



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

18 October 2013

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 "78 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).

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Acronyms and Abbreviations

ADEM = Alabama Department of Environmental Management

AIM = Architectural and industrial maintenance

AQ = Air quality

ARB = Air Resources Board

CAS = Chemical Abstract Service

CCR = California Code of Regulations

COMAR = *Code of Maryland Regulations*

CRNR = California Regulatory Notice Register

CTG = Control Technology Guidelines

DAPC = Division of Air Pollution Control

DARTIC = Developmental and Reproductive Toxicant Identification Committee

DecaBDE = Decabromodiphenylether

DFRC = Dryden Flight Research Center

DTSC = Department of Toxic Substances Control

DWR = Department of Water Resources

ECHA = European Chemicals Agency

EISA = Energy Independence and Security Act

EKAPCD = Eastern Kern Air Pollution Control District

EPA = U.S. Environmental Protection Agency

ERC = Emission reduction credit

EU = European Union

F.A.C. = Florida Administrative Code

FAR = Federal Acquisition Regulation

FEMP = Federal Energy Management Program

FR = *Federal Register*

GHG = Greenhouse gas

GRC = Glenn Research Center

GSA = General Services Agency

LAC = Louisiana Administrative Code

LR = Louisiana Register

$\mu\text{g}/\text{m}^3$ = Micrograms per cubic meter

MAF = Michoud Assembly Facility

MDE = Maryland Department of the Environment

Md.R. = *Maryland Register*

MS4 = Municipal separate storm sewer systems

NASA = National Aeronautics and Space Administration

NO_x = Nitrogen oxides

NPDES = National Pollutant Discharge Elimination System

NPS = Nonpoint source

OAC = Ohio Administrative Code

OEHHA = Office of Environmental Health Hazard Assessment

OEPA = Ohio Environmental Protection Agency

ppb = Parts per billion

PRD = Public review draft

PV = Photovoltaic

RACT = Reasonably available control technology

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

REL = Reference exposure level

RNRF = Renewable Natural Resources Foundation

RRAC PC = Principal Center for Regulatory Risk Analysis and Communication

SCAQMD = South Coast Air Quality Management District

SIP = State Implementation Plan

SCM = Suggested control measure

TIC = Toxics Information Clearinghouse

UNEP = United Nations Environment Program

U.S. = United States

VAC = Virginia Administrative Code

VDEQ = Virginia Department of Environmental Quality

VOC = Volatile organic compound

VPDES = Virginia Pollution Discharge Elimination System

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

No FR items of interest were identified during this reporting period.

1.2 Other News and Developments

1.2.1 Low Greenhouse Gas-Emitting Vehicle Procurement Webinar

The U.S. Environmental Protection Agency (EPA), the U.S. Department of Energy's Federal Energy Management Program ([FEMP](#)), and the General Services Agency ([GSA](#)) have announced the availability of a [webinar](#) that focuses on federal acquisition of fleet vehicles with low greenhouse gas (GHG) emissions. Such acquisitions will assist agencies to comply with Section 141 of the 2007 Energy Independence and Security Act ([EISA](#)), which established energy management and procurement requirements for federal agencies. The webinar is available on demand.

1.2.2 Minamata Convention on Mercury

On 10 October 2013, 92 nations [signed](#) the [Minamata Convention on Mercury](#), which is a United Nations Environment Program ([UNEP](#)) treaty designed to establish industrial controls and measures intended to reduce mercury emissions. UNEP also has posted two background documents—"Global Mercury Assessment 2013" and "[Mercury: Time to Act](#)"—that provide background data used in the development of the treaty. Mercury reduction measures established by the Minamata Convention include, but are not limited to, the following:

- Emission controls on large industrial facilities, including power plants
- Bans on the use of mercury in the following products by 2020:
 - Certain batteries
 - Switches and relays
 - Compact fluorescent lamps
 - Cold cathode fluorescent lamps and external electrode fluorescent lamps
 - Soaps and cosmetics

Although 92 countries have signed the treaty, it will not enter into force until 90 days after it has been ratified by at least 50 nations. The United States has not yet signed the Minamata Convention.

