



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

04 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

AB = Assembly Bill	MMBtu/hr = Million British thermal units per hour
ATK = Alliant Techsystems	MSFC = Marshall Space Flight Center
AR5 = Fifth Assessment Report	MSGP = Multi-sector general permit
ARB = Air Resources Board	NAA = Nonattainment area
AVAQMD = Antelope Valley Air Quality Management District	NAAQS = National Ambient Air Quality Standards
BMP = Best management practice	NASA = National Aeronautics and Space Administration
CalEEMod = California Emissions Estimator Model	NEPA = National Environmental Policy Act
CalRecycle = California Department of Resources Recycling and Recovery	NESHAP = National Emission Standards for Hazardous Air Pollutants
CAPCOA = California Air Pollution Control Officers Association	NFPA = National Fire Protection Association
CAS = Chemical Abstract Service	NMP = n-Methylpyrrolidone
CCR = California Code of Regulations	NO _x = Nitrogen oxides
CEMS = Continuous emission monitoring system	NP = Nonylphenols
CEQA = California Environmental Quality Act	NPDES = National Pollutant Discharge Elimination System
CFR = <i>Code of Federal Regulations</i>	NNI = National Nanotechnology Initiative
CISWI = Commercial/industrial solid waste incinerator	NSPS = New Source Performance Standards
CRNR = California Regulatory Notice Register	NSR = New Source Review
CTG = Control Technology Guidelines	OAC = Ohio Administrative Code
CUPA = Certified Unified Program Agencies	OEHHA = Office of Environmental Health Hazard Assessment
DAPC = Division of Air Pollution Control	OEPA = Ohio Environmental Protection Agency
DAR = Division of Administrative Rules	PBT = Persistent, bioaccumulative, and toxic
DDAGW = Division of Drinking and Ground Waters	PM = Particulate matter
DfE = Design for the Environment	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DFRC = Dryden Flight Research Center	RACT = Reasonably available control technology
DoD = U.S. Department of Defense	REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
DOT = U.S. Department of Transportation	RIN = Regulatory Identification Number
DTSC = Department of Toxic Substances Control	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
ECHA = European Chemicals Agency	SCAQMD = South Coast Air Quality Management District
EPA = U.S. Environmental Protection Agency	SIP = State Implementation Plan
ERP = Environmental Resource Permits	SSFL = Santa Susana Field Laboratory
ESA = Endangered Species Act	SWCB = State Water Control Board
EU = European Union	TSCA = Toxic Substances Control Act
F.A.C. = Florida Administrative Code	UDAQ = Utah Division of Air Quality
FAR = Federal Acquisition Regulation	U.S. = United States
FDMS = Federal Docket Management System	USFWS = U.S. Fish and Wildlife Service
FOIA = Freedom of Information Act	UST = Underground storage tank
FR = <i>Federal Register</i>	VAC = Virginia Administrative Code
g/L = Grams per liter	VA.R. = <i>Virginia Register</i>
GDF = Gasoline dispensing facility	VCAPCD = Ventura County Air Pollution Control District
GHG = Greenhouse gas	VDCR = Virginia Department of Conservation and Recreation
GSFC = Goddard Space Flight Center	VDEQ = Virginia Department of Environmental Quality
HBCD = Hexabromocyclododecane	VOC = Volatile organic compound
HHW = Household hazardous waste	WFF = Wallops Flight Facility
HPGB = Office of Federal High Performance Green Buildings	WGI = Working Group I
HMR = Hazardous material regulations	WSTF = White Sands Test Facility
IPCC = Intergovernmental Panel on Climate Change	
ISCMEM = Interagency Steering Committee on Multimedia Environmental Modeling	
JPL = Jet Propulsion Laboratory	
JSC = Johnson Space Center	
LaRC = Langley Research Center	

