



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

01 November 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).

Contents of This Issue

Acronyms and Abbreviations	3
1.0 U.S. Federal Regulatory Review	4
1.1 Federal Register Summary	4
1.2 Other News and Developments	7
1.2.1 <i>Toxics Release Inventory Data Use Report</i>	7
1.2.2 <i>New Combined Heat and Power Technical Assistance Partnerships</i>	7
1.2.3 <i>EPA Releases 2012 Greenhouse Gas Emissions Data</i>	8
1.2.4 <i>Water and Wastewater Energy Efficiency Strategy Guide</i>	8
1.2.5 <i>Remediation of Chlorinated and Recalcitrant Compounds Conference</i>	8
1.2.6 <i>European Regulatory Updates</i>	8
1.2.7 <i>Chemical Safety Web Resources</i>	9
1.2.8 <i>West Coast States and British Columbia Sign Climate Agreement</i>	9
1.2.9 <i>Energy Efficiency Workforce Training and Certification Guidelines</i>	9
1.2.10 <i>Reporting Under Clean Water Act Sections 303(d) and 305(b) Report</i>	10
1.3 NASA Regulatory Communication Working Group Updates	10
2.0 State Regulatory Reviews	11
2.1 Alabama State Regulatory Review	11
2.2 California State Regulatory Review	12
2.2.1 <i>2012 Greenhouse Gas Emissions and Cap-and-Trade Covered Entities</i>	13
2.2.2 <i>California Water Action Plan</i>	13
2.2.3 <i>California Diesel Vehicle Regulation Training</i>	14
2.2.4 <i>California Air Districts Regulatory Review</i>	14
2.2.4.1 <i>Antelope Valley Air Quality Management District</i>	14
2.2.4.2 <i>Bay Area Air Quality Management District</i>	14
2.2.4.3 <i>Eastern Kern Air Pollution Control District</i>	14
2.2.4.4 <i>Mojave Desert Air Quality Management District</i>	14
2.2.4.5 <i>South Coast Air Quality Management District</i>	15
2.2.4.6 <i>Ventura County Air Pollution Control District</i>	15
2.3 Florida State Regulatory Review	15
2.4 Louisiana State Regulatory Review	16
2.5 Maryland State Regulatory Review	17
2.6 Mississippi State Regulatory Review	17
2.7 New Mexico State Regulatory Review	18
2.8 Ohio State Regulatory Review	18
2.9 Texas State Regulatory Review	19
2.10 Utah State Regulatory Review	20
2.11 Virginia State Regulatory Review	20

Acronyms and Abbreviations

AAC = Alabama Administrative Code
 AAM = Alabama Administrative Monthly
 ACGIH = American Conference of Governmental Industrial Hygienists
 ARB = Air Resources Board
 ATCM = Airborne Toxic Control Measures
 BAAQMD = Bay Area Air Quality Management District
 BBP = Benzyl butyl phthalate
 BBWG = Better Buildings Workforce Guidelines
 BEI = Biological exposure index
 BLM = Bureau of Land Management
 BTU = British thermal unit
 CAAQS = California Ambient Air Quality Standards
 Cal EMA = California Emergency Management Agency
 Cal OES = California Office of Emergency Services
 CAS = Chemical Abstract Service
 CCR = California Code of Regulations
 CFR = *Code of Federal Regulations*
 CHP = Combined heat and power
 CO_{2e} = Carbon dioxide equivalent
 CRNR = California Regulatory Notice Register
 CWA = Clean Water Act
 DAPC = Division of Air Pollution Control
 DBP = Di-butyl phthalate
 DCM = Dichloromethane (methylene chloride)
 DEHP = Bis(2-ethylhexyl)phthalate
 DEP = Department of Environmental Protection
 DOE = U.S. Department of Energy
 ECHA = European Chemicals Agency
 EPA = U.S. Environmental Protection Agency
 ERP = Environmental Resource Permitting
 EU = European Union
 F.A.C. = Florida Administrative Code
 FAR = Federal Acquisition Regulation
 FDEP = Florida Department of Environmental Protection
 FR = *Federal Register*
 GDF = Gasoline dispensing facility
 GHG = Greenhouse gas
 GRC = Glenn Research Center
 GSFC = Goddard Space Flight Center
 HBCDD = Hexabromocyclododecane
 HFO = Hydrofluoroolefin
 HFO-1234yf = 2,3,3,3-Tetrafluoropropene
 IRIS = Integrated Risk Information System
 JPL = Jet Propulsion Laboratory
 MAB = Mississippi Administrative Bulletin
 Md.R = *Maryland Register*
 MDE = Maryland Department of the Environment
 µg/m³ = Micrograms per cubic meter
 NAA = Nonattainment area
 NAAQS = National Ambient Air Quality Standards
 NASA = National Aeronautics and Space Administration

NCEA = National Center for Environmental Assessment
 NESHAP = National Emission Standards for Hazardous Air Pollutants
 NIOSH = National Institute for Occupational Safety and Health
 NMAC = New Mexico Administrative Code
 NMP = n-Methylpyrrolidone
 NO₂ = Nitrogen dioxide
 NO_x = Nitrogen oxides
 NPDES = National Pollutant Discharge Elimination System
 NSPS = New Source Performance Standards
 NSR = New Source Review
 OAC = Ohio Administrative Code
 OSHA = Occupational Health and Safety Administration
 PEL = Permissible exposure limit
 PFAS = Perfluoroalkyl sulfonates
 PHG = Public Health Goals
 PM = Particulate matter
 PM_{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
 PSD = Prevention of Significant Deterioration
 RCRA = Resource Conservation and Recovery Act
 REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
 REL = Recommended exposure limit
 RIN = Regulatory Identification Number
 RoHS = Restriction of Hazardous Substances
 RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
 SCAB = South Coast Air Basin
 SCAQMD = South Coast Air Quality Management District
 SIP = State Implementation Plan
 SNUR = Significant New Use Rule
 SWPPP = Stormwater Pollution Prevention Plan
 TAC = Texas Administrative Code
 TAP = Technical Assistance Partnerships
 TCAA = Texas Clean Air Act
 TexReg = *Texas Register*
 TLV = Threshold limit value
 TMDL = Total maximum daily load
 TRI = Toxics Release Inventory
 TSCA = Toxic Substances Control Act
 U.S. = United States
 U.S.C. = U.S. Code
 USFWS = U.S. Fish and Wildlife Service
 VAC = Virginia Administrative Code
 VA.R. = *Virginia Register*
 VOC = Volatile organic compound
 VPA = Virginia Pollution Abatement
 VPDES = Virginia Pollutant Discharge Elimination System
 WSTF = White Sands Test Facility