1.2.3 Congress on Coastal Resilience and Risk

The Renewable Natural Resources Foundation ([RNRF](#)) has scheduled the [Congress on Coastal Resilience and Risk](#) on 11 and 12 December 2013 in College Park, Maryland. The congress will focus on current and future risks resulting from large coastal storms (for example, Hurricane Sandy [2012] and Hurricane Katrina [2005]). The congress' intent is to identify infrastructure and policies that have the potential to increase the resilience of coastal regions to future storms. A summary report of the congress' proceedings will be included in a special edition of the "[Renewable Resources Journal](#)." Registration information is available at the Congress on Coastal Resilience and Risk's [website](#).

1.2.4 European Chemicals Agency Update

The European Chemicals Agency ([ECHA](#)) has [announced](#) a call for information about uses of decabromodiphenylether (DecaBDE; CAS No. 1163-19-5) for which identifying and implementing a substitute might be a significant challenge or take additional time. DecaBDE is a brominated flame retardant commonly used in plastics, polymers, textiles, and composite materials in industries such as aerospace. The deadline for submittal of information is 15 December 2013.

As part of its implementation of European Union's (EU's) regulation on the Registration, Evaluation, Authorization, and Restriction of Chemicals ([REACH](#)), ECHA [added](#) DecaBDE to the [Registry of Restriction Intentions](#) on 01 August 2013. ECHA expects submittal of the [Restriction](#) dossier for this substance in August 2014. The data gathered during ECHA's information solicitation will support the alternatives feasibility assessment portion of the dossier. After receipt of the dossier, ECHA is likely to propose DecaBDE for addition to the [List of Restrictions](#). Substances on the List of Restrictions have the potential to be limited or banned from manufacture, use in certain applications, or placement in the market in the EU. Although restriction does not affect operations in the U.S. directly, it can affect the global supply chain and potentially reduce the future availability of regulated substances.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 20 November 2013, 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](#).

2.1.1 25th Annual Nonpoint Source Conference

The Alabama Department of Environmental Management (ADEM) has [announced](#) that the 25th Annual Nonpoint Source Conference is scheduled for 22 January 2014 in Montgomery, Alabama. Proposed conference topics include the following:

- Development and implementation of watershed management plans
- Identifying NPS success
- Measuring water quality improvements
- Green infrastructure in MS4 areas

Registration information is available on ADEM's [website](#). Proposed agenda will be available for review at a later date.

