



National Aeronautics and  
Space Administration

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

# Regulatory Tracking Summary

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**26 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

AAS = American Astronomical Society	mgd = Million gallons per day
AQIP = Air Quality Improvement Program	NAAQS = National Ambient Air Quality Standards
ARB = Air Resources Board	NASA = National Aeronautics and Space Administration
ARC = Ames Research Center	NEPA = National Environmental Protection Act
BAAQMD = Bay Area Air Quality Management District	NHTSA = National Highway Traffic Safety Administration
CAA = Clean Air Act	NOAA = National Oceanic and Atmospheric Administration
CAS = Chemical Abstracts Service Number	NO <sub>x</sub> = Nitrogen oxides
CCR = <i>California Code of Regulations</i>	NPDES = National Pollutant Discharge Elimination System
CEQ = Council of Environmental Quality	NSRL = No Significant Risk Level
CFR = <i>Code of Federal Regulations</i>	OAC = Ohio Administrative Code
CRNR = California Regulatory Notice Register	OEHHA = Office of Environmental Health Hazard Assessment
CVRP = Clean Vehicle Rebate Project	OSHA = Occupational Safety and Health Administration
DAPC = Division of Air Pollution Control	PCB = Polychlorinatedbiphenyl
DINP = Diisononyl phthalate	PBR = Permits by Rule
DOE = U.S. Department of Energy	PFOA = Perfluorooctanoic acid
DOL = U.S. Department of Labor	PPE = Personal protective equipment
DOT = U.S. Department of Transportation	ppm = Part(s) per million
DPR = Department of Pesticide Regulation	PR&G = Principles, Requirements, and Guidelines
ECHA = European Chemicals Agency	PSD = Prevention of Significant Deterioration
EKAPCD = Eastern Kern Air Pollution Control District	psi = Pound(s) per square inch
EO = Executive Order	PVC = Polyvinyl chloride
EP = Emergency Preparedness	REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
EPA = U.S. Environmental Protection Agency	RECLAIM = REgional CLean Air Incentives Market
EPFAQ = Emergency Preparedness Frequently Asked Questions	RIN = Regulatory Identification Number
EU = European Union	RMP = Risk Management Plan
F.A.C. = Florida Administrative Code	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
FAR = Florida Administrative Register	SCAQMD = South Coast Air Quality Management District
FDEP = Florida Department of Environmental Protection	SERC = State Emergency Response Commission Rules
FEMA = Federal Emergency Management Agency	SIP = State Implementation Plan
FEMP = Federal Energy Management Program	SJRWMD = St. John's River Water Management District
FIP = Federal Implementation Plan	SNUR = Significant New Use Rule
FR = <i>Federal Register</i>	SQE = State's Qualified Experts
FY = Fiscal year	SSFL = Santa Susana Field Laboratory
GDF = Gasoline Dispensing Facility	SVHC = Substance of Very High Concern
GGRF = Greenhouse Gas Reduction Fund	SWRCB = State Water Resources Control Board
GGRR = Greenhouse Gas Reporting Rule	TAC = Texas Administrative Code
GHG = Greenhouse gas	TBBPA = Tetrabromobisphenol-A
GSA = General Services Administration	TCEQ = Texas Commission on Environmental Quality
HAP = Hazardous air pollutant	TMDL = Total maximum daily load
HECT = Highly Reactive Volatile Organic Compound Emissions Cap and Trade	U.S. = United States
HVIP = Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project	U.S.C. = United States Code
I2SL = International Institute for Sustainable Laboratories	USGCRP = United States Global Change Research Program
IRIS = Integrated Risk Information System	UDAQ = Utah Department of Environmental Quality
JPL = Jet Propulsion Laboratory	VAC = Virginia Administrative Code
KSC = Kennedy Space Center	VA.R. = <i>Virginia Register</i>
LAC = Louisiana Administrative Code	VDEQ = Virginia Department of Environmental Quality
LaRC = Langley Research Center	VOC = Volatile organic compound
LR = <i>Louisiana Register</i>	WFF = Wallops Flight Facility
MECT = Mass Emissions Cap and Trade	
µg = micrograms	
mg = Milligram(s)	

