



National Aeronautics and  
Space Administration

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

# Regulatory Tracking Summary

---

**16 October 2015**

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

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

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

# Contents of This Issue

<b>Acronyms and Abbreviations</b>	<b>3</b>
<b>1.0 U.S. Federal Regulatory Review</b>	<b>4</b>
1.1 Federal Register Summary	4
1.2 Other News and Developments	6
1.2.1 Refrigerant Management Program Update	6
1.2.2 Annual GHG and Sustainability Data Report	6
1.2.3 DOE Report on Regional Vulnerability to Climate Change	6
1.2.4 European Chemicals Agency Updates	6
1.2.5 2030 Agenda for Sustainable Development	7
1.2.6 International Forum for Aviation Research Summit	7
1.2.7 ChemView Updates	7
1.3 NASA Regulatory Communication Working Group Updates	7
<b>2.0 State Regulatory Reviews</b>	<b>8</b>
2.1 Alabama State Regulatory Review	8
2.1.1 27th Annual Nonpoint Source Conference	8
2.2 California State Regulatory Review	8
2.2.1 Senate Bill 350	9
2.2.2 California Air Districts Regulatory Review	9
2.2.2.1 Antelope Valley Air Quality Management District	9
2.2.2.2 Bay Area Air Quality Management District	9
2.2.2.3 Eastern Kern Air Pollution Control District	9
2.2.2.4 Mojave Desert Air Quality Management District	9
2.2.2.5 South Coast Air Quality Management District	9
2.2.2.6 Ventura County Air Pollution Control District	10
2.3 Florida State Regulatory Review	10
2.4 Louisiana State Regulatory Review	10
2.5 Maryland State Regulatory Review	11
2.6 Mississippi State Regulatory Review	11
2.7 New Mexico State Regulatory Review	11
2.8 Ohio State Regulatory Review	11
2.9 Texas State Regulatory Review	12
2.10 Utah State Regulatory Review	13
2.11 Virginia State Regulatory Review	13

## Acronyms and Abbreviations

AQ = Air Quality	PDARP = Programmatic Damage Assessment and Restoration Plan
ATSDR = Agency for Toxic Substances and Disease Registry	PEIS = Programmatic Environmental Impact Statement
BARCT = Best Available Retrofit Control Technology	PHMSA = Pipeline and Hazardous Materials Safety Administration
CalRecycle = California Department of Resources Recycling and Recovery	PM <sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
CAS = Chemical Abstract Service	RACT = Reasonably Available Control Technology
CCR = <i>California Code of Regulations</i>	RATA = Relative Accuracy Test Audits
CFATS = Chemical Facility Anti-Terrorism Standards	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
CFR = <i>Code of Federal Regulations</i>	RECLAIM = Regional Clean Air Incentives Market
COMAR = <i>Code of Maryland Regulations</i>	RIN = Regulatory Identification Number
CRNR = California Regulatory Notice Register	RoC = Report on Carcinogens
CTL = Cleanup Target Level	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
DAPC = Division of Air Pollution Control	RTC = RECLAIM Trading Credit
DDAGW = Division of Drinking and Ground Waters	SCAQMD = South Coast Air Quality Management District
DOE = U.S. Department of Energy	SO <sub>2</sub> = Sulfur dioxide
DSW = Division of Surface Water	SIP = State Implementation Plan
EPA = U.S. Environmental Protection Agency	SSC = Stennis Space Center
EU = European Union	SVHC = Substance of Very High Concern
F.A.C. = Florida Administrative Code	TDS = Total dissolved solids
FAR = Florida Administrative Register	TexReg = <i>Texas Register</i>
FEMA = Federal Emergency Management Agency	TPDES = Texas Pollution Discharge Elimination System
FR = <i>Federal Register</i>	TSCA = Toxic Substances Control Act
FY = Fiscal year	UN = United Nations
GHG = Greenhouse gas	UNSCEGHS = United Nations Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals
GRC = Glenn Research Center	UNSCOE TDG = United Nations Sub-Committee of Experts on the Transport of Dangerous Goods
IFAR = International Forum for Aviation Research	U.S. = United States
JSC = Johnson Space Center	UT = Utah
LAC = Louisiana Administrative Code	VAC = Virginia Administrative Code
MAF = Michoud Assembly Facility	VA.R. = <i>Virginia Register</i>
MDE = Maryland Department of the Environment	VPDES = Virginia Department of Environmental Quality
Md.R. = <i>Maryland Register</i>	VOC = Volatile organic compounds
NAAQS = National Ambient Air Quality Standard	WQ = Water Quality
NASA = National Aeronautics and Space Administration	
NEPA = National Environmental Policy Act	
NOAA = National Oceanic and Atmospheric Administration	
NO <sub>x</sub> = Nitrogen oxides	
NPS = Nonpoint Source	
NSR = New Source Review	
OAC = Ohio Administrative Code	
OHAT = Office of Health Assessment and Translation	
OSHA = Occupational Safety and Health Administration	
PBS = Plum Brook Station	