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
FED100413-1	Building Standards GHGs	09/27/2013	78 FR 59696 HTML PDF	Notice	General Services Administration Leased Asset Energy and GHG Reporting Interpretive Guidance Announces the availability of guidance for estimating and voluntarily reporting leased asset energy use and GHG emissions data. Additional information is available at the HPGB website.	
FED100413-2	Climate Change	09/26/2013	78 FR 59412 HTML PDF	Notice	U.S. Department of State Bureau of Oceans and International Environmental Scientific Affairs; Climate Action Report Solicits comments on the draft 2014 Climate Action Report, which outlines U.S. actions intended to address climate change. Comments due 10/24/2013.	
FED100413-3	Emergency Response	10/04/2013	78 FR 61844 HTML PDF	Notice	U.S. Army Corps of Engineers North Atlantic Coast Comprehensive Study Solicits relevant data and literature in preparation of the North Atlantic Coast Comprehensive Study. Comments due 12/31/2013.	GSFC, LaRC, and WFF should be aware of this action.
FED100413-4	Environmental Modeling	09/27/2013	78 FR 59662 HTML PDF	Notice Meeting	U.S. Department of Energy Annual Public Meeting of the Interagency Steering Committee on Multimedia Environmental Modeling (ISCMEM) Announces a public meeting to discuss developments in environmental modeling applications, tools, and frameworks. Meeting is scheduled for 10/22/2013 through 10/23/2013 in Rockville, Maryland. Additional information is available on the ISCMEM website.	
FED100413-5	Hazardous Materials	10/02/2013	78 FR 60726 HTML PDF	Final Rule	Pipeline and Hazardous Materials Safety Administration Hazardous Materials Regulations: Penalty Guidance [49 CFR 107] Finalizes policy revisions to update baseline assessments for frequently cited violations of the HMR and to clarify factors that affect penalties. Effective 10/01/2013. [RIN 2137-AF02]	
FED100413-6	Hazardous Materials	10/02/2013	78 FR 60745 HTML PDF	Final Rule	Pipeline and Hazardous Materials Safety Administration Hazardous Materials: Minor Editorial Corrections and Clarifications (RRR) [49 CFR Parts 107, 130, 171, 172, 173, 174, 177, 178, 179, and 180] Finalizes editorial corrections and clarifies certain provisions in the HMR. Effective 10/01/2013. [RIN 2137-AF03]	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED100413-7	Information Management	10/02/2013	78 FR 60868 HTML PDF	Notice	U.S. Environmental Protection Agency Amendment of the Federal Docket Management System (EPA/GOV-2) Announces amendment of the FDMS system of records to add information collected in a FOIA system. The amendment is intended to allow the public to complete the following actions: <ul style="list-style-type: none"> Submit and track FOIA requests and appeals Access requests and responsive records online Obtain the status of requests filed with participating agencies Comments due 11/12/2013.	
FED100413-8	Nanotechnology Nanosensors	10/01/2013	78 FR 60319 HTML PDF	Notice	Office of Science and Technology Policy Request for Information: NNI Nanotechnology for Sensors and Sensors for Nanotechnology Signature Initiative Solicits information for the development of nanosensors. Comments due 11/15/2013. Additional information is available on the NNI website.	
FED100413-9	Natural Resources Recreational Areas	09/26/2013	78 FR 59475 HTML PDF	Final Rule	Architectural and Transportation Barriers Compliance Board Architectural Barriers Act Accessibility Guidelines; Outdoor Developed Areas [36 CFR Part 1191] Finalizes amendments to the Architectural Barriers Act Accessibility Guidelines by adding requirements for camping facilities, picnic facilities, viewing areas, trails, and beach access routes so that these facilities are readily accessible by individual with disabilities. Effective 11/25/2013. [RIN 3014-AA22]	NASA's recreational facilities should be aware of this action.
FED100413-10	Occupational Safety Cylinders– Compressed Gas	09/24/2013	78 FR 58604 HTML PDF	Notice	Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation Safety Advisory: Unauthorized Marking of Compressed Gas Cylinders Issues a safety advisory confirming that Beuchesne Fire Equipment improperly marked and requalified high-pressure compressed gas cylinders. Cylinders with dates and Requalification Identification Number H557 serviced by or received from Beuchesne Fire Equipment between 2011 and 2012 might require testing and possibly are unauthorized for storage of hazardous materials. Cylinders described in this safety advisory are unsafe and should be removed from service and returned to Beuchesne Fire Equipment.	NASA Centers and related facilities should be aware of this advisory.