## 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
FED122614-1	Air GHGs	12/24/2014	<a href="#">79 FR 77391 HTML</a>   <a href="#">PDF</a>	Final Rule Correction	U.S. Environmental Protection Agency Greenhouse Gas Reporting Program: Addition of Global Warming Potentials to the General Provisions and Amendments and Confidentiality Determinations for Fluorinated Gas Production; Correction [40 CFR Part 98]  Finalizes changes to the final rule ( <a href="#">79 FR 73749</a> , 12/11/2014), including editorial corrections to the general provisions for GHG reporting. Effective 01/01/2015. [RIN 2060-AR78]	
FED122614-2	Air HAPs	12/16/2014	<a href="#">79 FR 74656 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Completion of Requirement To Promulgate Emissions Standards [40 CFR Parts 60 and 63]  Proposes that EPA has met its obligations under the CAA to promulgate emission standards for source categories, accounting for no less than 90 percent of the combined emissions, for each of the following regulated HAPs identified in <a href="#">42 U.S.C. § 7412(c)(6)</a> : <ul style="list-style-type: none"> <li>▪ Alkylated lead compounds</li> <li>▪ Polycyclic organic matter</li> <li>▪ Mercury</li> <li>▪ Hexachlorobenzene</li> <li>▪ PCBs</li> <li>▪ 2,3,7,8-tetrachlorodibenzofurans</li> <li>▪ 2,3,7,8-tetrachlorodibenzo-p-dioxin</li> </ul> Comments due 02/17/2015. [RIN 2060-AS42]	
FED122614-3	Air NAAQS	12/17/2014	<a href="#">79 FR 75233 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency National Ambient Air Quality Standards for Ozone [40 CFR Parts 50, 51, 52, 53, and 58]  Proposes to revise both the primary and secondary Ozone NAAQS to a level within the range of 0.065 to 0.070 ppm. Also proposes changes to ozone monitoring seasons, testing and monitoring methods, and PSD permitting. Comments due 03/17/2015. [RIN 2060-AP38]  <a href="#">Additional information is available on EPA's website.</a>	<a href="#">NASA Centers</a> should be aware of this action.
FED122614-4	Emergency Preparedness Chemical Exposure	12/19/2014	<a href="#">79 FR 75826 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Department of Homeland Security Notice of Availability for the Patient Decontamination in a Mass Chemical Exposure Incident: National Planning Guidance for Communities  Announces the availability of a <a href="#">guidance document</a> that contains best practices for preparedness planning and conducting patient decontamination in the event of a mass chemical release.	
FED122614-5	Emergency Response	12/19/2015	<a href="#">79 FR 75845 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Nuclear Regulatory Commission Draft Emergency Preparedness Frequently Asked Questions  Solicits comments on EPFAQs related to the development and maintenance of EP programs. Comments due 01/20/2015.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED122614-6	Natural Resources Infrastructure - Water	12/24/2014	<a href="#">79 FR 77460 HTML   PDF</a>	Notice	Council on Environmental Quality Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies; Final Interagency Guidelines Announces availability of the <a href="#">revised PR&amp;G</a> , consisting of tools and resources to cut costs, accelerate project approvals, and support water infrastructure projects.	
FED122614-7	Natural Resources NEPA	12/23/2014	<a href="#">79 FR 76986 HTML   PDF</a>	Notice	Council on Environmental Quality Final Guidance for Effective Use of Programmatic NEPA Reviews Announces the availability of the <a href="#">final guidance</a> for programmatic NEPA reviews. The guidance is intended to: <ul style="list-style-type: none"> <li>Enhance the understanding of potential environmental impacts resulting from proposed large-scale federal actions</li> <li>Clarify planning scenarios in preparation for broad-scale, programmatic reviews</li> </ul> Effective 12/23/2014.	<a href="#">NASA Centers</a> should be aware of this action.
FED122614-8	Natural Resources NEPA-GHG	12/24/2014	<a href="#">79 FR 77801 HTML   PDF</a>	Notice	Council on Environmental Quality Revised Draft Guidance for Federal Departments and Agencies on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change in NEPA Reviews Announces the availability of <a href="#">revised draft guidance</a> for NEPA assessments to address GHG emissions and impacts on climate change. Comments due 02/23/2015.	<a href="#">NASA Centers</a> should be aware of this action.
FED122614-9	Policy	12/16/2014	<a href="#">79 FR 75039 HTML   PDF</a>	Notice	Executive Office of the President Amendments to Executive Orders 11030, 13653, and 13673 Announces amendments to certain Executive Orders, including editorial changes to <a href="#">EO 13653: Preparing the United States for the Impacts of Climate Change</a> .	
