



National Aeronautics and  
Space Administration

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

# Regulatory Tracking Summary

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**30 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)).

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# Acronyms and Abbreviations

AAC = Alabama Administrative Code	NPDES = National Pollutant Discharge Elimination System
AES = Automated Export System	NSPS = New Source Performance Standards
AQI = Air Quality Index	OAC = Ohio Administrative Code
ARB = California Air Resources Board	OECD = Organization for Economic Cooperation and Development
AST = Aboveground storage tank	OEHHA = Office of Environmental Health Hazard Assessment
CCR = <i>California Code of Regulations</i>	PAMS = Photochemical Assessment Monitoring Station
CEC = California Energy Commission	PM <sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
CFR = <i>Code of Federal Regulations</i>	PSD = Prevention of Significant Deterioration
CO <sub>2</sub> = Carbon dioxide	RCRA = Resource Conservation and Recovery Act
CRNR = California Regulatory Notice Register	RIN = Regulatory Identification Number
CUP = Consumptive use permit	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
DAPC = Division of Air Pollution Control	SCAQMD = South Coast Air Quality Management District
DMWM = Division of Materials and Waste Management	SERC = State Emergency Response Commission
DSW = Division of Surface Water	SIP = State Implementation Plan
EGU = Energy Generating Unit	SWCB = State Water Control Board
EIB = Environmental Improvement Board	SWRCB = State Water Resources Control Board
EPA = U.S. Environmental Protection Agency	TSDF = Treatment, Storage, and Disposal Facility
F.A.C. = Florida Administrative Code	UDAQ = Utah Division of Air Quality
FAR = Florida Administrative Register	UN = United Nations
FEMP = Federal Energy Management Program	U.S. = United States
FR = <i>Federal Register</i>	U.S.C. = United States Code
FRM = Federal Reference Method	UST = Underground storage tank
FY = Fiscal year	VAC = Virginia Administrative Code
GDF = Gasoline Dispensing Facility	VA.R. = <i>Virginia Register</i>
GHG = Greenhouse gas	VDEQ = Virginia Department of Environmental Quality
GSA = General Services Administration	VPA = Virginia Pollution Abatement
HAP = Hazardous air pollutant	VPDES = Virginia Pollutant Discharge Elimination System
HFC = Hydrofluorocarbon	WQCC = Water Quality Control Commission
HGB = Houston-Galveston-Brazoria	
ISD = In-Station Diagnostic	
MACT = Maximum Achievable Control Technology	
NAAQS = National Ambient Air Quality Standard	
NASA = National Aeronautics and Space Administration	
NO <sub>2</sub> = Nitrogen dioxide	

## 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
FED103015-1	Air EGUs-GHG	10/23/2015	<a href="#">80 FR 64661 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units [40 CFR Part 60] Finalizes CO <sub>2</sub> emission performance rates and state-specific rate-based goals for CO <sub>2</sub> emissions from existing fossil fuel-fired EGUs. Includes guidelines for developing plans to achieve state-specific goals. Effective 12/22/2015. [RIN 2060-AR33] <a href="#">Additional information is available on EPA's website.</a>
FED103015-2	Air EGUs-GHG	10/23/2015	<a href="#">80 FR 64509 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Standards of Performance for Greenhouse Gas Emissions From New, Modified, and Reconstructed Stationary Sources: Electric Utility Generating Units [40 CFR Parts 60, 70, 71, and 98] Finalizes NSPS to limit CO <sub>2</sub> emissions from affected modified and reconstructed electric utility steam generating units and from natural gas-fired stationary combustion turbines. Effective 10/23/2015. [RIN 2060-AQ91]
FED103015-3 <a href="#">NASA Centers should be aware of this action.</a>	Air NAAQS	10/26/2015	<a href="#">80 FR 65291 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency National Ambient Air Quality Standards for Ozone [40 CFR Parts 50, 51, 52, 53, and 58] Finalizes the following updates related to the Ozone NAAQS: <ul style="list-style-type: none"> <li>Revises the primary and secondary ground-level ozone standards from 0.075 ppm to 0.070 ppm</li> <li>Revises data handling conventions for ozone</li> <li>Makes conforming changes to the AQI</li> <li>Updates exceptional events schedules</li> <li>Revises the ozone monitoring season for 32 states and the District of Columbia</li> <li>Updates FRM for monitoring ozone in ambient air</li> <li>Expands PAMS network</li> </ul> Effective 12/28/2015. [RIN 2060-AP38] <a href="#">Additional information is available on EPA's website.</a>
FED103015-4	Air NAAQS	10/26/2015	<a href="#">80 FR 65223 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency Notification of a Public Teleconference of the Clean Air Scientific Advisory Committee Secondary National Ambient Air Quality Standards Review Panel for Oxides of Nitrogen and Sulfur Announces a teleconference to review EPA's <a href="#">"Integrated Review Plan for the Secondary National Ambient Air Quality Standards for Oxides of Nitrogen and Oxides of Sulfur."</a> Teleconference is scheduled for 12/01/2015.
FED103015-5	Emergency Preparedness	10/22/2015	<a href="#">80 FR 64008 HTML</a>   <a href="#">PDF</a>	Notice	Federal Emergency Management Agency Guidelines for Implementing Executive Order 11988, Floodplain Management, and Executive Order 13690, Establishing a Federal Flood Risk Management Standard and a Process for Further Soliciting and Considering Stakeholder Input Announces availability of updated <a href="#">guidance</a> that may assist federal agencies in the implementation of flood risk management. Effective 10/08/2015.
FED103015-6	Explosives	10/23/2015	<a href="#">80 FR 64446 HTML</a>   <a href="#">PDF</a>	Notice	Bureau of Alcohol, Tobacco, Firearms, and Explosives Commerce in Explosives; 2015 Annual List of Explosive Materials Announces availability of the annual updated list of explosives covered by <a href="#">18 U.S.C. 841, et seq.</a> The list also covers blasting agents and detonators, which are defined as explosive materials. Effective 10/23/2015.