# 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								
FED101615-1	Biotechnology	10/06/2015	<a href="#">80 FR 60414 HTML</a>   <a href="#">PDF</a>	Notice	Office of Science and Technology Policy Clarifying Current Roles and Responsibilities Described in the Coordinated Framework for the Regulation of Biotechnology and Developing a Long-Term Strategy for the Regulation of the Products of Biotechnology Solicits relevant data and information, including case studies, which may assist in updating regulations related to biotechnology products, as directed by the recent memorandum, " <a href="#">Modernizing the Regulatory System for Biotechnology Products.</a> " Comments due 11/13/2015. <b>"Biotechnology products" refer to products developed through genetic engineering of organisms, including plants, animals, and microbes.</b>								
FED101615-2	Biotechnology	10/16/2015	<a href="#">80 FR 62538 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Food and Drug Administration Clarifying Current Roles and Responsibilities Described in the Coordinated Framework for the Regulation of Biotechnology and Developing a Long-Term Strategy for the Regulation of the Products of Biotechnology; Public Meeting Announces a joint meeting to discuss the recent memorandum, " <a href="#">Modernizing the Regulatory System for Biotechnology Products.</a> " Meeting is scheduled for 10/30/2015 in Silver Spring, Maryland. Comments due 11/13/2015.								
FED101615-3	Chemicals Management	10/16/2015	<a href="#">80 FR 62504 HTML</a>   <a href="#">PDF</a>	Notice Meeting	Department of Homeland Security Chemical Facility Anti-Terrorism Standards (CFATS) Appendix A [6 CFR Part 27] Solicits comments on the <a href="#">Appendix A Chemicals of Interest</a> list. Meeting is scheduled for 10/27/2015 in Arlington, Virginia. Comments due 11/30/2015. <b>Comments may be used for potential revisions to CFATS regulations. Additional information is available on the Department of Homeland Security's website.</b>								
FED101615-4	Hazardous Materials Transportation	10/14/2015	<a href="#">80 FR 61887 HTML</a>   <a href="#">PDF</a>	Notice Meeting	Pipeline and Hazardous Materials Safety Administration International Standards on the Transportation of Dangerous Goods Announces the following: <ul style="list-style-type: none"> <li>PHMSA meeting to discuss proposals in preparation to an upcoming session of the UNSCOE TDG. Meeting is scheduled for 11/12/2015 in Washington, D.C.</li> <li>OSHA meeting to discuss proposals in preparation to an upcoming session of the UNSCEGHS. Meeting is scheduled for 11/12/2015 in Washington, D.C.</li> </ul>								
FED101615-5 <small>JSC, MAF, and SSC should be aware of this action.</small>	Natural Resources NEPA	10/05/2015	<a href="#">80 FR 60126 HTML</a>   <a href="#">PDF</a>	Notice Meeting	National Oceanic and Atmospheric Administration Notice of Availability of a Deepwater Horizon Oil Spill; Draft Programmatic Damage Assessment and Restoration Plan (PDARP) and Draft Programmatic Environmental Impact Statement (PEIS) Announces availability of and solicits comments on a draft <a href="#">PDARP/PEIS</a> that discusses the impacts from the Deepwater Horizon oil spill on natural resources in the Gulf of Mexico, as well as alternatives considered to restore natural resources, ecological services, and recreational use services injured or lost as a result of the oil spill. A series of meetings to discuss the draft document are scheduled for the following dates and locations: <table border="1"> <thead> <tr> <th>Date</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td>10/26/2015</td> <td>Mobile, Alabama</td> </tr> <tr> <td>11/10/2015</td> <td>Galveston, Texas</td> </tr> <tr> <td>11/18/2015</td> <td>Washington, D.C.</td> </tr> </tbody> </table> Comments due 12/04/2015. [RIN 0648-XE201]	Date	Location	10/26/2015	Mobile, Alabama	11/10/2015	Galveston, Texas	11/18/2015	Washington, D.C.
Date	Location												
10/26/2015	Mobile, Alabama												
11/10/2015	Galveston, Texas												
11/18/2015	Washington, D.C.												