FED122614-10	Policy Regulatory Agenda	12/22/2014	<a href="#">79 FR 76455 HTML   PDF</a>	Notice	Regulatory Information Service Center Introduction to the Unified Agenda of Federal Regulatory and Deregulatory Actions Announces the availability of the semiannual regulatory agenda for fall 2014, which contains the plan and rulemaking agendas of certain federal entities. Provides updates regarding the following: <ul style="list-style-type: none"> <li>Regulations and major policies currently under development</li> <li>Reviews of existing regulations and major policies</li> <li>Rules and major policy development actions completed or cancelled since the last agenda</li> </ul> This edition of the FR contains the agendas for numerous federal agencies, including the following: <ul style="list-style-type: none"> <li><a href="#">NASA-79 FR 76783</a></li> <li><a href="#">EPA-79 FR 76771</a></li> <li><a href="#">DOI (FWS)-79 FR 76739</a></li> <li><a href="#">DOL (OSHA)-79 FR 76745</a></li> <li><a href="#">DOT-79 FR 76863</a></li> <li><a href="#">GSA-79 FR 76795</a></li> </ul>	
FED122614-11	Occupational Safety	12/23/2014	<a href="#">79 FR 76897 HTML   PDF</a>	Final Rule Correction	Occupational Health and Safety Administration Standards Improvement Project-Phase III [29 CFR Part 1910] Announces minor corrections to design and construction requirements for workplace exit routes.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions																
FED122614-12	Toxic Substances	12/15/2014	<a href="#">79 FR 74093 HTML</a>   <a href="#">PDF</a>	Notice	<p>U.S. Department of Health and Human Services Availability of Draft Toxicological Profiles</p> <p>Solicits comments on the <a href="#">Set 26 Toxicological Profiles</a> and requests additional information or reports on studies about the health effects of the following substances:</p> <table border="1"> <thead> <tr> <th>Substance</th> <th>CAS</th> </tr> </thead> <tbody> <tr> <td>Trichloroethylene</td> <td>79-01-6</td> </tr> <tr> <td>Tetrachloroethylene</td> <td>127-18-4</td> </tr> <tr> <td>Hydrogen Sulfide/Carbonyl Sulfide</td> <td>7783-06-4 463-58-1</td> </tr> <tr> <td>Parathion</td> <td>56-38-2</td> </tr> </tbody> </table> <p>Comments due 03/16/2015.</p>	Substance	CAS	Trichloroethylene	79-01-6	Tetrachloroethylene	127-18-4	Hydrogen Sulfide/Carbonyl Sulfide	7783-06-4 463-58-1	Parathion	56-38-2							
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FED122614-13	Toxic Substances IRIS	12/15/2014	<a href="#">79 FR 74082 HTML</a>   <a href="#">PDF</a>	Notice Meeting	<p>U.S. Environmental Protection Agency</p> <p>Announcement of the IRIS Bimonthly Public Science Meeting Calendar for 2015</p> <p>Announces the availability of the <a href="#">schedule</a> for IRIS Program public meetings through 2015.</p>																	
FED122614-14	Toxic Substances SNURs	12/16/2014	<a href="#">79 FR 74639 HTML</a>   <a href="#">PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Ethylene Glycol Ethers; Significant New Use Rule [40 CFR Parts 9 and 721]</p> <p>Finalizes SNURs for the following substances:</p> <table border="1"> <thead> <tr> <th>Substance</th> <th>CAS</th> </tr> </thead> <tbody> <tr> <td>Monoethylene glycol dimethyl ether</td> <td>110-71-4</td> </tr> <tr> <td>Diethylene glycol dimethyl ether</td> <td>111-96-6</td> </tr> <tr> <td>Ethylene glycol diethyl ether</td> <td>629-14-1</td> </tr> <tr> <td>Diethylene glycol diethyl ether</td> <td>56-38-2</td> </tr> <tr> <td>Triethylene glycol dimethyl ether</td> <td>112-49-2</td> </tr> <tr> <td>Diethylene glycol dibutyl ether</td> <td>112-73-2</td> </tr> <tr> <td>Triethylene glycol dibutyl ether</td> <td>63512-36-7</td> </tr> </tbody> </table> <p>Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for use in activities designated in the rule as "significant new uses." Effective 02/17/2015. [RIN 2070-AJ52]</p>	Substance	CAS	Monoethylene glycol dimethyl ether	110-71-4	Diethylene glycol dimethyl ether	111-96-6	Ethylene glycol diethyl ether	629-14-1	Diethylene glycol diethyl ether	56-38-2	Triethylene glycol dimethyl ether	112-49-2	Diethylene glycol dibutyl ether	112-73-2	Triethylene glycol dibutyl ether	63512-36-7	
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FED122614-15	Toxic Substances SNURs	12/17/2014	<a href="#">79 FR 75111 HTML</a>   <a href="#">PDF</a>	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Proposed Revocation of Significant New Uses of Metal Salts of Complex Inorganic Acids [40 CFR Part 721]</p> <p>Proposes to revoke SNURs for two metal salts of complex inorganic oxyacids, P-89-576 and P-89-577, as published in <a href="#">40 CFR 721</a>. Comments due 01/16/2015. [RIN 2070-AB27]</p>																	
FED122614-16	Toxic Substances SNURs	12/23/2014	<a href="#">79 FR 76900 HTML</a>   <a href="#">PDF</a>	Notice Withdrawal	<p>U.S. Environmental Protection Agency</p> <p>Significant New Use Rules on Certain Chemical Substances; Withdrawal [40 CFR Parts 9 and 721]</p> <p>Announces the withdrawal of SNURs promulgated for 30 substances in a previously issued direct final rule (<a href="#">79 FR 51899</a>, 09/02/2014). Effective 12/26/2014. [RIN 2070-AB27]</p>																	