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED103015-7	Hazardous Materials Transportation	10/19/2015	<a href="#">80 FR 63277 HTML</a>   <a href="#">PDF</a>	Notice	Pipeline and Hazardous Materials Safety Administration Hazardous Materials: Actions on Special Permit Applications Announces approval of special permit, 16558-N, for NASA (Washington, D.C.) to authorize the transportation in commerce of certain lithium metal batteries contained in equipment in non-UN performance-oriented packaging.
FED103015-8	Occupational Health	10/29/2015	<a href="#">80 FR 66547 HTML</a>   <a href="#">PDF</a>	Notice Workshop	National Institutes of Health NIH Pathways to Prevention Workshop: Total Worker Health@-What's Work Got To Do With It? Announces a workshop to discuss the advancement of worker well-being through the promotion of work-related safety, health, and injury prevention efforts. Workshop is scheduled to begin 12/09/2015 in Bethesda, Maryland.
FED103015-9	Toxic Substances Flame Retardants	10/26/2015	<a href="#">80 FR 65174 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Consumer Product Safety Commission Petition Requesting Rulemaking on Products Containing Organohalogen Flame Retardants; Notice of Extension of Comment Period; Notice of Opportunity for Oral Presentation of Comments [16 CFR Chapter II] Announces a meeting to discuss a petition ( <a href="#">80 FR 50238</a> , 08/19/2015) to list products containing additive organohalogen flame-retardants as "banned hazardous substances" in various categories, including plastic casings of electronic devices. Meeting is scheduled for 12/09/2015 in Bethesda, Maryland.
FED103015-10	Waste Hazardous Waste	10/19/2015	<a href="#">80 FR 63283 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Hazardous Waste Export-Import Revisions [40 CFR Parts 260, 261, 262, 263, 264, 265, 266, 267, 271 and 273] Proposes revisions to regulations for export and import of hazardous wastes from and into the U.S., including: <ul style="list-style-type: none"> <li>Allowing electronic submission of export and import documents</li> <li>Allowing electronic validation of AES consent for shipments subject to RCRA export requirements prior to export</li> <li>Aligning regulations with current OECD requirements</li> </ul> Comments due 11/18/2015. [RIN 2050-AG77]
FED103015-11	Water	10/21/2015	<a href="#">80 FR 63780 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency Notice of Public Meeting and Webinar and Request for Comment on the Draft Document "Technologies for Legionella Control: Scientific Literature Review" Announces availability of a <a href="#">draft document</a> to discuss available control technologies and approaches used to address health concerns related to Legionella in building water systems. Meeting is scheduled for 11/09/2015 in Arlington, Virginia, and will be available via webinar. <b>The document may aid agencies, building water system operators, and building owners in evaluating technologies used for Legionella control.</b>
FED103015-12	Water NPDES	10/22/2015	<a href="#">80 FR 64063 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule [40 CFR Parts 9, 122, 123, 124, 127, 403, 501, and 503] Finalizes requirement for electronic reporting and sharing of NPDES program information. Effective 12/21/2015. [RIN 2020-AA47]