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED110113-1	Air VOCs	10/22/2013	78 FR 62451 HTML PDF	Final Rule	U.S. Environmental Protection Agency Air Quality: Revision to Definition of Volatile Organic Compounds—Exclusion of 2,3,3,3-tetrafluoropropene [40 CFR Part 51] Finalizes the addition of HFO-1234yf to the list of compounds excluded from the regulatory definition of VOCs. As a result, HFO-1234yf emissions might not be regulated for certain purposes. Effective 11/21/2013. [RIN 2060-AR70]	NASA operations using, or planning to use, HFO-1234yf should be aware of this action.
FED110113-2	Energetic Materials	10/28/2013	78 FR 64246 HTML PDF	Notice	Bureau of Alcohol, Tobacco, Firearms, and Explosives Commerce in Explosives; List of Explosive Materials Announces availability of the annual updated list of explosives covered by 18 U.S.C. 841, et seq. The list also covers blasting agents, detonators, and black powder substitutes, all of which are defined as explosive materials. Effective 10/28/2013.	
FED110113-3	Energy Biomass	10/30/2013	78 FR 64932 HTML PDF	Notice Meeting	U.S. Department of Energy Biomass Research and Development Technical Advisory Committee Announces a public meeting to discuss proposed agenda items, including updates about biomass research and development activities. Public participants must give notice of attendance by 11/14/2013. Meeting is scheduled to begin 11/21/2013 in Washington, D.C.	
FED110113-4	Occupational Safety Respirable Crystalline Silica	10/31/2013	78 FR 65242 HTML PDF	Notice Hearing	Occupational Safety and Health Administration Occupational Exposure to Crystalline Silica; Extension of Comment Period; Extension of Period To Submit Notices of Intention To Appear at Public Hearings; Scheduling of Public Hearings [29 CFR Parts 1910, 1915, and 1926] Announces a public hearing to discuss the proposed rule (78 FR 56273 , 09/12/2013) to amend standard for occupational exposure to respirable crystalline silica. Hearing will begin 03/18/2014 in Washington, D.C. Comments due 01/27/2014. [RIN 1218-AB70]	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED110113-5	Policy Climate Change	11/06/2013	78 FR 66817 HTML PDF	Executive Order	<p>Executive Office of the President</p> <p>Executive Order 13653--Preparing the United States for the Impacts of Climate Change</p> <p>Requires executive agencies to prepare for anticipated climate change through the following actions:</p> <ul style="list-style-type: none"> ▪ Identify, review, and revise policies and programs that impeded preparation for climate change. ▪ Inventory and assess proposed and completed changes to land- and water-related policies, programs, and regulations. ▪ Collaborate to develop and provide climate preparedness and resilience data and support tools. ▪ Develop Agency Adaptation Plans to document agency actions intended to manage risks and vulnerabilities. <p>Also establishes a Council on Climate Preparedness and Resilience, as well as a State, Local, and Tribal Leaders Task Force on Climate Preparedness and Resilience, to identify and implement preparedness strategies.</p> <p>Additional information is available at the EPA Adaptation Program website.</p>	NASA Centers should be aware of this item.
FED110113-6	Remediation Environmental Site Assessments	10/29/2013	78 FR 64403 HTML PDF	Final Rule Withdrawal	<p>U.S. Environmental Protection Agency</p> <p>Amendment to Standards and Practices for All Appropriate Inquiries [40 CFR Part 312]</p> <p>Withdraws the direct final rule (78 FR 49690, 08/15/2013) intended to amend Standards and Practices for All Appropriate Inquiries to reference ASTM International's "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." Effective 10/29/2013.</p>	
FED110113-7	Species Gray Wolf, Mexican Wolf	10/28/2013	78 FR 64192 HTML PDF	Notice Hearing	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Extending the Public Comment Periods and Rescheduling Public Hearings Pertaining to the Gray Wolf (<i>Canis lupus</i>) From the List of Endangered and Threatened Wildlife and Maintaining Protections for the Mexican Wolf (<i>Canis lupus baileyi</i>) [50 CFR Part 17]</p> <p>Announces rescheduling of public meetings (78 FR 54613, 09/05/2013) focusing on the proposed rules (78 FR 35663 and 78 FR 35719, 06/13/2013) that would complete the following:</p> <ul style="list-style-type: none"> ▪ Remove the gray wolf from the List of Endangered or Threatened Wildlife. ▪ List the Mexican wolf as a subspecies. ▪ Revise designation of the Nonessential Experimental Population of the Mexican Wolf. <p>Public hearings are rescheduled for the following dates and locations:</p> <ul style="list-style-type: none"> ▪ 11/19/2013 in Denver, Colorado ▪ 11/20/2013 in Albuquerque, New Mexico ▪ 11/22/2013 in Sacramento, California, ▪ 12/03/2013 in Pinetop, Arizona <p>Comments due 12/17/2013.</p> <p>Additional information is available on the USFWS website.</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED110113-8	Toxic Substances Benzo[a]pyrene	10/24/2013	78 FR 63464 HTML PDF	Notice Meeting	<p>U.S. Environmental Protection Agency</p> <p>Notice of Extension of the Public Comment Period on the Draft Toxicological Review of Benzo[a]pyrene: In Support of the Summary Information on the Integrated Risk Information System (IRIS) and the Addition of Benzo[a]pyrene to the Agenda for the December 2013 IRIS Bimonthly Meeting</p> <p>Announce a public meeting to discuss proposed agenda items, including the draft assessment of benzo[a]pyrene. Meeting is scheduled to begin 12/12/2013 in Arlington, Virginia. Comments due 11/21/2013.</p> <p>Additional information is available on the IRIS website.</p>	
FED110113-9	Toxic Substances Chlorinated Dibenzo-p-Dioxins, Polybrominated Diphenyl Ethers, and Phthalates	10/25/2013	78 FR 63981 HTML PDF	Notice	<p>U.S. Department of Health and Human Services</p> <p>Availability of Interaction Profile for Chlorinated Dibenzo-p-Dioxins, Polybrominated Diphenyl Ethers, and Phthalates</p> <p>Announces availability of the interaction profile for the following substances:</p> <ul style="list-style-type: none"> ▪ Chlorinated Dibenzo-p-Dioxins ▪ Polybrominated Diphenyl Ethers ▪ Phthalates <p>Comments due 12/02/2013.</p>	
FED110113-10	Toxic Substances DCM, NMP	10/30/2013	78 FR 64936 HTML PDF	Notice Meeting	<p>U.S. Environmental Protection Agency</p> <p>Dichloromethane and N-Methylpyrrolidone TSCA Chemical Risk Assessment; Notice of Rescheduled Public Meetings and Extension of Opportunity To Comment</p> <p>Reschedules the 10/15/2013 and 11/12/2013 teleconferences for peer review of EPA's draft, "TSCA Workplan Chemical Risk Assessment for Dichloromethane and N-Methylpyrrolidone," which focuses on the use of DCM (methylene chloride) and NMP in paint stripping (78 FR 52525, 08/23/2013). Participants must register for the teleconferences, which are scheduled for 11/08/2013 and 12/13/2013. Comments due 11/22/2013.</p> <p>Additional information is available on EPA's website.</p>	
FED110113-11	Toxic Substances SNUR	10/22/2013	78 FR 62443 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Perfluoroalkyl Sulfonates and Long-Chain Perfluoroalkyl Carboxylate Chemical Substances; Final Significant New Use Rule [40 CFR Parts 9 and 721]</p> <p>Finalizes SNUR amendments related to certain types of PFAS substances listed generically as follows:</p> <ul style="list-style-type: none"> ▪ Modified fluoroaliphatic adduct ▪ Fluorochemical epoxide ▪ Fluorinated polysiloxanes ▪ Fluorochemical esters ▪ Fluoroalkyl derivative ▪ Perfluorooctane sulfonate <p>Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for any use. Effective 12/23/2013. [RIN 2070-AJ95]</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED110113-12	Toxic Substances SNUR	11/01/2013	78 FR 65570 HTML PDF	Final Rule	U.S. Environmental Protection Agency Modification of Significant New Uses of 1-Propene, 2,3,3,3-tetrafluoro- [40 CFR Part 721] Finalizes the proposed rule (78 FR 32617), 05/31/2013) to remove the requirement to notify EPA at least 90 days prior to the manufacture or processing of HFO-1234yf for certain motor vehicle air conditioning uses. Effective 12/02/2013. [RIN 2070-AB27]	
FED110113-13	Waste RCRA	10/23/2013	78 FR 63185 HTML PDF	Notice	U.S. Environmental Protection Agency Waste Management System; Testing and Monitoring Activities; Update V of SW-846 Announces the availability of Update V to EPA's " Test Methods for Evaluating Solid Waste, Physical/Chemical Methods ," which includes new and revised analytical methods determined to be appropriate for monitoring or complying with RCRA regulations. Comments due 01/21/2014. Additional information is available on EPA's website.	
FED110113-14	Water Monitoring	10/31/2013	78 FR 65306 HTML PDF	Notice	U.S. Environmental Protection Agency Best Practices for Continuous Monitoring of Temperature and Flow in Wadeable Streams Solicits comments on the draft document, " Best Practices for Continuous Monitoring of Temperature and Flow in Wadeable Streams ," which addresses collection of continuous temperature and water depth data in wadeable streams. Comments due 12/02/2013. Additional information is available on the NCEA website.	