## 1.2 Other News and Developments

### 1.2.1 Public Hearings on Proposed Ozone Standards

EPA recently [announced](#) a series of public hearings to discuss the proposed updates to the National Ambient Air Quality Standards (NAAQS) for ground-level ozone. EPA recently proposed to reduce the NAAQS for ozone to a level within a range between 65 to 70 parts per billion ([79 FR 75233](#), 12/17/2014). The public hearings are scheduled for the following dates and locations:

Date	Location
01/29/2015	Arlington, Texas
01/29/2015	Washington, D.C.
02/02/2015	Sacramento, California

### 1.2.2 USGCRP Annual Report to Congress

The U.S. Global Change Research Program (USGCRP) recently [announced](#) the availability of the Fiscal Year (FY) 2015 edition of "[Our Changing Planet](#)," its annual report to the U.S. Congress. USGCRP integrates the research of 13 federal departments and agencies to assist in assessing, predicting, and responding to global changes in the environment. The report outlines federal global change research activities and displays recent research highlights. Specific examples provided in this edition include:

- Increased satellite-based climate data
- Modeling climate impacts on agriculture and the economy
- Forecasting near-term climate

### 1.2.3 Arctic Report Card 2014

On 17 December 2014, the National Oceanic and Atmospheric Administration (NOAA) [announced](#) the availability of the [Arctic Report Card 2014](#). The NOAA-led report states that air temperatures in the Arctic are increasing at twice the rate of global air temperatures, a phenomenon referred to as Arctic amplification. Key observations in the report include:

- Increasing air and sea surface temperatures
- Declining reflectivity at the surface of the Greenland ice sheet
- Shrinking spring snow cover on land and summer ice on the ocean
- Declining populations and health of polar bears

### 1.2.4 European Chemical Agency Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals ([REACH](#)), the European Chemicals Agency ([ECHA](#)) recently [added](#) six Substances of Very High Concern ([SVHCs](#)) to the [Candidate List for Authorisation](#), bringing the total number of SVHCs to 161. Substances on the SVHC Candidate List are eligible to be considered for inclusion in REACH Annex XIV, [Authorisation](#). Substances added to Annex XIV require special authorization for continued manufacture and use in the EU after an assigned "sunset date." The new substances identified as SVHCs and added to the Candidate List for Authorisation are provided in the following table:

Substance Name	CAS Number	Common Uses of Substance
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	UV absorber; light stabilization in plastics
Cadmium fluoride	7790-79-6	Electronics

Substance Name	CAS Number	Common Uses of Substance
Cadmium sulfate	10124-36-4; 31119-53-6	Chemical synthesis, metals
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	PVC Processing
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (MOTE)	15571-58-1; 27107-89-7	PVC Processing
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	UV absorber; light stabilization in plastics

In addition, ECHA has launched a public [consultation](#) regarding its proposal to add perfluorooctanoic acid (PFOA) and PFOA-related 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. Comments are due 17 June 2015.

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

### 1.2.5 Federal Building Metering Guidance

The U.S. Department of Energy's (DOE's) Federal Energy Management Program (FEMP) recently released the "[Federal Building Metering Guidance](#)." The guidance document discusses the following topics:

- Which federal buildings are appropriate to meter
- Metering prioritization
- Implementation plan applicability and requirements

Additional information is available on the FEMP metering [website](#).

### 1.2.6 Bulletins Live! Two

EPA recently released [Bulletins Live! Two](#), which is an interactive mapping tool that shows Endangered Species Protection Bulletins or geographically specific pesticide use limitations. When referenced on a pesticide label, Bulletins are enforceable use limitations under the Federal Insecticide, Fungicide, and Rodenticide Act. The tool allows users to find Pesticide Use Limitation Areas for all pesticides or specific pesticide products and constituents for user-selected future months. Additional information is available on the EPA [website](#).

### 1.2.7 Updated Draft Alternatives Assessment of Flame Retardants in Printed Circuit Boards

On 15 December 2014, EPA announced the availability of the "[Updated Alternatives Assessment for the Partnership to Evaluate Flame Retardants in Printed Circuit Boards](#)," which presents potential environmental and human health impacts of flame retardants used in circuit boards for electronic products, including cell phones and computers. Specifically, the report provides updated human health and environmental information on flame retardant alternatives to tetrabromobisphenol-A (TBBPA), which is the most commonly used flame retardant in printed circuit boards in electronics. Additional information is on EPA's Design for the Environment [website](#).

### 1.2.8 Product Performance Standards and Ecolabels for Voluntary Use in Federal Procurement

EPA recently announced availability of the [response to comments](#) received on the [Draft Guidelines for Product Environmental Performance Standards and Ecolabels for Voluntary Use in Federal Procurement](#). The purpose of the guidelines is to help federal agencies identify private sector standards and ecolabels and purchase environmentally preferable products. EPA also announced the [next steps](#) for the guidelines, which will involve a pilot test program for the following sectors:

- Building paints/coatings/removers
- Building flooring
- Furniture

### 1.2.9 Climate Change Data Challenge

NASA and the U.S. Geological Survey recently launched the [Climate Resilience Data Challenge](#) to solicit ideas for ways to use NASA's climate data to address vulnerabilities in the United States' resilience to climate change. The challenge will take place in three phases:

- Ideation: data-driven application pitches
- Storyboarding
- Prototyping

The challenge runs from 15 December 2014 through 15 March 2015.

### 1.2.10 Nutrient Sensor Challenge

The White House Office of Science and Technology Policy [announced](#) the [Nutrient Sensor Challenge](#), which is an innovation competition to develop affordable, accurate, and reliable nutrient sensors. Nitrogen and phosphorus are essential nutrients. However, too much of these nutrients in waterways can be harmful to ecosystems and human health. The challenge invites all interested parties to register and participate in the development of new sensors that meet the following requirements:

- Accurate over-concentration ranges commonly observed
- Autonomous, remote deployment of at least 3 months
- Cost of \$5,000 or less
- Commercially available by 2017

[Registration](#) is open until 16 March 2015.