## 1.2 Other News and Development

### 1.2.1 NASA Study on Stratospheric Ozone Depletion from HFCs

A recently published paper, "Ozone Depletion by Hydrofluorocarbons," details a NASA [study](#) on the projected impacts of hydrofluorocarbon (HFC) gases on the atmosphere by 2050. The study focuses on five types of HFCs and their indirect effects on stratospheric ozone depletion. According to the model used in the study, HFCs could contribute a 0.035 percent decrease in stratospheric ozone by 2050. Additional research is underway to analyze HFC contributions to surface climate changes, such as land and ocean temperature, rainfall, and sea ice.

### 1.2.2 State Water Agency Practices for Climate Adaptation Website

The U.S. Environmental Protection Agency (EPA), in collaboration with the Association of Clean Water Administrators, the Association of State Drinking Water Administrators, and the Association of State Wetland Managers, recently launched a [website](#) compiling practices of seven state water agencies and related efforts to mitigate vulnerability to climate change influence. The [database](#) will assist in information sharing and may encourage the adoption of useful models among agencies and governments.

### 1.2.3 GreenBuy Award Program for Federal Agencies FY2016

The U.S. Department of Energy announced the guidelines for the 2016 [GreenBuy Award Program](#), which recognizes federal agencies for purchasing programs that obtain sustainable products, save energy, conserve water, and reduce health and environmental impacts. The program focuses on the sustainable acquisition of products on the Priority Product List, which identifies products that exhibit high sustainability goals. Awards are offered in three tiers: Gold, Silver, and Bronze.

### 1.2.4 GSA Website for Generic Solicitation and Contract Language for Product Procurement

The General Services Administration (GSA) has launched a [website](#) to support agencies in meeting minimum sustainability requirements in product procurement contracts. Examples of generic solicitation and contract language are provided by the BioPreferred program, EPA's Comprehensive Procurement Guidelines program, Energy Star, the Electronic Product Environmental Assessment Tool, the Federal Energy Management Program (FEMP), the Safer Choice program, and EPA's WaterSense initiative. The generic language may be tailored to support individual acquisitions.

### 1.2.5 FEMP Website on Efficient Technologies and Products for Federal Facilities

FEMP has launched a [website](#) that allows users to search energy- and water-efficient technologies and resources that may aid agencies in meeting federal facility goals and requirements. The site includes an [interactive map](#) that details examples of successful efficient technologies implemented in federal facilities. Technologies can be sorted by federal agency or technology type, as well as climate zone.

### 1.2.6 FEMP Water Management Basics eTraining Course

FEMP, in partnership with the [Whole Building Design Guide program](#), is offering an on-demand online training course on federal water management. Topics include water management terminology, current water efficiency provisions, water management planning, and financial options for water management projects. The course offers an overview of water management in the federal context through the following modules:

- Module One: Introduction to Federal Water Management
- Module Two: Introduction to Comprehensive Water Management
- Module Three: Financing and Launching Water Management Projects

Additional information and registration is available on FEMP's [website](#).