Tracking Number	Subject	Date Published	Citation	Type Action	Description																				
FED101615-6	Occupational Safety	10/05/2015	<a href="#">80 FR 60033 HTML</a>   <a href="#">PDF</a>	Final Rule Correction	Occupational Safety and Health Administration Electrical Safety-Related Work Practices; Electric Power Generation, Transmission, and Distribution; Electrical Protective Equipment; Corrections [29 CFR Parts 1910 and 1926] Finalizes corrections to final rule ( <a href="#">79 FR 20315</a> , 04/11/2014) to clarify applicability of the standards to certain operations, including work performed near electrical power generation, transmission, and distribution installations. Also corrects minor errors in minimum approach distance tables. Effective 10/05/2015. [RIN 1218-AA32 and 1218-AB67]																				
FED101615-7	Toxic Substances	10/07/2015	<a href="#">80 FR 60692 HTML</a>   <a href="#">PDF</a>	Notice	National Institutes of Health Nominations to the Report on Carcinogens and Office of Health Assessment and Translation; Request for Information Solicits information on the following: <ul style="list-style-type: none"> <li>Substances nominated for possible future inclusion in the RoC: <table border="1"> <thead> <tr> <th>Substance</th> <th>CAS Number</th> </tr> </thead> <tbody> <tr> <td>Dibromoacetonitrile</td> <td>3252-43-5</td> </tr> <tr> <td>Di- and tri-haloacetic acids</td> <td>Includes entire class</td> </tr> <tr> <td>Fluoride</td> <td>7681-49-4</td> </tr> <tr> <td>Pentabromodiphenyl ether mixture</td> <td>32534-81-9</td> </tr> <tr> <td>Tetrabromobisphenol A</td> <td>79-94-7</td> </tr> <tr> <td>Vinylidene chloride</td> <td>75-35-4</td> </tr> </tbody> </table> </li> <li>Substances considered by OHAT for evaluation of non-cancer health outcomes: <table border="1"> <thead> <tr> <th>Substance</th> <th>CAS Number</th> </tr> </thead> <tbody> <tr> <td>Fluoride</td> <td>7681-49-4</td> </tr> <tr> <td>Neonicotinoid pesticides</td> <td>135410-20-7 160430-64-8 210880-92-5 165252-70-0 138261-41-3 105827-78-9 150824-47-8 111988-49-9 153719-23-4</td> </tr> </tbody> </table> </li> </ul> Comments due 11/06/2015.	Substance	CAS Number	Dibromoacetonitrile	3252-43-5	Di- and tri-haloacetic acids	Includes entire class	Fluoride	7681-49-4	Pentabromodiphenyl ether mixture	32534-81-9	Tetrabromobisphenol A	79-94-7	Vinylidene chloride	75-35-4	Substance	CAS Number	Fluoride	7681-49-4	Neonicotinoid pesticides	135410-20-7 160430-64-8 210880-92-5 165252-70-0 138261-41-3 105827-78-9 150824-47-8 111988-49-9 153719-23-4
Substance	CAS Number																								
Dibromoacetonitrile	3252-43-5																								
Di- and tri-haloacetic acids	Includes entire class																								
Fluoride	7681-49-4																								
Pentabromodiphenyl ether mixture	32534-81-9																								
Tetrabromobisphenol A	79-94-7																								
Vinylidene chloride	75-35-4																								
Substance	CAS Number																								
Fluoride	7681-49-4																								
Neonicotinoid pesticides	135410-20-7 160430-64-8 210880-92-5 165252-70-0 138261-41-3 105827-78-9 150824-47-8 111988-49-9 153719-23-4																								
FED101615-8	Toxic Substances	10/13/2015	<a href="#">80 FR 61425 HTML</a>   <a href="#">PDF</a>	Notice	Centers for Disease Control and Prevention Issuance of Final Guidance Publications Announces availability of the following skin notation profiles: <ul style="list-style-type: none"> <li><a href="#">Aldrin</a></li> <li><a href="#">Aniline</a></li> <li><a href="#">Azinphos-methyl</a></li> <li><a href="#">Captafol</a></li> <li><a href="#">Chlordane</a></li> <li><a href="#">Dieldrin</a></li> <li><a href="#">Dinitro-o-cresol</a></li> <li><a href="#">Endrin</a></li> <li><a href="#">Methyl parathion</a></li> <li><a href="#">Nicotine</a></li> <li><a href="#">Parathion</a></li> <li><a href="#">Phorate</a></li> <li><a href="#">Phosdrin</a></li> <li><a href="#">Tetraethyl dithionopyrophosphate</a></li> <li><a href="#">Tetraethyl pyrophosphate</a></li> </ul>																				
FED101615-9	Toxic Substances	10/16/2015	<a href="#">80 FR 62533 HTML</a>   <a href="#">PDF</a>	Notice	Agency for Toxic Substances and Disease Registry Availability of Draft Toxicological Profile; Set 27 Toxicological Profiles Solicits comments on the <a href="#">Set 27 Toxicological Profiles</a> and requests additional information or reports on studies about the health effects of the following substances: <ul style="list-style-type: none"> <li>Nitrates/Nitrites</li> <li>N,N-Diethyl-meta-toluamide</li> <li>Polybrominated biphenyl ethers</li> <li>Toluene</li> <li>Toluene diisocyanates/methylenediphenyl diisocyanates</li> </ul> Comments due 01/14/2016.  <a href="#">Additional information is available on ATSDR's website.</a>																				