FED100413-11	Risk Assessment Methodologies	09/30/2013	78 FR 59927 HTML PDF	Notice	U.S. Environmental Protection Agency Next Generation Risk Assessment: Incorporation of Recent Advances in Molecular, Computational, and Systems Biology [External Review Draft] Announces the availability of the draft " Next Generation Risk Assessment: Incorporation of Recent Advances in Molecular, Computational, and Systems Biology. " Comments due 11/14/2013.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED100413-12	Species Northern Long-Eared Bat	10/02/2013	78 FR 61045 HTML PDF	Proposed Rule	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; 12-Month Finding on a Petition To List the Eastern Small-Footed Bat and the Northern Long-Eared Bat as Endangered or Threatened Species; Listing the Northern Long-Eared Bat as an Endangered Species [50 CFR Part 17]</p> <p>Proposes to list the northern long-eared bat as an endangered species. Proposes critical habitat areas in numerous states, including the following:</p> <ul style="list-style-type: none"> ▪ Alabama ▪ Florida ▪ Louisiana ▪ Maryland ▪ Mississippi ▪ Ohio ▪ Virginia <p>Comments due 12/02/2013. [RIN 1018-AY98]</p>	NASA Centers and related facilities should be aware of this action.
FED100413-13	Species Rufa Red Knot	09/30/2013	78 FR 60023 HTML PDF	Proposed Rule	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Proposed Threatened Status for the Rufa Red Knot (<i>Calidris canutus rufa</i>); Proposed Rule [50 CFR Part 17]</p> <p>Proposes to list the rufa red knot as a threatened species. Proposes critical habitat areas in numerous states, including the following:</p> <ul style="list-style-type: none"> ▪ Alabama ▪ Florida ▪ Louisiana ▪ Maryland ▪ Mississippi ▪ Ohio ▪ Texas ▪ Virginia <p>Comments due 11/29/2013. [RIN 1018-AY17]</p>	NASA Centers and related facilities should be aware of this action.
FED100413-14	Species Yellow-Billed Cuckoo	10/03/2013	78 FR 61621 HTML PDF	Proposed Rule	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Proposed Threatened Status for the Western Distinct Population Segment of the Yellow-billed Cuckoo (<i>Coccyzus americanus</i>) [50 CFR Part 17]</p> <p>Proposes to list the yellow-billed cuckoo as a threatened distinct vertebrate population segment. Proposes critical habitat areas in the following states:</p> <ul style="list-style-type: none"> ▪ California ▪ New Mexico ▪ Texas ▪ Utah <p>Comments due 12/02/2013. [RIN 1018-AY53]</p>	NASA Centers and related facilities should be aware of this action.
FED100413-15	Toxic Substances Antimony Trioxide	09/27/2013	78 FR 59679 HTML PDF	Notice Meeting	<p>U.S. Environmental Protection Agency</p> <p>Antimony Trioxide Toxic Substances Control Act (TSCA) Chemical Risk Assessment; Notice of Public Meetings and Opportunity to Comment</p> <p>Announces public teleconferences to peer review EPA's draft chemical risk assessment, "TSCA Workplan Chemical Risk Assessment for Antimony Trioxide." Teleconferences are scheduled for 10/16/2013, 10/31/2013, and 11/14/2013 and are available through webconnect. Comments due 11/07/2013.</p> <p>Antimony or antimony trioxide are typically used in halogenated flame retardants, transportation (including batteries), chemical production, ceramics, glass, and other industrial applications. Additional information is available on EPA's website.</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED100413-16	Transportation	09/26/2013	78 FR 59420 HTML PDF	Notice	U.S. Department of Transportation Notice of Application for Special Permits Announces receipt of application for a special permit 15971-N for NASA, Houston, Texas, to transport non-DOT specification pressure receptacles containing compressed nitrogen via motor vehicle, rail freight, cargo vessel, and cargo aircraft. Comments due 10/28/2013.	JSC should be aware of this action.
FED100413-17	Transportation Vessels	09/30/2013	78 FR 60099 HTML PDF	Final Rule	U.S. Coast Guard Nontank Vessel Response Plans and Other Response Plan Requirements [33 CFR Parts 151, 155, and 160] Finalizes the requirement for nontank vessels to prepare and submit oil spill response plans, and specifies the content of a response plan. Final rule also updates the international Shipboard Oil Pollution Emergency Plan requirements that apply to certain nontank and tank vessels. Effective 10/30/2013. [RIN 1625-AB27]	MSFC should be aware of this action.
FED100413-18	Water	09/24/2013	78 FR 58536 HTML PDF	Notice	U.S. Environmental Protection Agency Notification of a Public Meeting of the Science Advisory Board Panel for the Review of the EPA Water Body Connectivity Report Announces a public meeting to review the EPA draft report, " Connectivity of Streams and Wetlands to Downstream Waters: A Review and Synthesis of the Scientific Evidence ." Meeting is scheduled to begin 12/16/2013 in Washington, D.C. Comments due 11/06/2013.	
FED100413-19	Water Stormwater	09/27/2013	78 FR 59672 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Draft National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges From Industrial Activities Proposes to replace the existing MSGP with the draft 2013 NPDES general permit for stormwater discharges from industrial activity. Comments due 11/26/2013. This proposed item does not apply to EPA Region 4.	NASA Centers and related facilities should be aware of this action.
FED100413-20	Water Water Quality	09/24/2013	78 FR 58500 HTML PDF	Notice	U.S. Environmental Protection Agency Water Quality Standards Regulatory Clarifications Proposed Rule; Public Meetings and Public Webinars [40 CFR Part 131] Announces a public meeting and a public webinar to discuss proposed Water Quality Standards Regulatory clarifications (78 FR 54517 , 09/04/2013). Meeting is scheduled for 10/23/2013 in Washington, D.C. Webinar is scheduled for 11/14/2013. Additional information is available on EPA's water quality rulemaking website.	

