Management Permit Action Fees [9VAC20-90]  Announces the following updated forms: <ul style="list-style-type: none"> <li>▪ Solid Waste Information and Assessment Program–Reporting Table, <a href="#">Form DEQ 50-25</a> (with Statement of Economic Benefits Form and Instructions) (revised 11/2014)</li> <li>▪ Solid Waste Annual Permit Fee Quarter Payment, Form PF001 (revised 07/2014)</li> </ul>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA121214-5	Water Water Quality	12/15/2014	<a href="#">31:8 V.A.R. 529-530</a>	Notice Meeting	Virginia Department of Environmental Quality 2014 Water Quality Assessment Integrated Report Announces availability of the Draft <a href="#">2014 Water Quality Assessment Integrated Report</a> . Comments due 01/30/2015. Public <a href="#">webinar</a> scheduled for 01/08/2015.	