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
CA101813-1	Air GHG	10/08/2013	ARB Website	Notice Meeting	<p>California Air Resources Board Emissions Market Assessment Committee Meeting</p> <p>Announces a public meeting to discuss issues related to the design and operation of the California Cap-and-Trade Program. Specific meeting topics could include the following:</p> <ul style="list-style-type: none"> ▪ Discussion of an allowance price ceiling ▪ Double-sided auctions ▪ Information release by ARB ▪ Holding and purchase limits <p>Public meeting is scheduled for 11/14/2013 in Sacramento, California.</p> <p>The Emissions Market Assessment Committee is an advisory group established by the ARB to provide expert analysis and advice through periodic public meetings and regular consultations with ARB staff.</p>	
CA101813-2	Toxic Substances Benzene	10/04/2013	OEHHA Website	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Transmittal to the Scientific Review Panel of the Proposed Revised Reference Exposure Levels for Benzene</p> <p>Announces availability of the following:</p> <ul style="list-style-type: none"> ▪ Revised draft document describing proposed updated RELs for benzene ▪ Summary of public comments received in response to publication of the original draft document (CRNR 2013, 25z, p. 945, 06/21/2013) <p>Meeting is scheduled for 11/01/2013 in Sacramento, California.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA101813-3	Toxic Substances Caprolactam	10/18/2013	CRNR 2013, 42z, p. 1617	Notice	Office of Environmental Health Hazard Assessment Adoption of Reference Exposure Levels for Caprolactam Adopts the following RELs for caprolactam: <ul style="list-style-type: none"> ▪ Acute (1-hour): 50 µg/m³ (11 ppb) ▪ 8-hour: 7 µg/m³ (1.4 ppb) ▪ Chronic: 2.2 µg/m³ (0.5 ppb) Caprolactam is the precursor to the widely used synthetic polymer Nylon 6.	
CA101813-4	Toxic Substances Consumer Products	10/11/2013	CRNR 2013, 41z, p. 1580	Final Rule	Department of Toxic Substances Control Safer Consumer Products [22 CCR 69501.3(b), 69509.1(a), and 69509.1(c)] Clarifies aspects of the Safer Consumer Product Regulations , which relate to the submission of documents to the DTSC and review of trade secret protection claims. Effective 10/01/2013. Additional information is available on the OEHHA Safer Consumer Products regulations website and portal.	
CA101813-5	Toxic Substances Hexafluoroacetone, Phenylphosphine	10/10/2013	CRNR 2013, 42z, p. 1617	Notice Withdrawal	Office of Environmental Health Hazard Assessment Withdrawal of Notice of Intent to Change the Basis for Listing as Known to the State of California to Cause Reproductive Toxicity: Hexafluoroacetone and Phenylphosphine Withdraws announcement of intentions to change the basis for the listing of hexafluoroacetone and phenylphosphine as known to the state to cause reproductive toxicity (CRNR 2013, 38z, p. 1477; 09/20/2013). DARTIC will evaluate, at a future meeting, whether the chemicals should remain on the list as known to cause reproductive toxicity.	
CA101813-6	Waste Hazardous Waste	10/18/2013	CRNR 2013, 42z, p. 1619	Notice	Department of Toxic Substances Control Disapproval of Proposed Rule to Regulate PV Modules as Hazardous Waste Disapproves suggested proposed text that would regulate PV modules as hazardous waste.	
CA101813-7	Water	10/16/2013	DWR Website	Notice	Department of Water Resources Notice of Availability of the Public Review Draft of the California Water Plan Update 2013. Announces the availability of the PRD of the California Water Plan Update 2013 . Comments due 11/18/2013. The California Water Plan was developed to provide information about the current and future status of water resources in California. The California Water Plan is updated every 5 years.	

2.2.1 Climate Change Bibliography

The Office of Environmental Health Hazard Assessment ([OEHHA](#)) has prepared a document titled, "[Recent Research on Climate Change: an Annotated Bibliography with an Emphasis on California](#)." The document summarizes historical publications that present data and information relevant to climate change and its potential impacts on California.

2.2.2 Climate Impacts of California's Water Systems

[The Climate Registry](#) has [released](#) a new white paper titled, "[California's Water-Energy-Climate Nexus: Energy and Greenhouse Gas Emissions Embedded in Water](#)." The paper addresses climate impacts related to California's water systems and proposes a framework for measuring and

addressing the energy use and GHGs associated with California's water and wastewater systems. Key proposals discussed in the document include the following:

- Introduction of a single energy and GHG registry for water agencies
- Development of GHG accounting guidance, specifically for water agencies, that addresses the entire water use cycle

2.2.3 Toxics Information Clearinghouse

The California Department of Toxic Substances Control ([DTSC](#)) recently released the Toxics Information Clearinghouse ([TIC](#)). The TIC, which was released in association with the adoption of the [Safer Consumer Products regulations](#), is a searchable database that contains links and information about potentially hazardous substances, including the following:

- Physical and chemical properties
- Exposure
- Public health and toxicology
- Environmental effects
- Regulations
- Green chemistry considerations
- Potential alternatives

2.2.4 California Air Districts Regulatory Review

2.2.4.1 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](#).

2.2.4.2 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](#).