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED101615-10	Water Storm Water	10/07/2015	<a href="#">80 FR 60667 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Stormwater Management in Response to Climate Change Impacts: Lessons From the Chesapeake Bay and Great Lakes Regions Announces availability of and solicits comments on the draft document, <a href="#">Stormwater Management in Response to Climate Change Impacts: Lessons from the Chesapeake Bay and Great Lakes Regions</a> . Comments due 11/06/2015. <a href="#">Additional information is available on EPA's website.</a>

## 1.2 Other News and Developments

### 1.2.1 Refrigerant Management Program Update

On 15 October 2015, the United States (U.S.) Environmental Protection Agency (EPA) [published a proposed rule](#) that revises refrigerant management requirements under Section 608 of the Clean Air Act. The proposed changes include the following:

- Including substitute refrigerants (for example, hydrofluorocarbons) under requirements of the Refrigerant Management Program
- Requiring leak inspections or monitoring for certain refrigerant and air conditioning systems
- Establishing a process to request waivers from leak inspection frequency requirements under certain conditions
- Lowering the leak-rate threshold, which dictates when owners must make repairs
- Prohibiting operation of certain equipment that has leaked 75percent of full charge in two consecutive years
- Allowing purchase and use of small quantity non-ozone depleting substance refrigerants for motor vehicles as long as containers have self-sealing valves
- Updating recordkeeping requirements for system disposals

Additional information is available from a [fact sheet](#) on the proposed rule.

### 1.2.2 Annual GHG and Sustainability Data Report

On 06 October 2015, the U.S. Department of Energy (DOE) released the Fiscal Year (FY) 2015 template for top-tier federal departments to use when submitting their [FY 2015 Greenhouse Gas \(GHG\) and Sustainability Report](#). Federal agencies are required by the National Energy Conservation Policy Act to submit an annual report detailing energy management activities. FY 2015 GHG and Sustainability Reports are due 29 January 2016. Additional [guidance](#) is available on DOE's website.

### 1.2.3 DOE Report on Regional Vulnerability to Climate Change

On 09 October 2015, DOE [released "Climate Change and the U.S. Energy Sector: Regional Vulnerabilities and Resilience Solutions."](#) The [report](#) divides the U.S. into nine regions in order to evaluate region-specific impacts from climate change. The report also recommends that a combination of national, regional, and local efforts will be needed to improve resiliency and adaptability of the U.S. energy infrastructure.