## 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
AL103015-1	Air SIP	10/25/2015	<a href="#">Public Notice #350</a>	Notice Hearing	Alabama Department of Environmental Management Alabama State Implementation Plan Announces an opportunity to comment on revisions that would: <ul style="list-style-type: none"> <li>▪ Certify the SIP meets 2012 PM<sub>2.5</sub> NAAQS requirements</li> <li>▪ Amend changes to element C and D of a previously submitted SIP for the 2010 NO<sub>2</sub> NAAQS</li> </ul> Proposed SIP <a href="#">texts</a> are available for review. Request for hearing due 11/24/2015. Comments due 11/30/2015.
AL103015-2	Vessels	10/22/2015	<a href="#">80 FR 64191 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Coast Guard 2013 Liquid Chemical Categorization Updates [46 CFR Parts 30, 150, and 153] Proposes updates and revisions to tables amended by interim rule ( <a href="#">78 FR 50148</a> , 08/16/2013) related to liquid hazardous materials, liquefied gases, and compressed gases approved for maritime transportation. Comments due 11/20/2016. [RIN1625-AB94]
AL103015-3	Waste Hazardous Waste	10/25/2015	<a href="#">Public Notice #421</a>	Notice Hearing	Alabama Department of Environmental Management Hazardous Waste Program [AAC 335-14] Announces a hearing to discuss proposed revisions to the Hazardous Waste Program, including clarifying the definition of solid waste and correcting errors. <a href="#">Proposed rules</a> and <a href="#">summary of reasons</a> are available for review. Hearing is scheduled for 12/16/2015 in Montgomery, 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
CA103015-1	Air Cap-and-Trade	10/28/2015	<a href="#">ARB Website</a>	Notice Workshop	California Air Resources Board Proposed Cap-and-Trade Adaptive Management Process <a href="#">Announces</a> workshops to discuss the draft proposed Cap-and-Trade Adaptive Management Process, as well as the schedule and timeline for public comment. Workshops are scheduled for 11/05/2015 in Sacramento, California, and 11/09/2015 in Los Angeles, California. <b>Adaptive management is a process of information gathering, review and analysis, and response to promote flexible public agency decision-making.</b>
CA103015-2	Air Fueling	10/30/2015	<a href="#">CRNR, 2015, 44z, p. 1986</a>	Proposed Rule	California Air Resources Board Proposed Amendments to the List of Equipment Defects that Substantially Impair the Effectiveness of Gasoline Vapor Recovery Systems [17 CCR 94006(b)] Proposes to amend the list of equipment defects that substantially impair the effectiveness of gasoline vapor recovery systems used in motor vehicle refueling operations. Comments due 12/14/2015. <b>The list is intended to aid air district personnel in GDF inspections.</b>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA103015-3	Air Fueling	10/16/2015	<a href="#">ARB Website</a>	Notice Workshop	California Air Resources Board Overpressure Alarms Associated with Phase II Enhanced Vapor Recovery Systems <a href="#">Announces</a> workshops to discuss recent findings and potential solutions to address overpressure occurring at GDFs equipped with Phase II Enhanced Vapor Recovery and In-Station Diagnostics systems. Workshops are scheduled for 11/06/2015 in Sacramento, California and 11/10/2015 in Diamond Bar, California. <a href="#">ISD systems monitor a range of vapor recovery system operating parameters and alert GDF operators to certain equipment problems.</a>
CA103015-4	Building Standards Energy Efficiency	10/19/2015	<a href="#">CEC Website</a>	Notice Workshop	California Energy Commission Efficiency and Performance Standards for Small-diameter Directional Lamps Announces availability of a <a href="#">final report</a> that proposes efficiency and performance standards for small-diameter directional lamps typically used in commercial buildings. Workshop is scheduled for 11/18/2015 in Sacramento, California. Comments due 11/30/2015.
CA103015-5	Hazardous Materials Transportation	10/23/2015	<a href="#">CRNR, 2015, 43z, p. 1937</a>	Proposed Rule	California Highway Patrol Fire Extinguishers [13 CCR 1162.1 and 1242] Proposes <a href="#">amendments</a> to fire extinguisher regulations to align with national transportation requirements, including: <ul style="list-style-type: none"> <li>Amending fire extinguisher ratings that are required on various types of motor vehicles</li> <li>Amending the definition of "securement"</li> </ul> Comments due 12/07/2015.
CA103015-6	Toxic Substances Proposition 65	10/30/2015	<a href="#">CRNR, 2015, 44z, p. 2000</a>	Proposed Rule	Office of Environmental Health Hazard Assessment Notice of Intent to List Pentachlorophenol and By-products of Its Synthesis (Complex Mixture) [27 CCR 25306] Proposes to list pentachlorophenol and by-products of its synthesis (complex mixture) as known to the state to cause cancer under the authoritative bodies listing mechanism. Comments due 11/30/2015. <a href="#">The commercially available complex mixture of pentachlorophenol and by-products of its synthesis is a restricted-use pesticide and registered as heavy-duty wood preservatives for utility poles, cross arms, pilings, fence posts, and construction. Additional information is available on OEHHA's website.</a>

## 2.2.1 Compliance with California and Federal UST Regulations

On 21 October 2015, the State Water Resources Control Board (SWRCB) issued a [reminder](#) to owners and operators of underground storage tanks (USTs) regarding the effective date of the revised federal UST regulations. The reminder includes a detailed table, compiled by SWRCB staff, intended to assist UST owners and operators in identifying new federal UST regulations that must be met in addition to California UST requirements. The table contains detailed descriptions of each new federal regulation affecting California USTs and compliance deadlines.