## 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
CA122614-1	Air AQIP	12/12/2014	<a href="#">ARB Website</a>	Notice Workshop	<p>California Air Resources Board</p> <p>Second Public Workshop on Development of the Fiscal Year 2015-16 Funding Plan for the Air Quality Improvement Program and Low Carbon Transportation Greenhouse Gas Reduction Fund Investments</p> <p><a href="#">Announces</a> a second public workshop to discuss development of the FY 2015-2016 Funding Plan for the AQIP and Low Carbon Transportation GGRF Investments. During this workshop, ARB will solicit input on the following:</p> <ul style="list-style-type: none"> <li>▪ Project categories to be funded</li> <li>▪ Initial CVRP, HVIP, and Truck Loan Assistance Program projections for FY 2015-2016 funding</li> <li>▪ Approaches for limiting CVRP consumer eligibility by income and incrementally phasing down rebate levels</li> <li>▪ Development of a mechanism for investing GGRF funds in heavy-duty vehicle and equipment projects</li> </ul> <p>Public workshop is scheduled for 01/23/2015 in Sacramento, California, and will be available via <a href="#">webcast</a>.</p>	
CA122614-2	Air GDFs	12/19/2014	<a href="#">CRNR 2014, 51z, p. 2041</a>	Final Rule	<p>California Air Resources Board</p> <p>Resubmittal for Vapor Recovery Systems at GDFs and Cargo Tanks [17 CCR 94014 and 94016]</p> <p>Adopts <a href="#">amendments</a> that:</p> <ul style="list-style-type: none"> <li>▪ Correct test procedures used to certify vapor recovery equipment for aboveground storage tanks</li> <li>▪ Reconcile cargo tank certification and test procedures with current industry practices</li> <li>▪ Provide additional flexibility for cargo tank owners to remain in compliance with performance standards</li> </ul> <p>Effective 04/01/2015.</p> <p><a href="#">Additional information is available on the ARB website.</a></p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA122614-3	Air Vehicles	12/19/2014	<a href="#">CRNR 2014, 51z, p. 2041</a>	Final Rule	<p>California Air Resources Board</p> <p>Heavy Duty GHG Phase 1 [13 CCR 1900, 1956.8, 2036-2037, 2112, 2139-2140, 2147, and 2485 and 17 CCR 95300-95303, 95305, and 95660-95664]</p> <p>Aligns California, EPA, and NHTSA rules regarding GHG emissions and fuel economy standards for medium and heavy-duty vehicles by:</p> <ul style="list-style-type: none"> <li>Establishing optional low NO<sub>x</sub> emission standards</li> <li>Extending liability for violations of diesel-fueled engine idling regulations to vehicle owners, not just vehicle drivers</li> <li>Expanding the definition of "restricted area" for purposes of idling prohibitions</li> </ul> <p>Effective 01/01/2015.</p> <p><b>Additional information is available on the ARB website.</b></p>	
CA122614-4	Emergency Planning	12/17/2014	<a href="#">79 FR 75169 HTML   PDF</a>	Final Rule	<p>Federal Emergency Management Agency</p> <p>Final Flood Hazard Determinations</p> <p>Finalizes revisions to the <a href="#">flood hazard determinations</a> for various locations, including Ventura County, California. Effective 01/07/2015.</p> <p><b>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.</b></p>	<b>SSFL</b> should be aware of this action.
CA122614-5	Pesticides	12/26/2014	<a href="#">CRNR 2014, 52z, p. 2057</a>	Proposed Rule	<p>Department of Pesticide Regulation</p> <p>Closed Mixing Systems [3 CCR 6000, 6188, 6742, 6746, and 6793]</p> <p>Proposes a tiered mitigation scheme to establish performance-based closed mixing system and PPE requirements. In addition, DPR proposes to change the warning label on pesticides from "Danger" to "Human Hazard and Precautionary Statements." Comments due 02/09/2015.</p>	
CA122614-6	Toxic Substances Proposition 65	12/26/2014	<a href="#">CRNR 2014, 52z, p. 2105</a>	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Known to the State to Cause Cancer or Reproductive Toxicity</p> <p>Announces availability of the updated <a href="#">list</a> of substances known to the state to cause cancer or reproductive toxicity.</p>	
CA122614-7	Toxic Substances Proposition 65– Dibenzanthracenes	12/26/2014	<a href="#">CRNR 2014, 52z, p. 2104</a>	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Known to the State of California to Cause Cancer: Dibenzanthracenes, Dibenz[a,c]anthracene, and Dibenz[a,j]anthracene [27 CCR 25305]</p> <p>Finalizes the addition of the following substances to the list of chemicals known to the state to cause cancer under the SQE listing mechanism:</p> <ul style="list-style-type: none"> <li>Dibenzanthracenes (as a chemical group)</li> <li>Dibenz[a,c]anthracene</li> <li>Dibenz[a,j]anthracene</li> </ul> <p>Effective 12/26/2014.</p> <p><b>Dibenzanthracenes are polycyclic aromatic hydrocarbons that can occur as combustion byproducts. Additional information is available on the OEHHA website.</b></p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA122614-8	Toxic Substances Proposition 65–DINP	12/19/2014	<a href="#">OEHHA Website</a>	Proposed Rule	Office of Environmental Health Hazard Assessment Proposed No Significant Risk Level for Diisononyl Phthalate [27 CCR 25705] Proposes a NSRL of 146 µg/day for DINP. Comments due 02/17/2015. <b>DINP is commonly used as a plasticizer in polymer products.</b>	
CA122614-9	Toxic Substances Proposition 65–N-nitrosomethyl-n-alkylamines	12/26/2014	<a href="#">CRNR 2014, 52z, p. 2104</a>	Final Rule	Office of Environmental Health Hazard Assessment Chemicals Known to the State of California to Cause Cancer: N-nitrosomethyl-n-alkylamines [27 CCR 25305] Finalizes the addition of several N-nitrosomethyl-n-alkylamines to the list of chemicals known to the state to cause cancer under the SQE listing mechanism.: Effective 12/26/2014. <b>N-nitrosomethyl-n-alkylamines may be unintended constituents of cleaning formulations and other products. They are formed by the reaction of nitrates with amine compounds. Additional information is available on the OEHHA website.</b>	
CA122614-10	Water NPDES	12/19/2014	<a href="#">SWRCB Website</a>	Notice Hearing	California Regional Water Quality Control Board - Los Angeles Region Proposed Reissuance of Waste Discharge Requirements <b>Announces</b> the proposed reissuance of the Boeing Company's NPDES Permit, which limits wastes discharged from SSFL to 187 mgd of storm water runoff and 0.144 mgd of treated groundwater. Public hearing is scheduled for 02/12/2015 in Los Angeles, California. Comments due 01/08/2015. <b>The regulated discharge from SSFL is composed primarily of treated groundwater and storm water runoff that traverses the site.</b>	<b>SSFL</b> should be aware of this action.