### 1.2.4 European Chemicals Agency Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals ([REACH](#)), the [European Chemical Agency](#) has received a [restriction dossier](#) on 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silanetriol and any of its mono-, di- or tri-O-(alkyl) derivatives. Restricted applications would include the use of a combination of perfluorinated silanes and one or more organic solvents in sprays used for the

general public. Dossier submittal is the first step of the process by which substances are considered for designation as substances of very high concern ([SVHCs](#)) and addition to the [Candidate List for Authorisation](#). Substances on the SVHC Candidate List are eligible to be considered for listing on the Authorisation List, REACH Annex XIV. Inclusion on the Authorisation List would impose special authorization requirements for continued manufacture and use in the EU. Although requirements associated with REACH do not directly affect operations in the U.S., they can affect the global supply chain and potentially reduce future availability of regulated substances.

### 1.2.5 2030 Agenda for Sustainable Development

During the [United Nations \(UN\) Sustainable Development Summit](#) that occurred from 25 to 27 September 2015, the UN adopted the [2030 Agenda for Sustainable Development](#). The agenda addresses 17 Sustainable Development Goals, which build on the [Millennium Development Goals](#). Goals address topics including poverty, hunger and sustainable agriculture, building and implementing resilient infrastructure, sustainable management of water resources, and sustainable management of terrestrial resources.

### 1.2.6 International Forum for Aviation Research Summit

Ames Research Center recently hosted the 6<sup>th</sup> International Forum for Aviation Research ([IFAR Summit](#)) 2015. IFAR is an international aviation research network, which NASA currently chairs. Topics of the summit included research on alternative fuels as well as environmental impacts related to aviation.

### 1.2.7 ChemView Updates

EPA recently updated [ChemView](#), a data repository where users can access health and safety information on substances regulated under the Toxic Substances Control Act (TSCA). Recent updates include:

- Information on export notice required for substances regulated under TSCA
- Access to information and data stored across several federal agencies and organizations
- Additional information on substantial risk notification submissions

## 1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 18 November 2015, at 10 a.m. Central Time.

## 2.0 State Regulatory Reviews

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

### 2.1 Alabama State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
AL101615-1	Air NAAQS	10/09/2015	<a href="#">80 FR 61111 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Alabama; Infrastructure Requirements for the 2008 Lead National Ambient Air Quality Standards [40 CFR Part 52] Finalizes partial approval of SIP revisions related to infrastructure requirements for the 2008 Lead NAAQS. Effective 11/09/2015.

#### 2.1.1 27th Annual Nonpoint Source Conference

The Alabama Department of Environmental Management [announced](#) the 27th Annual Nonpoint Source (NPS) Conference on 20 January 2016 in Montgomery, Alabama. Conference topics include:

- Programs and resources for NPS
- U.S. Geological Service web and geographic information system tools
- Innovative best management practices and techniques
- NPS success stories

[Agenda](#) and [registration form](#) are available for review.

### 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
CA101615-1	Building Standards	10/09/2015	<a href="#">CRNR, 2015, 41z, p. 1796</a>	Proposed Rule	California Building Standards Commission Triennial Code Adoption Cycle [24 CCR Parts 3-5 and 11] Proposes to amend building standards contained in Title 24 of the CCR to incorporate the following: <ul style="list-style-type: none"> <li>▪ 2014 and 2015 National Electrical Code</li> <li>▪ 2013 California Green Building Standards Code</li> <li>▪ 2015 Uniform Mechanical Code</li> <li>▪ 2015 Uniform Plumbing Code</li> </ul> Comments due 11/23/2015.
CA101615-2	Species	10/05/2015	<a href="#">80 FR 60125 HTML</a>   <a href="#">PDF</a>	Notice Workshop	National Oceanic and Atmospheric Administration Endangered and Threatened Species; Recovery Plans Announces availability of the draft <a href="#">Endangered Species Act Coastal Multispecies Recovery Plan</a> , which includes the following species of fish: <ul style="list-style-type: none"> <li>▪ California Coastal Chinook salmon</li> <li>▪ Northern California steelhead</li> <li>▪ Central California Coast steelhead</li> </ul> Workshops are scheduled for 10/20/2015 in Santa Cruz, California and 11/03/2015 in Oakland, California. Comments due 12/04/2015. [RIN 0648-XE212]  <a href="#">These species spawn and rear in streams and rivers along the central and northern California coast, and in tributaries to the San Francisco Bay. Additional information is available on NOAA's website.</a>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA101615-3	Waste	10/16/2015	<a href="#">CRNR, 2015, 42z, p. 1920</a>	Final Rule	California Department of Resources Recycling and Recovery Administrative Civil Penalties [14 CCR 18660.44-18660.46 and 18660.7] Finalizes <a href="#">amendments</a> establishing a process for CalRecycle to exercise its authority to impose civil liabilities for violations of the Electronic Waste Recycling Program. Effective 10/05/2015.