1.2 Other News and Developments

1.2.1 Draft Report on Alternatives to the Flame Retardant Hexabromocyclodecane

On 24 September 2013, EPA [issued](#) the draft report, "[Flame Retardant Alternatives for Hexabromocyclododecane \(HBCD\)](#)," through the Design for the Environment ([DfE](#)) program. The report primarily is intended to aid manufacturers in identifying safer alternatives to the use of HBCD in polystyrene building insulation. HBCD is a persistent, bioaccumulative, toxic (PBT) compound commonly used as a flame retardant in textiles, high-impact polystyrene, expanded polystyrene foam, and extruded polystyrene foam. Further information regarding EPA's activities

related to HBCD is available in the HBCD [action plan](#) under EPA's enhanced chemical management program. Comments on the draft alternatives assessment are due by 22 November 2013.

1.2.2 Boiler Emission Standards Webinars

EPA has scheduled three [webinars](#) intended to provide information about revised emission standards under the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers at Area Sources ([40 CFR Part 63, Subpart JJJJJJ](#)) and at Major Sources ([40 CFR Part 63, Subpart DDDDD](#)). Registration is required for the free webinars, which are as follows:

Date	Webinar Title
11/13/2013 11/19/2013	Understanding EPA's Area Source Boiler Rule—Requirements, Timelines, and Electronic Reporting
11/21/2013	Understanding EPA's Major Source Boiler Maximum Achievable Control Technology Rule—Requirements, Timelines, and Electronic Reporting

1.2.3 European Chemicals Agency Updates

On 02 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 Chemicals Agency ([ECHA](#)) launched a public [consultation](#) regarding its proposal to restrict n-methylpyrrolidone ([NMP](#), CAS No. 872-50-4) and nonylphenols ([NPs](#)) in manufacturing and textiles, respectively. [Restrictions](#) under REACH Annex XVII can limit or ban the manufacture, marketing, or use of substances under specified conditions or in certain applications. Restriction does not affect operations in the U.S. directly; however, it can affect the global supply chain and potentially reduce the future availability of regulated substances. The deadline for public comments on the proposed restrictions is 18 March 2014.