## 2.2.1 NASA Drought Research

On 16 December 2014, a team of scientists at NASA's Jet Propulsion Laboratory [announced](#) findings from a recent study suggesting it could take approximately 11 trillion gallons of water to recover from California's ongoing drought. The estimate was developed using satellite data obtained from NASA's [Gravity Recovery and Climate Experiment](#). The team states that although recent storms have been beneficial, it is likely to take more big storms over multiple years for California to recover from the drought.

## 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 [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	Suggested Actions
CAB122624-1	Air	12/17/2014	<a href="#">BAAQMD Website</a>	Notice	Bay Area Air Quality Management District 2015 Regulatory Measures List <a href="#">Announces</a> availability of the 2015 Regulatory Measures List identifying the regulations that BAAQMD intends to propose amending in the upcoming calendar year.	

### 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
CAS122614-1	Air Open Burning	12/19/2014	<a href="#">EKAPCD Website</a>	Notice	Eastern Kern Air Pollution Control District Notice Open Burn Season Announces that open burn season began on 12/19/2014.	
CAS122614-2	Air	12/19/2014	<a href="#">EKAPCD Website</a>	Notice	Eastern Kern Air Pollution Control District Notice of Winter "Desert Breeze" Newsletter Announces availability of the winter issue of the <a href="#">Desert Breeze</a> newsletter covering local air monitoring and the rule development process.	
CAS122614-3	Air	12/24/2014	<a href="#">EKAPCD Website</a>	Notice	Eastern Kern Air Pollution Control District Notice of Regulatory Control Measures for Eastern Kern Air Pollution Control District Announces availability of the <a href="#">list of regulatory control measures</a> to be considered in 2015.	