2.2.4.3 Eastern Kern Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAE101813-1	Air Coatings	10/17/2013	EKAPCD Website	Proposed Rule	Eastern Kern Air Pollution Control District Metal, Plastic, and Pleasure Craft Parts and Products Coating Operations [Rule 410.4] Proposes revisions to Rule 410.4 that include the following: <ul style="list-style-type: none"> ▪ Incorporate RACT requirements in EPA's CTG. ▪ Limit VOC emissions from certain coating materials and operations. ▪ Add new exemptions. ▪ Amend and add new coating category definitions. ▪ Allow application methods and alternative method approval requirements. ▪ Amend administrative record-keeping and labeling requirements. ▪ Amend approved test methods. Public workshop is scheduled for 11/06/2013 in Mojave, California. Comments due 12/06/2013.	DFRC should be aware of this item.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAE101813-2	Air Coatings	10/17/2013	EKAPCD Website	Proposed Rule	<p>Eastern Kern Air Pollution Control District Motor Vehicle and Mobile Equipment Refinishing Operations [Rule 410.4A]</p> <p>Proposes revisions to Rule 410.4A that include the following:</p> <ul style="list-style-type: none"> ▪ Incorporate California ARB SCM for automotive coatings. ▪ Limit VOC emissions from certain coating activities. ▪ Add new exemptions. ▪ Revise and add new coating category definitions. ▪ Amend administrative record-keeping and labeling requirements. ▪ Amend approved test methods. <p>Public workshop is scheduled for 11/06/2013 in Mojave, California. Comments due 12/06/2013.</p>	DFRC should be aware of this item.
CAE101813-3	Air Coatings	10/17/2013	EKAPCD Website	Proposed Rule	<p>Eastern Kern Air Pollution Control District Aerospace Assembly and Coatings Operations [Rule 410.8]</p> <p>Proposes draft Rule 410.8 that would include the following requirements:</p> <ul style="list-style-type: none"> ▪ Incorporate RACT requirements in EPA's CTG. ▪ Limit VOC emissions for coatings, adhesives, sealants, lubricants, maskants, and primers. ▪ Limit VOC emissions for cleaning, stripping, storage, and disposal of organic solvents. <p>Public workshop is scheduled for 11/06/2013 in Mojave, California. Comments due 12/06/2013.</p>	DFRC and other NASA-related operations should be aware of this item.
CAE101813-4	Air Coatings	10/17/2013	EKAPCD Website	Proposed Rule	<p>Eastern Kern Air Pollution Control District Wood Products Surface Coating Operations [Rule 410.9]</p> <p>Proposes draft Rule 410.9 that would include the following requirements:</p> <ul style="list-style-type: none"> ▪ Limit VOC emissions for coatings used on wood products. ▪ Limit VOC emissions for cleaning, storing, and waste disposal of organic solvents. ▪ Establish a compliance schedule for existing facilities. <p>Public workshop is scheduled for 11/06/2013 in Mojave, California. Comments due 12/06/2013.</p>	DFRC should be aware of this item.
CAE101813-5	Air Coatings	10/17/2013	EKAPCD Website	Proposed Rule	<p>Eastern Kern Air Pollution Control District Polyester Resin Operations [Rule 432]</p> <p>Proposes draft Rule 432 that includes the following requirements:</p> <ul style="list-style-type: none"> ▪ Limit VOC emissions for polyester resin operations related to fiberglass composites, including certain aerospace-composites ▪ Incorporate RACT requirements in EPA's CTG. ▪ Establish a compliance schedule for existing facilities. <p>Public workshop is scheduled for 11/06/2013 in Mojave, California. Comments due 12/06/2013.</p>	DFRC and other NASA-related operations should be aware of this item.

2.2.4.4 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](#).

2.2.4.5 South Coast Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS101813-1	Air Engines	10/04/2013	SCAQMD Website	Notice	South Coast Air Quality Management District Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters [Rule 1146] and Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters [Rule 1146.1] Announces availability of the " Preliminary Draft Staff Report " in support of a previous proposed rule announcement (SCAQMD Website , 08/28/2013).	