1.2 Other News and Developments

1.2.1 Toxics Release Inventory Data Use Report

On 23 October 2013, EPA [released](#) a [report](#) titled, "The Toxics Release Inventory (TRI) in Action: Media, Government, Business, Community, and Academic Uses of TRI Data." [TRI](#) is a database that consists of the types and amounts of certain toxic chemicals managed or released into the environment by facilities in the U.S. The TRI in Action report provides historical and future examples of practical applications of TRI database information.

1.2.2 New Combined Heat and Power Technical Assistance Partnerships

On 21 October 2013, EPA and the U.S. Department of Energy ([DOE](#)) [announced](#) the availability of regional combined heat and power ([CHP](#)) technical assistance partnerships ([TAPs](#)). CHP, also referred to as cogeneration, is an integrated energy system where one fuel source produces electricity and heat simultaneously. The intent of cogeneration is to increase energy efficiency and infrastructure reliability.

The intent of CHP TAPs is to provide energy efficiency services such as market opportunity analysis, education, outreach, and technical assistance for the following regions:

- [Mid-Atlantic](#)
- [Midwest](#)
- [Northeast](#)
- [Northwest](#)
- [Pacific](#)
- [Southeast](#)
- [Southwest](#)

Public, private, and government organizations can become [CHP partners](#) with EPA and DOE by submitting a signed letter of consent and following established [CHP partner requirements](#).

1.2.3 EPA Releases 2012 Greenhouse Gas Emissions Data

On 23 October 2013, EPA [released](#) 2012 greenhouse gas (GHG) emissions [data](#) for large facilities such as power plants, oil and gas production facilities, iron and steel mills, and landfills. Under EPA's [GHG Reporting Program \(40 CFR Part 98\)](#), emitters of GHGs in amounts greater than or equal to 25,000 metric tons of carbon dioxide equivalent (CO₂e) per year must annually report direct emissions of carbon dioxide, methane, nitrous oxide, and fluorinated gases to EPA.