## 2.2.2 Mobile Source Strategy

The California Air Resources Board recently released a draft of its [Mobile Source Strategy](#), which proposes a strategy that simultaneously meets air quality standards, achieves greenhouse gas emission reduction targets, reduces petroleum consumption, and decreases health risk from transportation emissions over the next 15 years. The proposed measures include:

- Increasing the number of plug-in hybrid electric and non-combustion zero-emission vehicles
- Developing heavy-duty vehicle technology that is 90 percent cleaner than current standards
- Improving sustainable community design and advanced transportation systems

The actions identified in the proposed strategy will also provide the framework for development of a revised State Implementation Plan, required under the Clean Air Act, and a Scoping Plan Update. Additional information is available on ARB's [website](#).

## 2.2.3 California Air Districts Regulatory Review

### 2.2.3.1 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](#).

### 2.2.3.2 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](#).

### 2.2.3.3 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](#).

### 2.2.3.4 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](#).

### 2.2.3.5 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
CAS103015-1	Air SIP	10/20/2015	<a href="#">80 FR 63639 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Designation of Areas for Air Quality Planning Purposes; California; South Coast Moderate Area Plan and Reclassification as Serious Nonattainment for the 2006 PM <sub>2.5</sub> NAAQS [40 CFR Parts 52 and 81] Proposes approval of SIP revisions related to the 2006 24-hour PM <sub>2.5</sub> NAAQS requirements. Also proposes to reclassify the area as a "serious" nonattainment area. Comments due 11/19/2015.
CAS103015-2	Air SIP	10/21/2015	<a href="#">80 FR 63782 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Proposed Consent Decree, Clean Air Act Citizen Suit [40 CFR Part 52] Solicits comments on a proposed consent decree that would establish a deadline of 03/15/2016 for EPA to take certain actions related to the SCAQMD portion of the SIP for the 2006 PM <sub>2.5</sub> NAAQS. Comments due 11/20/2015.

### 2.2.3.6 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
FL103015-1	Laboratories Environmental Testing	10/28/2015	<a href="#">FAR Notice #16691001</a>	Notice	Department of Health Certification of Environmental Testing Laboratories [Chapter 64E-1, F.A.C.] Announces rule development to make the following revisions: <ul style="list-style-type: none"> <li>Update environmental testing laboratory certification standards criteria</li> <li>Update forms and references to other laws and rules</li> <li>Delete obsolete language and revise fees</li> </ul>
FL103015-2	Transportation NASA Parkway Bridge	10/26/2015	<a href="#">80 FR 65138 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Coast Guard; U.S. Department of Homeland Security Drawbridge Operation Regulation; Atlantic Intracoastal Waterway, John F. Kennedy Space Center/NASA Parkway Bridge, Addison Point, FL [33 CFR Part 117] Announces a temporary deviation from the John F. Kennedy Space Center/NASA Parkway Bridge operating schedule during the Rocketman Triathlon on 11/15/2015. [RIN 1625-AA09]
FL103015-3	Waste Solid Waste	10/30/2015	<a href="#">FAR Notice #16700119</a>	Notice	Department of Environmental Protection Documents Incorporated by Reference [Chapter 62-701.210, F.A.C.]; Forms [Chapter 62-701.900, F.A.C.] Announces rulemaking development to: <ul style="list-style-type: none"> <li>Address changes to allow additional technical references</li> <li>Provide additional forms for construction and demolition debris processed at permitted materials recovery facilities or permitted disposal facilities</li> </ul>
FL103015-4	Water	10/20/2015	<a href="#">FAR Notice #16643956</a>	Proposed Rule	St John's River Water Management District Amendments to and Releases of Conservation Easements [Chapter 40C-1.1101, F.A.C.] Proposes to repeal the existing rule, "Amendments to and Releases of Conservation Easements." Comments due 11/20/2015.
FL103015-5	Water CUPs	10/20/2015	<a href="#">FAR Notice #16656178</a>	Final Rule	St. John's River Water Management District Competing Applications [Chapter 40C-2.311, F.A.C.] Finalizes repeal of unnecessary rule related to competing applications for a quantity of water that is inadequate for two or more CUPs. Effective 11/03/2015.
FL103015-6	Water CUPs	10/20/2015	<a href="#">FAR Notices #16655887;</a> <a href="#">#16656081;</a> <a href="#">#16656275;</a> <a href="#">#16656469;</a> <a href="#">#16646381;</a> <a href="#">#16655790;</a> <a href="#">#16656372</a>	Final Rule	St. John's River Water Management District Permit Fees [Chapter 40C-1.603, F.A.C.]; Permitting of Consumptive Uses of Water [Chapter 40C-2, F.A.C.] Finalizes revisions to regulations to increase consistency in CUP programs and reduce regulatory burden. Effective 11/03/2015.
FL103015-7	Water Wells	10/20/2015	<a href="#">FAR Notice #16646575</a>	Final Rule	St. John's River Water Management District Casing and Liner Pipe Standards [Chapter 40C-3.507, F.A.C.] Finalizes repeal of unnecessary rule related to casing and liner pipe standards for water wells. Effective 11/03/2015.