2.2.4.6 Ventura County Air Pollution Control District

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

2.3 Florida State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL101813-1	Air Stationary Sources	10/03/2013	FAR #13643746	Final Rule	Department of Environmental Protection Definitions [Chapter 62-210.200, F.A.C.] Finalizes the following proposed revisions (FAR Notice #13229362 , 07/29/2013): <ul style="list-style-type: none"> ▪ Remove or revise obsolete definitions. ▪ Correct alphabetic order of the definitions. ▪ Renumber definitions. ▪ Revise definitions to conform to federal definitions. Effective 10/23/2013.	

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
LA101813-1	Air Asbestos	10/20/2013	1310Pot2	Notice Change	<p>Louisiana Department of Environmental Quality</p> <p>Notice of Public Hearing: Substantive Changes to Proposed Rule AQ330, Emission Standards for Asbestos (Demo/Reno) [LAC 33:III.5151]</p> <p>Announces availability of substantive changes to the proposed rule (AQ330, 04/20/2013), which would include clarification of the following:</p> <ul style="list-style-type: none"> ▪ Implementation of threshold levels and certain applicability determinations ▪ Disposal requirements for asbestos-containing material ▪ Notification requirements ▪ Training and accreditation requirements ▪ Incorporation of sign requirements <p>Public hearing is scheduled for 11/25/2013 in Baton Rouge, Louisiana. Comments due 11/25/2013.</p> <p>This rule applies to owners and operators of demolition or renovation activities.</p>	
LA101813-2	Air Permits- Engines	10/20/2013	AQ342	Proposed Rule	<p>Louisiana Department of Environmental Quality</p> <p>Regulatory Permit for Stationary Internal Combustion Engines [LAC 33:III.311]</p> <p>Proposes to expand applicability of the existing Regulatory Permit for Emergency Engines regulations to incorporate non-emergency stationary internal combustion engines. Public hearing is scheduled for 11/25/2013 in Baton Rouge, Louisiana. Comments due 12/02/2013.</p>	MAF should be aware of this action.
LA101813-3	Natural Resources Coastal Mitigation	10/20/2013	39:10 LR 2775	Final Rule	<p>Louisiana Department of Natural Resources Office of Coastal Management</p> <p>Mitigation [LAC 43:I.700 and 724]</p> <p>Finalizes amendments intended to align state coastal mitigation program regulatory practices with the Louisiana Comprehensive Master Plan for a Sustainable Coast requirements. Effective 10/20/2013.</p> <p>Additional information is available at the state resources website.</p>	
LA101813-4	Natural Resources Coastal Mitigation	10/20/2013	39:10 LR 2930	Proposed Rule	<p>Louisiana Department of Natural Resources Office of Coastal Management</p> <p>Mitigation [LAC 43:I. 724.J]</p> <p>Proposes to simplify mitigation rules for selecting compensatory mitigation and aligning coastal mitigation program regulatory practices with the "State's Integrated Ecosystem Restoration and Hurricane Protection: Louisiana's Comprehensive Master Plan for a Sustainable Coast." Comments due 11/10/2013.</p> <p>Additional information is available at the state resources website.</p>	

2.5 Maryland State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD101813-1	Land Management Fertilizers	10/18/2013	40:21 Md.R. 1780	Final Rule	<p>Department of Agriculture</p> <p>Soil and Water Conservation–Fertilizer Application Requirements for Land Not Used for Agricultural Purposes [COMAR 15.20.10]</p> <p>Establishes requirements related to fertilizer application and training for persons who apply fertilizers to land that is not used for agricultural purposes. Requirements include the following:</p> <ul style="list-style-type: none"> ▪ Certification and licensing ▪ Registration ▪ Record keeping and reporting ▪ Soil testing ▪ Civil penalties ▪ Rates of application criteria <p>Effective 10/28/2013.</p>	
MD101813-2	Radiation	10/18/2013	40:21 Md.R. 1843	Proposed Rule	<p>Department of the Environment</p> <p>Radiation Protection [COMAR 26.12.01]</p> <p>Proposes to incorporate by reference Supplement 23 to the Regulations for the Control of Ionizing Radiation (1994), including requirements regarding:</p> <ul style="list-style-type: none"> ▪ Radioactive material licensee decommissioning planning, and “construction” relative to radioactive material licensees ▪ Deletion of any use of a C-arm fluoroscope by untrained users ▪ Documentation of radiation machine preventive maintenance <p>Comments due 11/18/2013.</p> <p>Additional information is available on MDE's website.</p>	