1.2.4 Intergovernmental Panel on Climate Change Releases 2013 Climate Change Report

The Intergovernmental Panel on Climate Change ([IPCC](#)) announced availability of the Working Group I (WGI) Fifth Assessment Report ([AR5](#)) titled, "[Climate Change 2013—the Physical Science Basis](#)." AR5 presents data, observations, and analyses regarding the global climate including, but not limited to, specific information about the following topics:

- Atmosphere and surface observations
- Ocean observations
- Cryosphere observations
- Clouds and aerosols
- Sea level change

A [summary for policymakers](#) also was prepared and is available on the IPCC website.

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
AL100413-1	Species Slabside Pearlymussel	09/26/2013	78 FR 59269 HTML PDF	Final Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Endangered Species Status for the Fluted Kidneyshell and Slabside Pearlymussel [50 CFR Part 17] Finalizes proposed rule (77 FR 60804 , 10/04/2012) to list the Slabside Pearlymussel as an endangered species. Effective 10/28/2013. [RIN 1018-AY06]	
AL100413-2	Species Slabside Pearlymussel	09/26/2013	78 FR 59555 HTML PDF	Final Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the Fluted Kidneyshell and Slabside Pearlymussel [50 CFR Part 17] Finalizes the designation of critical habitat for the Slabside Pearlymussel under the ESA. Effective 10/28/2013. [RIN 1018-AZ48] The habitat for the slabside pearlymussel includes Madison County, Alabama.	MSEC should be aware of this action.

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
CA100413-1	Air Cap-and-Trade	09/20/2013	ARB Website	Notice	California Air Resources Board California Cap-and-Trade Program GHG Allowance Auction Announces that the November 2013 GHG allowance auction is scheduled for 11/19/2013.	
CA100413-2	Air GHG	10/01/2013	ARB Website	Notice	California Air Resources Board Discussion Draft of Updated Assembly Bill 32 Scoping Plan Announces availability of the discussion draft of the required update to the AB 32 Scoping Plan. The draft provides a progress report and a list of future actions intended to reduce GHG emissions. Public workshop scheduled for 10/15/2013 in Sacramento, California. Comments due 11/01/2013. The AB 32 Scoping Plan outlines California's past efforts and future plans to reduce GHG emissions to 1990 levels by 2020 and meet other climate change-related goals.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA100413-3	Air SIP-VOC	09/24/2013	78 FR 58459 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Revisions to the California State Implementation Plan, Antelope Valley Air Quality Management District, Santa Barbara County Air Pollution Control District, South Coast Air Quality Management District and Ventura County Air Pollution Control District [40 CFR Part 52]</p> <p>Finalizes rule adoptions into the SIP that regulate VOC emissions from the following sources:</p> <ul style="list-style-type: none"> Motor vehicle and mobile equipment coating operations (AVAQMD Rule 1151, SCAQMD Rule 1151, and VCAPCD Rule 74.18) Graphic arts operations (VCAPCD Rule 74.19) <p>Effective 10/24/2013.</p>	SSFL , DFRC , and JPL should be aware of this action.
CA100413-4	Air Vehicles	09/20/2013	ARB Website	Notice	<p>California Air Resources Board</p> <p>Notice of Public Meeting to Provide a Status Report on the Advanced Clean Cars Program</p> <p>Announces a public meeting to provide an update on the progress made under the Advanced Clean Cars Program. Public meeting is scheduled for 10/24/2013 in Sacramento, California. Comments due 10/23/2013.</p> <p>The Advanced Clean Cars Program includes policy related to increased zero-emission vehicle requirements through the 2025 model year and the next generation of light- and medium-duty GHG and criteria pollutant emission standards.</p>	
CA100413-5	Occupational Safety Storage Tanks	10/04/2013	CRNR 2013, 40z, p. 1549	Proposed Rule	<p>Occupational Safety and Health Standards Board</p> <p>Notice of Proposed Rule Changes to Tank Storage Subject to Flooding, Precautionary Measures [8 CCR 1550 and 5605]</p> <p>Proposes the following changes:</p> <ul style="list-style-type: none"> Update Section 5605 to impose NFPA 30-2012 requirements on storage tanks located in areas subject to flooding. Adopt Section 1550, which would establish requirements for storage tanks in flood-prone areas to prevent movement. <p>Public meeting is scheduled for 11/21/2013 in San Diego, California. Comments due 11/21/2013.</p>	
CA100413-6	Toxic Substances Butyl Benzyl Phthalate, Diisononyl Phthalate	10/04/2013	CRNR 2013, 40z, p. 1557	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Availability of Hazard Identification Documents for Butyl Benzyl Phthalate and Diisononyl Phthalate</p> <p>Announces the availability of hazard identification documents for the following substances:</p> <ul style="list-style-type: none"> Butyl benzyl phthalate Diisononyl phthalate <p>Comments due 11/18/2013.</p>	
CA100413-7	Toxic Substances Chloramphenicol Sodium Succinate	09/27/2013	CRNR 2013, 39z, p. 1518	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemical Effectively Listed as Known to Cause Cancer [27 CCR 25902]</p> <p>Adds chloramphenicol sodium succinate to the list of chemicals known to the state to cause cancer under the "formally required to be labeled or identified" mechanism. Effective 09/27/2013.</p> <p>Chloramphenicol sodium succinate is an antibiotic reserved for treatment of severe infection. Additional information is available on the OEHHA website.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA100413-8	Toxic Substances Proposition 65	09/27/2013	CRNR 2013, 39z, p. 1518	Notice	Office of Environmental Health Hazard Assessment Chemicals Known to the State to Cause Cancer or Reproductive Toxicity Announces availability of the updated list of substances known to the state to cause cancer or reproductive toxicity.	