According to 2012 data, 7,809 facilities reported a total of 3.13 billion metric tons of CO₂e emissions, 883 facilities reported fuel or gas supplied, and 86 facilities reported carbon dioxide injected underground. The 2012 GHG data are available through the following EPA resources:

- [Detailed and Summary Data Sets](#)
- [Envirofacts](#)—EPA's comprehensive data search
- [FLIGHT](#)—EPA's Facility Level Information on Greenhouse Gases Total

1.2.4 Water and Wastewater Energy Efficiency Strategy Guide

EPA recently released a strategy guide focused on [energy efficiency in water and wastewater facilities](#). The strategy guide is part of EPA's [Local Government Climate and Energy Strategy Series](#), which provide guidance and information for governing bodies and energy program managers about the following topics:

- [Energy Efficiency](#)
- [Transportation](#)
- [Community Planning & Design](#)
- [Solid Waste & Materials Management](#)
- [Renewable Energy](#)

1.2.5 Remediation of Chlorinated and Recalcitrant Compounds Conference

The [Ninth International Conference on Remediation of Chlorinated and Recalcitrant Compounds](#) is scheduled for 19 through 22 May 2014 in Monterey, California. The conference will focus on the following chlorinated and recalcitrant compound remediation topics:

- Characterization, fate and transport, and risk assessment
- Innovative developments for physical, chemical, and biological remediation
- Assessment and treatment of nontraditional recalcitrant contaminants
- Emerging issues
- Best management practices for remediation sites
- International environmental restoration markets

[Registration](#) is required for attendance.

1.2.6 European Regulatory Updates

On 16 October 2013, as part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals ([REACH](#)), the European Chemical Agency ([ECHA](#)) [added](#) ammonium salts in cellulose wadding insulation materials to the [Registry of Restriction Intentions](#). ECHA expects the technical dossier for this substance to be submitted in January 2014. After the dossier is received, the substance likely will be proposed for addition to the [Restrictions List](#). Substances on the List of Restrictions have the potential to be limited or banned from manufacture, use, or placement in the market in the EU.

On 23 October 2013, as part of the ongoing "Study for the Review of the List of Restricted Substances under the Restriction of Hazardous Substances ([RoHS](#)) Directive," Austria [published](#) dossiers proposing the addition of four substances to Annex II of the RoHS [Directive 2011/65/EU](#), the list of restricted substances. Applicable in the EU, RoHS restricts the use of certain hazardous

substances in electrical and electronic equipment. Comments about the dossiers are due 11 November 2013. The substances for which dossiers were published are listed in the following table:

Substance Name	CAS Number
Di-butyl phthalate (DBP)	84-74-2
Benzyl butyl phthalate (BBP)	85-68-7
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7
Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6

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

1.2.7 Chemical Safety Web Resources

On 24 October 2013, the Occupational Health and Safety Administration (OSHA) [announced](#) availability of the following web resources intended to promote worker safety in the presence of hazardous chemicals in the workplace:

- "Transitioning to Safer Chemicals" [toolkit](#): provides information, methods, tools, and guidance for replacing hazardous chemicals with safer alternatives.
- Exposure Limit Tables: this comparative list of annotated permissible exposure limits ([PELs](#)) provides a side-by-side comparison of OSHA PELs, National Institute for Occupational Safety and Health ([NIOSH](#))-recommended exposure limits (RELs), and American Conference of Governmental Industrial Hygienists ([ACGIH](#)) threshold limit values (TLVs) and biological exposure indexes (BEIs).

1.2.8 West Coast States and British Columbia Sign Climate Agreement

Governments associated with the [Pacific Coast Collaborative](#) have signed the "[Pacific Coast Action Plan on Climate and Energy](#)," which is an agreement that establishes GHG reduction policies. The Pacific Coast Collaborative is a cooperative organization composed of the state and provincial governments of California, Oregon, Washington, Alaska, and British Columbia. The Pacific Coast Action Plan sets the following regional goals:

- Determine the cost of carbon pollution in each jurisdiction
- Harmonize 2050 GHG emission goals
- Expand the use of zero-emission vehicles
- Research and combat ocean acidification
- Adopt and enhance low-carbon fuel standards for each jurisdiction
- Develop and enhance high-speed rail systems

1.2.9 Energy Efficiency Workforce Training and Certification Guidelines

Through the [Better Buildings Initiative](#), the DOE has [announced](#) the Better Buildings Workforce Guidelines ([BBWG](#)) project. The Better Buildings Initiative is a federal program established to increase energy efficiency in industrial and commercial buildings by 20 percent by 2021, compared with a baseline of 2011. As part of the Better Buildings Initiative, the BBWG project will develop training and certification criteria for certain staff with energy-related responsibilities at commercial buildings.

1.2.10 Reporting Under Clean Water Act Sections 303(d) and 305(b) Report

On 27 September 2013, EPA released a [memorandum and a report](#) regarding the reporting burden of states under Sections 303(d) and 305(b) of the Clean Water Act (CWA). Under CWA Section 303(d), states are required to submit to EPA a list of impaired or threatened waters where a total maximum daily load (TMDL) has not yet been established. CWA Section 305(b) requires states to submit to EPA a report on the status of the nation's waters every 2 years. The report states that EPA does not intend to change the length of the reporting cycle. However, EPA plans to take steps to streamline Section 305(b) reports and to improve the 303(d) and 305(b) programs.