## 2.2.1 Senate Bill 350

On 07 October 2015, the California Governor signed [Senate Bill 350](#). Under the legislation, California must procure half of its electricity from renewable sources, such as solar and wind, and double energy efficiency in homes, offices, and factories by 2030, compared to current levels. The legislation also lays the groundwork for initiatives to boost clean power, such as the formation of regional electricity grids and additional electric vehicle charging stations.

## 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

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

### 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
CAS101615-1	Air RECLAIM	10/06/2015	<a href="#">SCAQMD Website</a>	Proposed Rule Hearing	South Coast Air Quality Management District Proposed Amendments to Regulation XX Proposes amendments to Regulation XX Rules <a href="#">2002</a> , <a href="#">2011</a> , and <a href="#">2012</a> , related to the NO <sub>x</sub> RECLAIM Program, to address the following: <ul style="list-style-type: none"> <li>Rule 2002—Update BARCT levels</li> <li>Rule 2002—Institute programmatic RTC reductions of 14 tons per day, achieved through gradual shave affecting top 90% of RTC holders</li> <li>Rules 2011 and 2012—Allow delayed RATA tests due to extenuating circumstances</li> <li>Include minor administrative amendments to all rules</li> </ul> <a href="#">Hearing</a> is scheduled for 11/06/2015 in Diamond Bar, California. Comments due 10/27/2015.  <a href="#">Because NASA is not in the top 90% of RTC holders, anticipated impacts of this action are expected to be minimal. Additional information is available in the Draft Staff Report and Revised Draft Socioeconomic Report.</a>

### 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
FL101615-1	Air NAAQS	10/15/2016	<a href="#">FAR Notice #16625332</a>	Notice Hearing	Department of Environmental Protection Air Resource Management Division Meeting Announces the opportunity to request a hearing and comment on a proposal to submit documentation to EPA confirming that Florida is compliant with implementation requirements related to the revised 2012 PM <sub>2.5</sub> NAAQS.
FL101615-2	Remediation	10/07/2015	<a href="#">FAR Notices #16579063; #16577996</a>	Notice Workshop	Department of Environmental Protection Contaminant Cleanup Target Levels [Chapter 62-777, F.A.C.] Contaminated Site Cleanup Criteria [Chapter 62-780, F.A.C.] Announces a rule development workshop to update the following rules due to technical advancements and inconsistencies: <ul style="list-style-type: none"> <li>Chapter 62-777, F.A.C., "Contaminant Cleanup Target Levels"</li> <li>Chapter 62-780, F.A.C., "Contaminated Site Cleanup"</li> </ul> Topics will include: <ul style="list-style-type: none"> <li>Methods for establishing cleanup target levels</li> <li>Parameter values used</li> <li>Development of updated cleanup target levels</li> <li>Evaluation of Incremental Sampling Methodology</li> <li>Revision of determination of leachability</li> <li>Use and application of apportionment</li> <li>Division of Chapter 62-780.500, F.A.C. into two separate rules for emergency response actions and interim source removal</li> </ul> <a href="#">Agenda</a> will be available for review. Workshop is scheduled for 11/04/2015 in Temple Terrace, Florida, and will be available via <a href="#">webinar</a> .
FL101615-3	Remediation	10/07/2015	<a href="#">FAR Notice #16581682</a>	Notice Meeting	Department of Environmental Protection Division of Waste Management's Contaminated Media Forum Announces a meeting of the Contaminated Media Forum to discuss the following topics: <ul style="list-style-type: none"> <li>Technical issues of toxicology and risk assessment related to the development of CTLs</li> <li>Alternatives for evaluating leachability from soil to groundwater</li> <li>Additional topics related to the following rule chapters: <ul style="list-style-type: none"> <li>Chapter 62-777, F.A.C., "Contaminant Cleanup Target Levels"</li> <li>Chapter 62-780 F.A.C., "Contaminated Site Cleanup Criteria"</li> </ul> </li> </ul> Meeting is scheduled for 11/03/2015 in Temple Terrace, Florida, and will be available via teleconference or <a href="#">webinar</a> .