2.2.1 CalEEMod Version 2013.2.1 Released

The California Air Pollution Control Officers Association ([CAPCOA](#)) has released [Version 2013.2.2](#) of the California Emissions Estimator Model (CalEEMod). CalEEMod is a computer model created to quantify criteria pollutant and greenhouse gas (GHG) emissions from various land use projects located in California. The model can be used to demonstrate compliance and conformity with California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA), and local air district requirements. The new version includes the following:

- [Updated emission factors](#)
- [Updated climate zone options](#)
- Corrected fugitive dust emissions from haul trucks during construction
- Administrative adjustments

Additional resources are available on the CalEEMod [website](#).

2.2.2 California and Quebec Sign Cap-and-Trade Linkage Agreement

On 01 October 2013, California and Quebec [signed](#) an [agreement](#) establishing steps and procedures to [link](#) the two jurisdictions' Cap-and-Trade programs. This step follows Quebec's December 2012 regulation allowing linkage of the two programs and California's April 2013 regulation, which established 01 January 2014 as the linkage start date. Following 01 January 2014, carbon allowances and offset credits can be exchanged between participants in the two programs.

2.2.3 Used Oil and Household Hazardous Waste Training and Conference

The California Department of Resources Recycling and Recovery ([CalRecycle](#)) and the Department of Toxic Substances Control ([DTSC](#)) are hosting the [2013 Used Oil and Household Hazardous Waste \(HHW\) Training and Conference](#). The event is scheduled for 29 through 31 October 2013 in Sacramento, California. Training sessions, scheduled for 28 and 29 October 2013 will include the following topics:

- HHW for Managers
- Certified Unified Program Agencies ([CUPA](#)) Case Studies
- Emergency Response for HHW programs
- Chemistry for Non-Chemists
- Department of Transportation Hazardous Materials Transportation Refresher
- Green Chemistry 101
- Identification of Unknowns

[Registration](#) is required for attendance at each training session or the conference.