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](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
AL110113-1	Water Water Quality	10/31/2013	AAM Vol. XXXII, No. 1	Proposed Rule	Alabama Department of Environmental Management Toxic Pollutant Criteria Applicable to State Waters [AAC 335-6-10-.07] Proposes to correct grammatical errors and to clarify in Table 1 that arsenic is expressed as the trivalent form. Proposed rule text and summary of reasons are available for review. Hearing is scheduled for 12/18/2013 in Montgomery, Alabama. Comments due 12/18/2013.	
AL110113-2	Water Water Quality	10/31/2013	AAM Vol. XXXII, No. 1	Proposed Rule	Alabama Department of Environmental Management Waste Treatment Requirements [AAC 335-6-10-.08] Proposes to add clarifying language consistent with 40 CFR Part 133. Proposed rule text and summary of reasons are available for review. Hearing is scheduled for 12/18/2013 in Montgomery, Alabama. Comments due 12/18/2013.	
AL110113-3	Water Water Quality	10/31/2013	AAM Vol. XXXII, No. 1	Proposed Rule	Alabama Department of Environmental Management The Use Classification System [AAC 335-6-11-.01] Proposes to correct a grammatical error. Proposed rule text and summary of reasons are available for review. Hearing is scheduled for 12/18/2013 in Montgomery, Alabama. Comments due 12/18/2013.	
AL110113-4	Water Water Quality	10/31/2013	AAM Vol. XXXII, No. 1	Proposed Rule	Alabama Department of Environmental Management Use Classifications [AAC 335-06-11-.02] Proposes the following actions: <ul style="list-style-type: none"> ▪ Add an "Amended" date from a previous rulemaking change. ▪ Update certain use classifications within the Tennessee River Basin. ▪ Correct grammatical errors. ▪ Clarify existing language. Proposed rule text and summary of reasons are available for review. Hearing is scheduled for 12/18/2013 in Montgomery, Alabama. Comments due 12/18/2013.	

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
CA110113-1	Administration	11/01/2013	CRNR 2013, 44z, p. 1710	Notice	Office of Spill Prevention and Response Change of Name for Cal EMA to Cal OES [14 CCR 817.02-817.03, 818.02-818.03, 820.01, 827.02, 852.60.2, and 852.62.2] Replaces, without regulatory effect, references to the "California Emergency Management Agency" with "California Office of Emergency Services."	
CA110113-2	Air Cap-and-Trade	10/23/2013	ARB Website	Notice	California Air Resources Board Draft Board Resolution for the California Cap-and-Trade Regulation [17 CCR 95800-96023] Announces the availability of Resolution 13-44 , which contains an overview of the main topics proposed for further consideration in the development of the regulatory text. Resolution 13-44 was developed in response to the Board's consideration of the originally proposed revisions to the Cap-and-Trade Regulation on 10/25/2013.	
CA110113-3	Air GHG	10/28/2013	ARB Website	Notice	California Air Resources Board Proposed Amendments to the Regulation for the Mandatory Reporting of GHG Emissions [17 CCR 95100-95157] Announces availability of proposed modifications to the Regulation for the Mandatory Reporting of GHG Emissions. Comments due 11/15/2013. These modifications are updates to the originally proposed revisions, which were considered by the Board on 10/25/2013.	
CA110113-4	Air Vehicles	10/25/2013	CRNR 2013, 43z, p. 1656	Proposed Rule	California Air Resources Board Proposed GHG Regulations for Medium- and Heavy-Duty Engines and Vehicles; Optional Reduced Emission Standards for Heavy-Duty Engines; Proposed Amendments to the Tractor-Trailer GHG Regulation; Proposed Amendments to the Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling; and Proposed Amendments to the California Interim Certification Procedures for 2004 and Subsequent Model Hybrid-Electric and Other Hybrid Vehicles in the Urban Bus and Heavy-Duty Vehicle Classes [13 CCR 1900, 1956.8, 2036-2037, 2112, 2139-2140, 2147, and 2485, and 17 CCR 95300- 95303, 95305, and 95660-95664] Proposes the following actions: <ul style="list-style-type: none"> Establish new GHG emission standards for medium- and heavy-duty engines and vehicles. Amend existing Tractor-Trailer GHG Regulation. Adopt new optional NO_x standards for heavy-duty vehicle engines. Expand the compliance responsibility of the ATCM limiting diesel-fueled commercial vehicle idling time. Revise the hybrid vehicle certification procedures. Public meeting is scheduled for 12/12/2013 in Sacramento, California. Comments due 12/12/2013. Additional information is available on the ARB website.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA110113-5	Toxic Substances Proposition 65	11/01/2013	CRNR 2013, 44z, p. 1706	Notice	Office of Environmental Health Hazard Assessment Proposed Public Health Goals for Chlorobenzene, Endothall, Hexachlorocyclopentadiene, Silvex, and Trichlorofluoromethane in Drinking Water Announces availability of a draft technical support document for proposed updates to the PHGs for the following compounds in drinking water: <ul style="list-style-type: none"> ▪ Chlorobenzene ▪ Endothall ▪ Hexachlorocyclopentadiene ▪ Silvex ▪ Trichlorofluoromethane Public workshop is scheduled for 12/16/2013 in Sacramento, California. Comments due 12/16/2013. PHGs establish a level of drinking water contaminant at which adverse health effects are not expected to occur from a lifetime of exposure and are considered in setting drinking water standards.	
CA110113-6	Water Discharge Fees	11/01/2013	CRNR 2013, 44z, p. 1710	Final Rule	State Water Resources Control Board Emergency Regulations to Conform with Budget Act 2013-14 [23 CCR 2200 and 2200.5-2200.6] Adjusts the fees assessed to persons issued waste discharge permits to conform to the revenue levels set forth in the Budget Act for fiscal year 2013-2014. Effective 10/23/2013.	
CA110113-7	Water Encroachment Permits	10/25/2013	CRNR 2013, 43z, p. 1679	Proposed Rule	California Department of Water Resources Adoption of Regulations for Issuance of Encroachment Permit and Enforcement of Access to the Right-of-Way Along the State Water Resources Development System [23 CCR 600-630] Proposes rules and procedures for obtaining and removing Encroachment Permits. Public meeting is scheduled for 12/09/2013 in Sacramento, California. Comments due 12/09/2013. Encroachment permits are required when an entity proposes to construct within, under, or over the state's right-of-way.	

2.2.1 2012 Greenhouse Gas Emissions and Cap-and-Trade Covered Entities

On 04 November 2013, the California Air Resources Board ([ARB](#)) released the [2012 GHG emissions data](#), collected under the ARB's Mandatory Greenhouse Gas (GHG) Reporting Program. The ARB also posted an updated [list of entities](#) covered under the [California Cap-and-Trade Program](#).