## 2.4 Louisiana State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
LA101615-1	Air Permitting	10/20/2015	<a href="#">AQ354</a>	Final Rule	Louisiana Department of Environmental Quality Emission Offsets [LAC 33:III.504.F] Finalizes amendments to regulations for nonattainment areas to allow increases of NO <sub>x</sub> or VOC emissions to be offset with decreases of other ozone precursor emissions at ratios specified in Table 1 of LAC 33:III. Effective 10/20/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
LA101615-2	Water Water Quality	10/20/2015	<a href="#">WQ093ft</a>	Final Rule	Louisiana Department of Environmental Quality Chapter 49 Incorporation by Reference Update [LAC 33:IX.4901 and 4903] Finalizes updates to LAC 33:IX Chapter 49 reference dates to align with federal regulations related to water pollution control. Effective 10/20/2015.

## 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
MD101615-1	Radiation	10/16/2015	<a href="#">42:21 Md.R. 1303</a>	Final Rule	Department of the Environment Radiation Management Finalizes revisions to "Regulations for the Control of Ionizing Radiation (1994)," which is incorporated by reference in COMAR 26.12.01.01, Supplement 27, to include: <ul style="list-style-type: none"> <li>Additional security requirements for use and transport of risk significant quantities of radioactive material</li> <li>Requirements for operating particle accelerators</li> <li>Miscellaneous corrections</li> </ul> Effective date 10/26/2015. <a href="#">Additional information is available on MDE's website.</a>

## 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
NM101615-1	Air SIP	10/14/2015	<a href="#">80 FR 61751 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; New Mexico; Infrastructure for the 2010 Sulfur Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Direct final rule approves SIP revisions related to infrastructure requirements for the 2010 SO <sub>2</sub> NAAQS. Effective 11/13/2015.

## 2.8 Ohio State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH101615-1	Air NAAQS	10/13/2015	<a href="#">DAPC-What's New</a>	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency SO <sub>2</sub> Regulations [OAC 3745-18] Finalizes revisions to regulations intended to aid nonattainment areas in meeting the 2010 1-hour SO <sub>2</sub> NAAQS. Effective 10/25/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH101615-2 <a href="#">GRC and PBS</a> should be aware of this action.	Air VOCs	10/05/2015	<a href="#">DAPC-What's New</a>	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency VOC RACT Rules [OAC 3745-21] Finalizes revisions to VOC RACT rules as part of the 5-year review process, including: <ul style="list-style-type: none"> <li>▪ Adding Rule 3745-21-26, Surface coating of miscellaneous metal and plastic parts</li> <li>▪ Changing recordkeeping and reporting requirements</li> <li>▪ Adding applicability clarifications</li> <li>▪ Making minor editorial corrections</li> </ul> Effective 10/15/2015.
OH101615-3	Water Quality	10/15/2015	<a href="#">DSW - Rules and Laws</a>	Notice	Division of Surface Water, Ohio Environmental Protection Agency Water Quality Standards [OAC 3745-1] <a href="#">Solicits</a> comments as part of a 5-year review process to consider updates to formatting, references and citations, without substantial changes. Comments due 11/16/2015.
OH101615-4	Water Wells	10/13/2015	<a href="#">DDAGW - Rules and Laws</a>	Proposed Rule	Division of Drinking and Ground Waters, Ohio Environmental Protection Agency Water Well Standards [OAC 3745-9 and 3745-91] <a href="#">Solicits</a> comments on proposed amendments to monitoring and public well standards and plan approval rules. Comments due 10/28/2015. <b>Standards currently cover new and existing wells, well siting and construction criteria, pumping rates, well sampling parameters, and well sealing requirements.</b>