2.2.4 California Air Districts Regulatory Review

2.2.4.1 Antelope Valley Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAA100413-1	Air	10/02/2013	AVAQMD Website	Proposed Rule Change	<p>Antelope Valley Air Quality Management District Paper, Fabric and Film Coating Operations [Rule 1128] and Graphic Arts [Rule 1130]</p> <p>Amends proposed rule (AVAQMD website, 07/26/2013) to rescind Rule 1128 and modify Rule 1130, which would include the following changes:</p> <ul style="list-style-type: none"> ▪ Incorporate provisions in Rule 1128 into Rule 1130. ▪ Expand the applicability of this rule. ▪ Modify VOC content limits of printing materials to 150 to 300 g/L of VOCs. ▪ Modify solvent cleaning operating limits. ▪ Update exemptions, definitions, record-keeping, and test methods. <p>These changes would incorporate the RACT requirements in EPA's CTGs. Revised Draft Staff Report is available for review. Public hearing is continued on 11/19/2013 in Lancaster, California.</p>	
CAA100413-2	Air SIP	09/30/2013	78 FR 59840 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Revisions to the California State Implementation Plan, Antelope Valley Air Quality Management District [40 CFR Part 52]</p> <p>Finalizes adoption of local rules into the SIP regulating sulfur emissions from CEMS and sulfur content of gaseous fuels. Effective 10/29/2013.</p>	

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

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
CAS100413-1	Air	09/24/2013	SCAQMD Website	Notice	<p>South Coast Air Quality Management District Adhesive and Sealant Applications [Rule 1168]</p> <p>Announces availability of a revised comparison of regulatory definitions and working group presentation regarding proposed Rule 1168. Solicits comments for comparison definition table. Public workshop and a public hearing will be scheduled at a later date.</p> <p>District is considering revising numerous definitions and clarifying that rule does not apply to operations covered under Rule 1124, Aerospace Assembly and Component Manufacturing Operations.</p>	NASA Centers and related operations should be aware of this rule.
CAS100413-2	Air SIP	09/26/2013	78 FR 59249 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency Revisions to the California State Implementation Plan, South Coast Air Quality Management District [40 CFR Part 52]</p> <p>Finalizes rule adoptions into the SIP for Open Burning operations, SCAQMD Rule 444, intended to decrease NO_x, PM, and VOC emissions. Effective 10/24/2013.</p>	NASA Centers and related operations that conduct open burning should be aware of this rule.

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
FL100413-1	Waste Hazardous Waste	10/01/2013	FAR Notice #13349060	Proposed Rule	<p>Department of Environmental Protection Definitions [Chapter 62-730.020, F.A.C.]; Identification of Hazardous Waste [Chapter 62-730.030, F.A.C.]</p> <p>Proposes to incorporate by reference changes to the federal hazardous waste regulations specific to the addition of definitions for the following terms (78 FR 46447, 07/31/2013):</p> <ul style="list-style-type: none"> ▪ No free liquids ▪ Solvent-contaminated wipe ▪ Wipe <p>Proposed rule text is available in the FAR notice. Comments due 10/22/2013.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL100413-2	Water ERP	10/01/2013	FAR Notice #13617459 ; FAR Notice #13616780 ; FAR Notice #13616974 ; FAR Notice #13617071 ; FAR Notice #13617265 ; FAR Notice #13617362	Proposed Rule	St. John's River Water Management District Noticed General Environmental Resource Permits [Chapter 40C-400, F.A.C.]; Organization and Procedure [Chapter 40C-1, F.A.C.]; Environmental Resource Permits: Surface Water Management Systems [Chapter 40C-4, F.A.C.]; Standard General Environmental Resource Permits [Chapter 40C-40, F.A.C.]; Environmental Resource Permits: Regulation of Stormwater Management Systems [Chapter 40C-42, F.A.C.]; Environmental Resource Permits: Regulation of Agricultural Surface Water Management Systems [Chapter 40C-44, F.A.C.] Proposes to repeal rules superseded by rules adopted in Chapter 62-330, F.A.C. Comments due 10/22/2013.	
FL100413-3	Water ERP	10/02/2013	FAR Notice #13622794	Proposed Rule Correction	St. John's River Water Management District Permits Required [Chapter 40C-42.022, F.A.C.] Correction to proposed rule (FAR Notice #13617265 , 10/02/2013) clarifies that Chapter 40C-42.022, F.A.C. is being proposed for repeal.	