2.2.2 California Water Action Plan

The [California National Resources Agency](#), [California Department of Food and Agriculture](#), and [California Environmental Protection Agency](#) collaborated to develop and [release](#) a public review draft of the "[California Water Action Plan](#)." This plan is intended to provide guidance regarding sustainable water management, addressing issues such as water conservation, ecosystem protection and restoration, and preparation for dry periods. Additional information is available at the California Department of Water Resources [webpage](#). [Comment deadline](#) is 18 November 2013.

2.2.3 California Diesel Vehicle Regulation Training

The [ARB](#) recently added additional training dates for courses focusing on California's diesel vehicle regulations. The purpose of these courses is to provide diesel vehicle owners, operators, and maintenance personnel with information about the requirements and technologies available to assist with regulations compliance. Course schedule and locations are as follows:

Course	Training Date	Location
#504: In-Use Off-Road Diesel Vehicle Regulation Tracking	11/07/2013	Salinas, California
	12/05/2013	San Diego, California
#505: Large Spark-Ignition Fleet Regulation Training	11/07/2013	Salinas, California
	12/05/2013	San Diego, California
#511: Diesel Exhaust After-Treatment Devices	11/20/2013	Sacramento, California
	12/04/2013	San Diego, California
#520: How to Comply with ARB Diesel Regulations	11/18/2013	Sacramento, California

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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAB110113-1	Air Open Burning	10/31/2013	BAAQMD Website	Notice	Bay Area Air Quality Management District Permissive Burn Periods for Orchard Pruning and Attrition and Forest Management Fires Open Announces scheduling of activities including the forest management open burn season, which will take place 11/01/2013 through 04/30/2014. Notification of burns and notification fee payments must be made to the BAAQMD prior to burning.	
CAB110113-2	Air Organic Liquid Storage Tanks	10/17/2013	BAAQMD Website	Notice	Bay Area Air Quality Management District Tank Degassing Requirements for Regulation 8, Rule 5, Organic Liquid Storage Tanks Announces availability of a compliance advisory regarding tank degassing notification and measurement requirements.	

2.2.4.3 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](#).

2.2.4.4 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
CAS110113-1	Air Air Quality	10/25/2013	CRNR 2013, 43z, p. 1670	Proposed Rule	<p>California Air Resources Board</p> <p>Proposed Amendments to the Area Designations for State Ambient Air Quality Standards [17 CCR 60201, 60203, 60205, 60207, and 60210]</p> <p>Proposes the following amendments to regulations designating areas of California as attainment or non-attainment with the CAAQS:</p> <ul style="list-style-type: none"> Change the SCAB designation for NO₂ from non-attainment to attainment. Change the Los Angeles County designation for lead from non-attainment to attainment. <p>Comments due 12/11/2013.</p> <p>Additional information is available on the ARB website.</p>	JPL should be aware of this action.
CAS110113-2	Air SIP-PM	10/29/2013	78 FR 64402 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; California; South Coast; Contingency Measures for 1997 PM_{2.5} [40 CFR Part 52]</p> <p>Approves revisions to the SCAQMD portion of the SIP to address contingency measure requirements for the 1997 annual and 24-hour NAAQS for PM_{2.5} in the Los Angeles-South Coast Air Basin. Effective 11/29/2013.</p>	

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
FL110113-1	Air SIP-Ozone	11/01/2013	78 FR 65559 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; Florida; Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards [40 CFR Part 52]</p> <p>Finalizes approval of SIP infrastructure submissions concerning requirements for the 8-hour Ozone NAAQS. Disapproves SIP infrastructure submissions related to PSD requirements regarding regulation of GHG emissions. Effective 12/02/2013.</p>	
FL110113-2	Radiation Radiation Hazards	10/23/2013	FAR Notice #13716690	Proposed Rule Change	<p>Department of Health</p> <p>Control of Radiation Hazards [Chapter 64E-5, F.A.C.]</p> <p>Changes proposed rule (FAR Notice #12899465, 04/19/2013) to incorporate by reference links to 49 CFR 173.403, 10/01/2012 edition and 10 CFR 20.2207(h), 01/01/2013 edition. Draft proposed rule text is available in the FAR notice.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL110113-3	Radiation Radiation Protection	10/22/2013	FAR Notice #13508334	Notice Meeting	Department of Health Bureau of Radiation Control Announces a meeting to discuss and make recommendations about radiation protection issues. Meeting is scheduled for 11/19/2013 in Orlando, Florida. Further information regarding the Bureau is available on its website.	
FL110113-4	Water	11/01/2013	FAR Notice #13747633	Notice Meeting	Department of Environmental Protection Bacteria Technical Advisory Committee Announces a meeting to discuss the following topics: <ul style="list-style-type: none"> ▪ Proposed bacteriological criteria ▪ Impaired waters listing process ▪ Proposed calculation method for developing bacteriological TMDLs Meeting is scheduled for 11/19/2013 in Orlando, Florida, or available by webinar . Further information regarding bacteria water quality criteria is available on the FDEP website.	
FI110113-5	Water ERP	09/13/2013	FAR Notice #13554409 , #13554506 , #13554603 , #13554700 , #13554797 , #13554991 , #13555088 , #13555282 , #13555379 , #13555476 , #13555573 , #13555670 , #13555767 , #13555864 , #13555961 , #13556058 , #13556155 , #13556252 , #13556349 , #13556446 , #13556543 , #13556640 , #13556737 , #13556834 , #13556931 , #13557028 , #13557125 , #13557222 , #13557319 , #13557416 , #13557513 , #13558095 , #13558192 , #13558968 , #13559647 , #13560229 , #13561684 , #13561878 , and #13561975	Final Rule	Department of Environmental Protection Environmental Resource Permitting [Chapter 62-330, F.A.C.] Finalizes rule establishing statewide ERP rules to regulate construction, alteration, operation, maintenance, repair, abandonment, and removal of the following: <ul style="list-style-type: none"> ▪ Stormwater management systems ▪ Dams ▪ Impoundments ▪ Reservoirs ▪ Appurtenant works Effective 10/01/2013. Further information is available on the DEP ERP rulemaking website.	