### 2.2.2.4 Mojave Desert Air Quality Management District

No regulatory items of interest were identified during this reporting period for [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
CAS122624-1	Air RECLAIM	12/22/2014	<a href="#">SCAQMD Website</a>	Proposed Rule Hearing	South Coast Air Quality Management District NO <sub>x</sub> RECLAIM Non-Refinery Preliminary Cost Effectiveness [Regulation XX] Announces availability of <a href="#">cost effectiveness summaries</a> for non-refinery equipment that includes internal combustion engines, boilers, and other equipment units. <a href="#">Public hearings</a> are scheduled for 01/07/2015, 01/08/2015, and 03/06/2015 in Diamond Bar, California. Comments due 01/16/2015.	<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 [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
FL122614-1	Air	12/17/2014	<a href="#">FAR Notice #15377524</a>	Proposed Rule	<p>Department of Environmental Protection Air Pollution Control, Federal Regulations Adopted by Reference [Chapter 62-204.800, F.A.C.]</p> <p>Proposes to update adoption-by-reference of air pollution regulations to incorporate requirements of FDEP's air pollution programs. Proposed rule <a href="#">text</a> is available for review. Comments due 01/07/2015.</p>	
FL122614-2	Commercial Space Transportation	12/15/2014	<a href="#">79 FR 74016 HTML</a>   <a href="#">PDF</a>	Final Rule	<p>Federal Aviation Administration Amendment of Restricted Area Boundary Descriptions; Cape Canaveral, Florida [14 CFR Part 73]</p> <p>Finalizes actions that will make minor updates to certain latitude/longitude coordinates in the boundary descriptions of the following restricted areas at Cape Canaveral, Florida:</p> <ul style="list-style-type: none"> <li>▪ <a href="#">R-2932</a></li> <li>▪ <a href="#">R-2933</a></li> <li>▪ <a href="#">R-2934</a></li> <li>▪ <a href="#">R-2935</a></li> </ul> <p>Exclusionary wording that no longer applies will also be removed from the R-2933 description. Effective 03/05/2015. [RIN 2120-AA66]</p> <p><b>The updates are required based on more accurate digital plotting of points that revealed minor mismatches between adjacent boundaries.</b></p>	<b>KSC</b> should be aware of this action.
FL122614-3	Emergency Planning	12/17/2014	<a href="#">79 FR 75166 HTML</a>   <a href="#">PDF</a>	Final Rule	<p>Federal Emergency Management Agency Changes in Flood Hazard Determinations</p> <p>Finalizes revisions to <a href="#">flood hazard determinations</a> for Brevard County, Florida. Effective 09/11/2014.</p> <p><b>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.</b></p>	<b>KSC</b> should be aware of this action.
FL122614-4	Water SJRWMD	12/24/2014	<a href="#">FAR Notices #15470838; #15471420</a>	Notice Workshop	<p>St. John's River Water Management District 2015-2016 Cost-Share Funding Program</p> <p>Announces workshops to discuss the fiscal year 2015-2016 cost-share funding program. Workshops are scheduled for 01/07/2015 in Jacksonville, Florida, and 01/08/2015 in Palm Bay, Florida.</p> <p><b>Additional information is available at the SJRWMD website.</b></p>	
FL122614-5	Water Wetlands	12/23/2014	<a href="#">FAR Notice #15460750</a>	Final Rule	<p>Department of Environmental Protection Wetland Resource Forms [Chapter 62-312.900, F.A.C.]</p> <p>Finalizes repeal of obsolete dredge and fill rule and six associated forms. Effective 01/05/2015.</p>	<b>KSC</b> should be aware of this action.

## 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
LA122614-1	Natural Resources Coastal Use	12/20/2013	<a href="#">40:12 LR 2595</a>	Final Rule	Louisiana Department of Natural Resources Office of Coastal Management Coastal Use Permits [LAC 43:1.723] <a href="#">Finalizes</a> changes to the coastal use permits rule to remove obsolete requirements in the permitting process. Effective 12/20/2014.	
LA122614-2	Natural Resources Coastal Mitigation	12/20/2013	<a href="#">40:12 LR 2594</a>	Final Rule	Louisiana Department of Natural Resources Office of Coastal Management Coastal Mitigation [LAC 43:1.724] <a href="#">Finalizes</a> amendments to the coastal mitigation rule to provide information on how account contribution amounts are derived. Effective 12/20/2014.	

## 2.5 Maryland State Regulatory Review

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

## 2.6 Mississippi State Regulatory Review

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

## 2.7 New Mexico State Regulatory Review

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

## 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
OH122614-1	Air RMP	12/16/2014	<a href="#">DAPC-What's New</a>	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency Accidental Release Prevention Program Rules [OAC 3745-104] <a href="#">Announces</a> availability of a draft <a href="#">Business Impact Analysis</a> , which summarizes the results of the DAPC's review of the RMP program rules. Resulting findings indicate that these rules remain necessary, with no proposed changes. Comments due 01/16/2015.	
OH122614-2	Hazardous Materials Emergency Response	12/15/2014	<a href="#">DAPC-What's New</a>	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency State Emergency Response Commission Rules [OAC 3745-10, 3745-20, 3745-75] <a href="#">Finalizes</a> revisions to SERC administrative rules. Effective 12/25/2014.	

## 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	Suggested Actions
TX122614-1	Air SIP	12/26/2014	<a href="#">39 TexReg 10186</a>	Proposed Rule Hearing	<p>Texas Commission on Environmental Quality General Air Quality Rules [30 TAC 101]</p> <p>Proposes the following amendments to Subchapter H, Emissions Banking and Trading, as part of the Texas SIP:</p> <ul style="list-style-type: none"> <li>Removes rules that allow both area sources and mobile sources to generate credits</li> <li>Expands MECT and HECT rules</li> <li>Streamlines and clarifies text and makes various other administrative changes</li> </ul> <p>Public hearing is scheduled for 01/15/2015 in Arlington, Texas. Comments due 01/30/2015.</p>	
TX122614-2	Pesticides	11/21/2014	<a href="#">39 TexReg 9139</a>	Proposed Rule	<p>Texas Department of Agriculture Chapter 7. Pesticides [4 TAC 7]</p> <p>Proposes the following amendments concerning use and application of pesticides:</p> <ul style="list-style-type: none"> <li>Update definitions, nomenclature, references, and fees</li> <li>Clarify and revise licensing and record-keeping requirements for pesticide applicators</li> <li>Update the list of State-Limited-Use pesticides</li> <li>Classify specific methods of use of pesticides</li> </ul>	

### 2.9.1 Expedited Air Permitting

The Texas Commission on Environmental Quality (TCEQ) has announced that as of 18 December 2014, expedited air permitting is available for Permits by Rule (PBRs) and Standard Permits, which do not require notice, through the [ePermits system](#). Applicants are required to use the ePermits process if they choose to use the initial expedited permitting program to expedite the processing of an application for a PBR or Standard Permit without notice.