## 2.4 Louisiana State Regulatory Review

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

## 2.5 Maryland State Regulatory Review

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

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
NM103015-1	Air	10/29/2015	<a href="#">EIB</a>	Notice Hearing	Environmental Improvement Board Notice of Public Hearing for the Environmental Improvement Board Announces a hearing to discuss proposed amendments for NSPS, Emission Standards for HAPs, and MACT for Source Categories of HAPs. Hearing is scheduled for 11/24/2015 in Santa Fe, New Mexico.
NM103015-2	Water	10/29/2015	<a href="#">WQCC</a>	Notice Meeting	Water Quality Control Commission Notice of Public Hearing of the Water Quality Control Commission Announces a meeting for WQCC to receive comments or proposals related to water quality. Meeting is scheduled for 12/08/2015 in Santa Fe, New Mexico. <a href="#">Agenda will be available approximately 10 days before the meeting.</a>

## 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
OH103015-1	Air Asbestos	10/21/2015	<a href="#">DAPC- What's New</a>	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency Asbestos Emission Control Rules [OAC 3745-20] <a href="#">Solicits</a> stakeholder input on potential amendments to asbestos emission control rules, including: <ul style="list-style-type: none"> <li>Notification of demolition and renovation activities</li> <li>Asbestos waste handling</li> <li>Standards for asbestos-containing materials</li> </ul> Comments due 11/23/2015.
OH103015-2	Air Lead	10/29/2015	<a href="#">DAPC- What's New</a>	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency Lead Emission Rules [OAC 3745-71] <a href="#">Solicits</a> stakeholder input on lead emission air monitoring rules. Comments due 12/01/2015.
OH103015-3	Air Open Burning	10/30/2015	<a href="#">DAPC- What's New</a>	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Open Burning Regulations [OAC 3745-19-3 & -4] <a href="#">Finalizes</a> amendments to clarify approved purposes for open burning in restricted and unrestricted areas, including: <ul style="list-style-type: none"> <li>Prairie and grassland management</li> <li>Invasive species management</li> </ul> Effective 11/10/2015.
OH103015-4	Air SERC	10/26/2015	<a href="#">DAPC- What's New</a>	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency State Emergency Response Commission Rules [OAC 3750-15, 3750-25, 3750-30, 3750-50, 3750-80, 3750-85] <a href="#">Solicits</a> stakeholder input on SERC rules. Comments due 11/30/2015.
OH103015-5	Air SIP-PM <sub>2.5</sub>	10/19/2015	<a href="#">DAPC- What's New</a>	Proposed Rule Hearing	Division of Air Pollution Control, Ohio Environmental Protection Agency Draft Infrastructure SIP for the Statewide 2012 PM <sub>2.5</sub> Annual Standard <a href="#">Proposes</a> SIP revisions related to infrastructure requirements for the statewide 2012 PM <sub>2.5</sub> NAAQS. Hearing is scheduled for 11/23/2015 in Columbus, Ohio. Comments due 11/23/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH103015-6	Waste Hazardous Waste	10/26/2015	<a href="#">DMWM-Rules and Laws</a>	Final Rule	Division of Materials and Waste Management, Ohio Environmental Protection Agency Set "L" Hazardous Waste Rules [OAC 3745-50 to 3745-57, 3745-65, 3745-66, 3745-69, 3745-256, 3745-266, 3745-270, 3745-273, 3745-279] Finalizes revisions to numerous hazardous waste rules intended to align rules with federal RCRA standards, including rules related to: <ul style="list-style-type: none"> <li>Permitting</li> <li>Fees</li> <li>Identification and listing of wastes</li> <li>Generator, transporter, and TSD standards</li> <li>Land disposal restrictions</li> <li>Universal waste management</li> <li>Used oil management</li> </ul> Effective 10/31/2015.
OH103015-7	Water Permitting	10/28/2015	<a href="#">DSW-Rules and Laws</a>	Final Rule	Division of Surface Water, Ohio Environmental Protection Agency General Permit Rules [OAC 3745-38] <a href="#">Finalizes</a> revisions to general permit rules, including general NPDES permits. Effective 12/01/2015.