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	Citation	Type Action	Description	Suggested Actions
OH101813-1	Air Coatings-VOCs	10/08/2013	DAPC-What's New	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Architectural and Industrial Maintenance (AIM) Coatings [OAC 3745-113] Finalizes rule amendments to make editorial revisions and remove certain reporting requirements specific to coating manufacturers and suppliers. Further details are provided in the public notice . Effective 10/18/2013. Rule regulates VOC content levels in specific types of AIM coatings distributed or offered for sale and applied in the State of Ohio.	
OH101813-2	Air ERC Banking	10/08/2013	DAPC-What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency ERC Banking Program [OAC 3745-111] Solicits input regarding potential rule amendments to the ERC Banking Program, as part of the 5-year rule review. Comments due 11/08/2013. The ERC Banking Program provides a means for identification, transfer, and application of credits.	
OH101813-3	Air Modeling	10/10/2013	DAPC-What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency Engineering Guide #69-Air Dispersion Modeling Guidance Announces availability of draft revisions for the DAPC's " Engineering Guide #69-Air Dispersion Modeling Guidance ." Revisions will align the rule with EPA's "Guideline on Air Quality Models" (Appendix W of 40 CFR Part 51). Comments due 11/01/2013. Further information is available on OEPA's Engineering Guides Notebook website.	
OH101813-4	Air NO _x Standards	10/11/2013	DAPC-What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency Nitrogen Oxides (NO _x) Standards Rules [OAC 3745-23] Solicits input about potential rule amendments as part of the 5-year rule review. These rules include requirements for ascertaining, defining, and measuring ambient air quality as related to concentrations of NO _x . Comments due 11/12/2013.	NASA Centers should be aware of this action.
OH101813-5	Water NPDES	10/18/2013	Public Notices	Notice	Division of Surface Water, Ohio Environmental Protection Agency Draft NPDES Permit Renewal Announces availability of the draft NPDES permit #3I000001*ID for GRC.	GRC should be aware of this action.

2.9 Texas State Regulatory Review

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

2.10 Utah State Regulatory Review

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

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
VA101813-1	Air SIP	10/16/2013	VDEQ Website	Notice	Air Pollution Control Board, Virginia Department of Environmental Quality General Definitions [9VAC5-10] and General Administration [9VAC5-170] Solicits comments about a proposed revision to Virginia's SIP to clarify the definitions of "mail" and "certified mail." Comments due 11/20/2013.	
VA101813-2	Air VOCs	10/11/2013	Virginia Town Hall Website	Final Rule	Air Pollution Control Board, Virginia Department of Environmental Quality Regulations for the Control and Abatement of Air Pollution [9VAC5-10] Direct final rule amends the definition of VOC to align it with recent changes to federal regulatory definitions. Effective 12/05/2013. Comments due 11/20/2013.	
VA101813-3	Waste Solid Waste	10/11/2013	Virginia Town Hall Website	Final Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality Solid Waste Management Regulations [9VAC20-81] Direct final rule amends the list of conditionally exempt solid waste activities to include certain open burning activities . Effective 12/05/2013. Comments due 11/20/2013.	
VA101813-4	Water VPDES	10/11/2013	Virginia Town Hall Website	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Virginia Pollution Discharge Elimination System General Permit for Discharges Resulting from the Application of Pesticides to Surface Waters [9VAC25-800] Finalizes amended water quality-based permit requirements, monitoring requirements, pesticide discharge management plans, and special conditions. Final rule supports the reissuance of the VPDES general permit for discharges resulting from the application of pesticides to surface waters. Effective 01/01/2014.	