## 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	Suggested Actions
UT122614-1	Air Open Burning	12/16/2014	<a href="#">UDAQ Website</a>	Notice	<p>Utah Department of Environmental Quality; Division of Air Quality Open Burn Permit Application [R307-202]</p> <p>Announces availability of the <a href="#">Open Burn Permit Application</a> online form.</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
VA122614-1	Air	12/22/2014	<a href="#">VDEQ website</a>	Proposed Rule	State Air Pollution Control Board, Virginia Department of Environmental Quality General Definitions [9VAC10] <a href="#">Proposes</a> to revise the list of substances not considered to be VOCs to include trans-1-chloro-3,3,3-trifluoroprop-1-ene and 2,3,3,3-tetrafluoropropene. Comments due 02/11/2015.	
VA122614-2	Emergency Planning	12/17/2014	<a href="#">79 FR 75170 HTML</a>   <a href="#">PDF</a>	Notice	Federal Emergency Management Agency, Department of Homeland Security Proposed Flood Hazard Determinations Solicits comments on proposed <a href="#">flood hazard determinations</a> in Hampton, Virginia. Comments due 03/17/2015.  <b>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.</b>	<b>LaRC</b> should be aware of this action.
VA122614-3	Natural Resources Noxious Weeds	12/29/2014	<a href="#">31:9 VA.R. 536-538</a>	Final Rule	Board of Agriculture and Consumer Services, Virginia Department of Agriculture Regulations for the Enforcement of the Noxious Weed Law [2VAC5-317] Finalizes amendments pertaining to the noxious weed law to include the following: <ul style="list-style-type: none"> <li>Establishes a two-tier list of plants deemed to be noxious weeds</li> <li>Prohibits movement of noxious weeds into or within the Commonwealth of Virginia</li> <li>Identifies eradication activities for certain noxious weeds</li> <li>Establishes the Noxious Weeds Advisory Committee</li> </ul> Effective 01/29/2015.	
VA122614-4	Pesticides	12/29/2014	<a href="#">31:9 VA.R. 534</a>	Proposed Rule	Board of Agriculture and Consumer Services, Virginia Department of Agriculture Regulations Governing Pesticide Applicator Certification under Authority of Virginia Pesticide Control Act [92VAC5-685] Proposes to amend certification requirements for pesticide applicators and to clarify language to reflect current program practices. Comments due 01/28/2015.	
VA122614-5	Species Administrative	12/29/2014	<a href="#">31:9 VA.R. 538-539</a>	Final Rule	Board of Game and Inland Fisheries, Virginia Department of Conservation and Natural Resources Definitions and Miscellaneous: In General [4VAC15-20] Updates the referenced year for the "List of Native and Naturalized Fauna of Virginia." Effective 01/01/2015.	
VA122614-6	Species Fire Ants	12/19/2014	<a href="#">Virginia Town Hall Website</a>	Notice	Virginia Department of Agriculture Virginia Imported Fire Ant Quarantine for Enforcement of the Virginia Pest Law [2VAC5-315] Announces periodic review to determine whether the regulation should be repealed, amended, or retained in its current form. Comments due 02/02/2015.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA122614-7	Species Fish	12/29/2014	<a href="#">31:9 VA.R. 539-540</a>	Final Rule	Board of Game and Inland Fisheries, Virginia Department of Conservation and Natural Resources Definitions and Miscellaneous: Importation, Possession, Sale, Etc., of Animals [4VAC15-30] Finalizes amendment to prohibit the use of tagging equipment on fish for personal information or research unless specifically permitted by law or regulation. Effective 01/01/2015.	
VA122614-8	Waste Hazardous Waste	12/10/2014	<a href="#">VDEQ website</a>	Notice	Virginia Department of Environmental Quality Emergency Permit to Manage Hazardous Waste <a href="#">Solicits</a> comments on WFF's emergency permit to manage contained gaseous nitrogen (8000 psi) and zirconium/potassium perchlorate (114 mg). Comments due 01/10/2015.	<a href="#">WFF</a> should be aware of this action.
VA122614-9	Water Nutrients	12/29/2014	<a href="#">31:9 VA.R. 558-587</a>	Proposed Rule Hearing	State Water Control Board, Virginia Department of Environmental Quality Certification of Nonpoint Source Nutrient Credits [9VAC25-900] Proposes to establish a process for the certification of nonpoint source nitrogen and phosphorus nutrient credits. Public hearings scheduled for 02/11/2015 in Glen Allen, Virginia, and 02/12/2015 in Roanoke, Virginia. Comments due 03/16/2015.	
VA122614-10	Water Water Quality	12/22/2014	<a href="#">Virginia Town Hall Website</a>	Notice	Virginia Department of Environmental Quality Citizen Nomination of State Surface Waters for Inclusion in Annual Water Quality Monitoring Plan Announces request for nominations of surface water bodies for inclusion in Virginia's water quality monitoring plan. Nominations due 04/30/2015.	

### 2.11.1 Coastal Zone Management Program

On 02 December 2014, Virginia's governor signed an [executive order](#) that continues Virginia's Coastal Zone Management [Program](#).