## 2.9 Texas State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
TX103015-1	Air	10/20/2015	<a href="#">80 FR 63429 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Clean Air Act Redesignation Substitute for the Houston-Galveston-Brazoria 1-Hour Ozone Nonattainment Area; Texas [40 CFR Part 52] Finalizes approval of the redesignation substitute for the HGB area for the revoked 1-hour Ozone NAAQS. Effective 11/19/2015. <b>The HGB area must maintain the revoked NAAQS for a period of 10 years from the effective date.</b>
TX103015-2	Waste	10/21/2015	<a href="#">80 FR 63691 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Texas: Final Authorization of State Hazardous Waste Management Program Revision [40 CFR Part 271] Direct final rule authorizes updates to the state hazardous waste program under RCRA to align with federal requirements. Effective 12/21/2015. Comments due 11/20/2015.

## 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
UT103015-1	Air Permitting	10/23/2015	<a href="#">UDAQ Website</a>	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Amend R307-405-3. Definitions; and R307-415-3. Definitions Proposes to remove multiple GHG emission sources from R307-405-3 and R307-415-3. Comments due 12/01/2015. <b>If finalized, Step 2 of the Tailoring Rule would not have the authority to apply PSD and Title V requirements to additional sources based solely on GHG emissions.</b>
UT103015-2	Air PM <sub>2.5</sub>	10/23/2015	<a href="#">UDAQ Website</a>	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Amend R307-101-2. Definitions; and R307-328-4. Loading of Tank Trucks, Trailers, Railroad Tank Cars, and Other Transport Vehicles Proposes to remove the term "PM <sub>2.5</sub> Precursor" and its definition from rule R307-101-2. Also proposes to remove the phrase "or alternative equivalent methods" from R307-328-4. Comments due 12/01/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
UT103015-3	Asbestos	10/23/2015	<a href="#">UDAQ Website</a>	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Amend R307-801. Utah Asbestos Rule Proposes revisions intended to enhance administration of the Asbestos Program. Comments due 12/01/2015.