## 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
TX101615-1	Air SIP	10/06/2015	<a href="#">80 FR 60295 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Revisions to the Minor New Source Review (NSR) State Implementation Plan (SIP) for Portable Facilities [40 CFR Part 52] Finalizes SIP revisions to the minor NSR program related to public participation and relocation of permitted portable facilities. Effective 11/05/2015.
TX101615-2	Air SIP	10/06/2015	<a href="#">80 FR 60314 HTML   PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Infrastructure and Interstate Transport State Implementation Plan for the 2010 Sulfur Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Proposes approval of SIP revisions related to infrastructure requirements for the 2010 SO <sub>2</sub> NAAQS. Comments due 11/05/2015.
TX101615-3	Air SIP	10/09/2015	<a href="#">40 TexReg 7133</a>	Notice Hearing	Texas Commission on Environmental Quality Notice of Public Hearing on Proposed Revisions to the State Implementation Plan Announces a hearing to discuss proposed SIP revisions related to anti-backsliding obligations for the revoked 1997 8-hour Ozone NAAQS in the Houston-Galveston-Brazoria area. Hearing is scheduled for 10/26/2015 in Houston, Texas. Comments due 10/30/2015.
TX101615-4	Air SIP	10/15/2015	<a href="#">80 FR 62003 HTML   PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Texas; Infrastructure and Interstate Transport for the 2008 Lead National Ambient Air Quality Standards [40 CFR Part 52] Proposes approval of SIP revisions related to infrastructure requirements for the 2008 Lead NAAQS. Comments due 11/16/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
TX101615-5	Emergency Planning	10/16/2015	<a href="#">80 FR 62554 HTML</a>   <a href="#">PDF</a>	Notice	Federal Emergency Management Agency Changes in Flood Hazard Determinations Announces revisions to <a href="#">flood hazard determinations</a> for various locations, including Harris County, Texas. Effective 10/16/2015. <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 FEMA's website.</b>
TX101615-6	Water TPDES	10/16/2015	<a href="#">40 TexReg 7269</a>	Notice Meeting	Texas Commission on Environmental Quality Notice of a Public Meeting and a Proposed Renewal with Amendment of a General Permit Authorizing the Discharge of Stormwater Associated with Industrial Activities Announces a meeting to discuss renewal and amendments to the TPDES general permit. Meeting is scheduled for 11/16/2015 in Austin, Texas. Comments due 11/16/2015.

## 2.10 Utah State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
UT101615-1	Water Water Quality	10/15/2015	<a href="#">UT Bull. Vol. 2015-20, p.117</a>	Proposed Rule Correction	Utah Department of Environmental Quality; Division of Water Quality Standards of Quality for Waters of the State [R317-2] Proposes corrections to proposed rule ( <a href="#">Vol. 2015-11, p. 98</a> , 06/01/2015) related to site-specific statistical methodology for determining TDS criteria for Blue Creek and Blue Creek Reservoir.

## 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
VA101615-1	Administrative	10/19/2015	<a href="#">32:4 VA.R.584-585</a>	Notice	Board for Professional Soil Scientists, Wetland Professionals, and Geologists, Virginia Department of Professional and Occupational Regulation Public Participation Guidelines [18VAC145-11], Professional Soil Scientist Regulations [18VAC145-20], Regulations Governing Certified Professional Wetland Delineators [18VAC145-30], Regulations for the Geology Certification Program [18VAC145-40] Announces periodic review to determine whether regulations should be repealed, amended, or retained in their current forms. Comments due 11/09/2015.
VA101615-2	Hazardous Materials Transportation	10/19/2015	<a href="#">32:4 VA.R.466-468</a>	Final Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality Regulations Governing the Transportation of Hazardous Materials [9VAC20-110] Direct final rule incorporates by reference federal regulation requiring registration and recordkeeping requirements for cargo tank motor vehicles. Effective 12/03/2015. Comments due 11/18/2015.
VA101615-3	Occupational Safety Lead	10/19/2015	<a href="#">32:4 VA.R.485-487</a>	Final Rule	Safety and Health Codes Board, Virginia Department of Labor and Industry Regulation Concerning Certified Lead Contractors Notification, Lead Project Permits and Permit Fees [16VAC25-35] Finalizes amendments requiring lead contractors to file written lead project notifications with the Department of Labor and Industry for all lead projects. Effective 11/19/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA101615-4	Water VPDES	10/07/2015	<a href="#">80 FR 60668 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Cross-Media Electronic Reporting; Authorized Program Revision Approval, Commonwealth of Virginia Announces approval of Virginia's request to allow electronic VPDES reporting. Effective 10/07/2015.