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

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
MD110113-1	Water Stormwater- Permit	11/01/2013	40:22 Md.R. 1893	Final Rule	<p>Department of the Environment General Permit for Stormwater Discharges from Industrial Facilities</p> <p>Announces reissuance of the NPDES General Permit for Stormwater Discharges from Industrial Facilities . Revisions include:</p> <ul style="list-style-type: none"> ▪ Notice of Intent form requiring more detailed information ▪ Electronic SWPPP submittal ▪ Restoration of impervious surfaces referencing updated "Maryland Stormwater Design Manual" for guidance ▪ Monitoring, inspection, and reporting requirements ▪ Clarifications about the types of eligible discharges authorized by the permit <p>Effective 01/01/2014.</p> <p>Additional information is available at the MDE website.</p>	GSFC should be aware of this action.

2.6 Mississippi State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MS110113-1	Air Air Quality	10/24/2013	MAB #20107	Final Rule	<p>Mississippi Department of Environmental Quality Ambient Air Quality Standards [11 Miss. Admin. Code Pt. 2, Ch. 4]</p> <p>Adopts, by reference, recently promulgated amendments to federal NAAQS into the Mississippi state regulations. Effective 11/23/2013.</p>	
MS110113-2	Air NSPS, NESHAP, Consolidated Air Rules	10/24/2013	MAB #20108	Final Rule	<p>Mississippi Department of Environmental Quality Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants [11 Miss. Admin. Code Pt. 2, Ch.1]</p> <p>Adopts, by reference, recently promulgated amendments to federal NSPS, NESHAP, and Consolidated Air Rules into the Mississippi state regulations. Effective 11/23/2013.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MS110113-3	Toxic Substances Lead-based Paint	10/25/2013	MAB #20109	Final Rule	Mississippi Department of Environmental Quality Regulations for Lead-Based Paint Activities [11 Miss. Admin. Code Pt. 2, Ch. 9] Aligns state Lead-Based Paint Activities regulations with amendments to federal regulations and the Mississippi Lead-Based Paint Activity Accreditation and Certification Act. Changes include the following: <ul style="list-style-type: none"> ▪ Remove the "Opt-Out Provision." ▪ Allow renovators to complete paint chip sampling. ▪ Clarify record-keeping and reporting requirements for renovation activities. ▪ Clarify the following: <ul style="list-style-type: none"> ▪ Certain definitions ▪ Training program accreditation requirements ▪ Containment requirements ▪ Prohibited and restricted practices ▪ Signage and pre-renovation education requirements for child-occupied facilities Effective 11/24/2013.	

2.7 New Mexico State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
NM110113-1	Air SIP	10/31/2013	NM Register, Vol. 24, No. 20	Final Rule	Environmental Improvement Board Conformity of General Federal Action to the State Implementation Plan [NMAC 20.2.98] Finalizes repeal of 20.2.98 NMAC to align with 40 CFR 93 Subpart B, which allows states to make adoption and submittal of General Conformity SIPs optional rather than mandatory. Effective 11/25/2013.	WSTF should be aware of this action.
NM110113-2	Natural Resources Land Management	10/31/2013	78 FR 65356 HTML PDF	Notice Meeting	Bureau of Land Management Las Cruces District Resource Advisory Council Announces a public meeting focusing on public land management in New Mexico. Public meeting is scheduled for 11/20/2013 in Las Cruces, New Mexico. Additional information is available on the BLM website.	

2.8 Ohio State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH110113-1	Air GDFs-Systems	10/28/2013	DAPC-What's New	Proposed Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Control of VOC Emissions from Stationary Sources [OAC 3745-21-09] Proposes amended draft language that would allow GDFs to decommission their stage II recovery systems. Public hearing scheduled for 12/06/2013 in Columbus, Ohio. Comments due 12/06/2013.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH110113-2	Air Permitting	11/01/2013	Public Notice	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency Modified Permits-to-Install P0112853 and P0112856–NASA John Glenn Research Center Announces final issuance of GRC's modified permits-to-install P0112853 and P0112856 to remove the BTU/gallon restriction for fuel oil combustion in emission units B038 and B039.	GRC should be aware of this action.
OH110113-3	Air PM _{2.5}	10/30/2013	DAPC–What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency PM _{2.5} NAAQS Standard Solicits comments regarding the extent of Ohio's NAAs under the revised PM _{2.5} NAAQS (12 µg/m ³). Public hearings are scheduled for the following dates and locations: <ul style="list-style-type: none"> 12/04/2013 in Cincinnati, Ohio 12/05/2013 in Magnolia, Ohio Comments due 12/05/2013. Ohio's preliminary recommendations for nonattainment include Cuyahoga County.	GRC should be aware of this action.

2.9 Texas State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX110113-1	Air GDFs–Systems	10/25/2013	38 TexReg 7453	Final Rule	Texas Commission on Environmental Quality Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities [30 TAC 115] Revises rules to specify that owners of new GDFs are not required to install Stage II equipment. Also requires owners of existing GDFs in current program areas to properly decommission Stage II equipment. Effective 10/31/2013.	
TX110113-2	Air SIP–Grandfathered Facilities	10/25/2013	78 FR 63929 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Texas; Revisions to Rules and Regulations for Control of Air Pollution; Permitting of Grandfathered Facilities [40 CFR Part 52] Proposes to approve revisions to the Texas SIP that would require grandfathered facilities to obtain specific permits that include emission control methods to achieve mandated emission reductions, as required, or shutdown Comments due 11/25/2013. Grandfathered facilities include those facilities that existed when the TCAA was amended in 1971. These facilities are not required to obtain permits for air sources built prior to 1971, as long as they were not modified since finalization of the TCAA amendments.	