## 2.11 Virginia State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA103015-1	Natural Resources Coastal Zone Management	11/02/2015	<a href="#">Virginia Town Hall website</a>	Notice	Virginia Coastal Zone Management Program, Virginia Department of Environmental Quality Draft Virginia Coastal Zone Management Program Coastal Enhancement Strategies Solicits comments on the draft Virginia Coastal Zone Management Program <a href="#">Section 309 Coastal Needs Assessment &amp; Strategy</a> . Comments due 11/20/2015.
VA103015-2	Species Beach Vitex	10/30/2015	<a href="#">Virginia Town Hall website</a>	Notice	Virginia Department of Agriculture and Consumer Services Rules and Regulation for Enforcement of the Virginia Pest Law - Beach Vitex Quarantine [2VAC5-316] Announces recommendation to repeal regulation, following periodic review.
VA103015-3	Storage Tanks ASTs	11/02/2015	<a href="#">32:5 VA.R. 649</a>	Notice Forms	State Water Control Board, Virginia Department of Environmental Quality Facility and Aboveground Storage Tank (AST) Regulation [9VAC25-91] Announces availability of the following forms: <ul style="list-style-type: none"> <li>Registration for Facility and Aboveground Storage Tank, <a href="#">VDEQ Form 7540-AST</a> (revised 11/2015)</li> <li>Approval <a href="#">Application</a> for Facility Oil Discharge Contingency Plan (revised 08/2007)</li> <li>Renewal <a href="#">Application</a> for Facility Oil Discharge Contingency Plan (revised 08/2007)</li> </ul>
VA103015-4	Waste Universal Waste	11/02/2015	<a href="#">32:5 VA.R. 603-618</a>	Proposed Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality Virginia Hazardous Waste Management Regulations [9VAC20-60] <a href="#">Proposes</a> to require testing, operational, closure, and record-keeping requirements for recycling facilities and universal waste handlers managing mercury-containing lamps. Also proposes specific requirements for small and large quantity handlers and destination facilities. Comments due 01/04/2016.  <b>If approved, amendments would qualify Virginia's mercury-containing universal waste program as a state equivalent program that would permit the crushing of mercury-containing lamps.</b>
VA103015-5	Water Permitting	11/02/2015	<a href="#">32:5 VA.R. 618-648</a>	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Fees for Permits and Certificates [9VAC25-20]; Virginia Pollutant Discharge Elimination System (VPDES) Permit Regulation [9VAC25-31]; Virginia Pollution Abatement (VPA) Permit Regulation [9VAC25-32] Finalizes the following amendments: <ul style="list-style-type: none"> <li>Allows localities to establish local monitoring programs to monitor the land application of solid and semi-solid industrial waste</li> <li>Requires SWCB to adopt regulations that would impose a fee on generators of land-applied solid or semi-solid industrial waste, and establishes necessary procedures for managing the funds</li> <li>Modifies definitions and includes new definitions pertaining to industrial wastes</li> <li>Addresses local enforcement of land application of industrial wastes</li> </ul> Effective 01/01/2016.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA103015-6	Water Wastewater	11/02/2015	<a href="#">32:5 VA.R. 747-748</a>	Notice Forms	<p>Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals, Virginia Department of Professional and Occupational Regulation</p> <hr/> <p>Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals Regulations [18VAC160-20]</p> <hr/> <p>Announces availability of the following forms:</p> <ul style="list-style-type: none"> <li>▪ Continuing Professional Education <a href="#">Application</a> Certificate of Completion, A436-19CPE-v2 (revised 05/2013)</li> <li>▪ Provisional Description &amp; Experience Verification <a href="#">Application</a>–Provisional Applicants only, A436-1955_65PEXP-v3 (effective 12/2014)</li> <li>▪ Training Course Approval <a href="#">Application</a>, A465-19CRS (revised 05/2013)</li> <li>▪ Experience Verification <a href="#">Application</a>–Onsite Sewage System Applicants only, A436-19OSSEXP-v3 (revised 01/2013)</li> <li>▪ Experience Verification <a href="#">Application</a>–Waterworks and Wastewater Works Operators Applicants only, A436-19WWEXP-v3 (effective 01/2014)</li> <li>▪ Out-of-State Facility Description &amp; Experience Verification <a href="#">Application</a>, A436-19STATE_EXP-v3 (effective 04/2015)</li> <li>▪ Education &amp; Training Substitution <a href="#">Form</a>, A436-19EDTR-v3 (effective 01/2014)</li> <li>▪ Onsite Soil Evaluator License <a href="#">Application</a>, A465-1940LIC-v1 (effective 01/2014)</li> <li>▪ Onsite Sewage System Operator License <a href="#">Application</a>, A465-1942LIC-v1 (effective 01/2014)</li> <li>▪ Suspension of Examination–Conventional Onsite Sewage System Installer License <a href="#">Application</a>, A436-1944WAIV-v4 (effective 08/2015)</li> <li>▪ Provisional Wastewater Works Operator License <a href="#">Application</a>, A436-1965PLIC-v2 (revised 01/2014)</li> <li>▪ Waterworks &amp; Wastewater Works Operator–Upgrade Provisional License <a href="#">Application</a>, A436-1955_65UPG-v2 (revised 01/2014)</li> <li>▪ Wastewater Works Operator License <a href="#">Application</a>, A436-1965LIC-v1 (effective 01/2014)</li> <li>▪ Wastewater Works Operator–Upgrade License <a href="#">Application</a>, A436-1955UPGLIC-v1 (effective 01/2014)</li> <li>▪ <a href="#">Waiver</a> of Examination–Conventional Onsite Sewage System Operator License <a href="#">Application</a>, A436-1942WAIV-v1 (effective 08/2014)</li> </ul>