2.10 Utah State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT110113-1	Air SIP-PM _{2.5}	10/25/2013	78 FR 63883 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Promulgation of State Implementation Plan Revisions; Revision to Prevention of Significant Deterioration Program; Infrastructure Requirements for the 1997 and 2006 PM_{2.5} National Ambient Air Quality Standards; Utah [40 CFR Part 52]</p> <p>Finalizes the following actions regarding Utah's 04/17/2008 and 03/14/2012 SIP submissions:</p> <ul style="list-style-type: none"> Partial approval of submissions specific to CAA Section 110(a)(2), which were intended to demonstrate compliance with the 1997 and 2006 PM_{2.5} NAAQS infrastructure requirements Approval of revisions to the PSD program to incorporate requirements specific to the federal 2008 PM_{2.5} NSR Implementation Rule and 2010 PM_{2.5} Increment Rule Effective 11/25/2013. <p>The updated Utah SIP is located at 40 CFR Part 52, Subpart TT.</p>	NASA-related operations in Utah should be aware of this action.
UT110113-2	Species Utah Greater Sage-Grouse	11/01/2013	78 FR 65700 HTML PDF	Notice	<p>U.S. Department of the Interior</p> <p>Notice of Availability of the Utah Greater Sage-Grouse Draft Land Use Plan Amendments and Environmental Impact Statement</p> <p>Announces availability of the Utah Greater Sage-Grouse Draft Land Use Plan Amendments and Environmental Impact Statement for review. Comments due 01/30/2014.</p> <p>Additional information is available at the BLM website.</p>	NASA-related operations in Utah should be aware of this action.

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
VA110113-1	Air NESHAP, NSPS	10/23/2013	78 FR 63184 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Delegation of Authority to the Commonwealth of Virginia to Implement and Enforce Additional or Revised National Emission Standards for Hazardous Air Pollutants and New Source Performance Standards</p> <p>Announces availability of EPA's letter to the Commonwealth of Virginia documenting updated delegation of authority to implement NESHAP and NSPS.</p> <p>Additional information is available at EPA's website.</p>	
VA110113-2	Air SIP	10/16/2013	30:4 VA.R. 449-450	Notice	<p>Air Pollution Control Board, Virginia Department of Environmental Quality</p> <p>General Definitions [9VAC5-10] and General Administration [9VAC5-170]</p> <p>Solicits comments about proposed revision to Virginia's SIP that would clarify the definitions of "mail" and "certified mail." Comments due 11/20/2013.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA110113-3	Air SIP-PM	10/25/2013	78 FR 63878 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Virginia; Revised Ambient Air Quality Standards for Fine Particulate Matter [40 CFR Part 52] Direct final rule approves revisions to Virginia's SIP, including addition of ambient air quality standards and associated PM _{2.5} reference conditions that are consistent with the 2013 PM _{2.5} NAAQS. Effective 12/24/2013. Comments due 11/25/2013.	
VA110113-4	Air VOCs	10/21/2013	30:4 VA.R. 345-355	Final Rule	Air Pollution Control Board, Virginia Department of Environmental Quality General Definitions [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.	
VA110113-5	Waste Solid Waste	10/21/2013	30:4 VA.R. 355-360	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.	
VA110113-6	Water Groundwater	10/25/2013	30:5 VA.R. 466-494	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Groundwater Withdrawal Regulations [9VAC25-610] Finalizes proposed revisions , which include the following actions: <ul style="list-style-type: none"> ▪ Organizes application requirements for different types of permits and situations. ▪ Adds new sections to address surface water and groundwater conjunctive use permits. ▪ Revises conservation measurements and requirements. ▪ Identifies and requires certain information to justify groundwater needs. Effective 01/01/2014. Comments due 12/04/2013.	
VA110113-7	Water Permitting- Pollution Abatement	11/04/2013	30:5 VA.R. 464-465	Notice	State Water Control Board, Virginia Department of Environmental Quality Virginia Pollution Abatement Permit Regulation [9VAC25-32] Announces availability of the following updated or new forms: <ul style="list-style-type: none"> ▪ Virginia Pollution Abatement Permit Application, Part D-II: Land Application of Biosolids (rev 10/13) ▪ Liability Requirements for Transport, Storage, and Land Application of Biosolids, Form I, Insurance Liability Endorsement (rev 10/13) ▪ Liability Requirements for Transport, Storage, and Land Application of Biosolids, Form II, Certificate of Liability Insurance (rev 10/13) ▪ Liability Requirements for Transport, Storage, and Land Application of Biosolids, Form VII, Local Government Financial Test (rev 10/13) ▪ Liability Requirements for Transport, Storage, and Land Application of Biosolids, Form VIII, Local Government Guarantee (rev 10/13) VDEQ maintains pollution abatement permitting forms on the VDEQ VPA webpage .	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA110113-8	Water Stormwater	10/18/2013	Virginia Town Hall Website	Proposed Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Virginia Stormwater Management Regulations [9VAC25-870]</p> <p>Proposes revisions, which would clarify the following:</p> <ul style="list-style-type: none"> ▪ Design criteria ▪ Stormwater management plan applicability ▪ Certain fee requirements ▪ Incorporation by reference of the current Virginia Runoff Reduction Method <p>Comments due 11/20/2013.</p>	
VA110113-9	Water VPDES	10/21/2013	30:4 VA.R. 391-410	Final Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Virginia Pollution Discharge Elimination System General Permit for Discharges Resulting from the Application of Pesticides to Surface Waters [9VAC25-800]</p> <p>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.</p>	
VA110113-10	Water VPDES	10/18/2013	Virginia Town Hall website	Notice	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>General Virginia Pollution Discharge Elimination System Permit for Discharges of Stormwater from Construction Activities [9VAC25-880]</p> <p>Solicits comments on proposed revisions, including, but not limited to, the following:</p> <ul style="list-style-type: none"> ▪ Adds "infeasible" to definitions, and revises definition for "measurable storm event." ▪ Updates registration submittal deadline. ▪ Requires construction activities to comply with current stormwater management regulations. ▪ Requires public availability of SWPPPs. <p>Comments due 11/20/2013.</p>	