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
LA100413-1	Waste Hazardous Waste	09/25/2013	78 FR 58890 HTML PDF	Final Rule	U.S. Environmental Protection Agency Louisiana: Final Authorization of State-Initiated Changes and Incorporation by Reference of State Hazardous Waste Management Program [40 CFR Parts 271 and 272] Direct final rule authorizes state-initiated changes to Louisiana's hazardous waste program and incorporates by reference federal regulation changes. Effective 11/25/2013. Comments due 10/25/2013.	

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	Suggested Actions
NM100413-1	Species Mexican Wolf	10/02/2013	78 FR 60813 HTML PDF	Notice Hearing	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Removing 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>) by Listing It as Endangered [50 CFR Part 17]</p> <p>Announces a public meeting focusing on the proposed rule (78 FR 54613, 09/05/2013) that would remove the gray wolf from the List of Endangered or Threatened Wildlife, but would maintain endangered status for the Mexican wolf as a subspecies. Public hearing 10/17/2013 in Denver, Colorado. Comments due 10/28/2013. [RIN 1018-AY00]</p> <p>Additional information is available on the USFWS website.</p>	WSTF should be aware of this action.

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
OH100413-1	Air	10/04/2013	DAPC-What's New	Notice	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>General Provisions Rule [OAC 3745-15]</p> <p>Solicits input about potential rule amendments to the following provisions:</p> <ul style="list-style-type: none"> Authority of the director to request emission inventory information Emission measurements of air contaminants Requirements for determination of <i>de minimis</i> air pollution sources Requirements for equipment shutdown due to maintenance or malfunction Air pollution nuisances <p>Comments due 11/05/2013.</p>	
OH100413-2	Air GDFs-Recovery Systems	10/01/2013	DAPC-What's New	Notice	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>Control of Volatile Organic Compound Emissions from Stationary Sources [OAC 3745-21-09]</p> <p>Announces extension of compliance deadline for GDFs to install low-permeability hoses to meet the Stage II vapor control exemption. Deadline is extended to 04/01/2014.</p>	
OH100413-3	Water Surface Water	09/25/2013	DDAGW-Announcements	Final Rule	<p>Division of Drinking and Ground Waters, Ohio Environmental Protection Agency</p> <p>Surface Water Treatment Rules [OAC 3745-81]</p> <p>Adopts the following revisions to the surface water treatment rules:</p> <ul style="list-style-type: none"> Adds definition of uncovered water storage facility. Clarifies OEPA enforcement responsibilities. Clarifies monitoring requirements. Removes outdated information. <p>Effective 10/05/2013.</p>	

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
TX100413-1	Air Emergency Orders	09/26/2013	78 FR 59250 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Revisions to NSR SIP; Emergency Orders [40 CFR Part 52] Disapproves revisions to the Texas SIP that relate to air Emergency Orders. Effective 10/28/2013.	

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
UT100413-1	Air SIP-Ozone	09/26/2013	78 FR 59242 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Utah; Maintenance Plan for the 1997 8-Hour Ozone Standard for Salt Lake County and Davis County [40 CFR Part 52] Finalizes partial approval and partial disapproval of 03/22/2007 revisions to Utah's SIP specific to Utah's 1997 8-hour ozone NAAQS maintenance plan for Salt Lake and Davis counties. Finalizes several rules specific to Ozone Nonattainment and Maintenance Areas. Effective 10/28/2013.	NASA-related operations in Utah should be aware of this action.
UT100413-2	Air SIP-PM _{2.5}	10/03/2013	JDAQ Website: R307-110-17	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Section IX, Control Measures for Area and Point Sources, Part H, Emission Limits [R307-110-17] Proposes to incorporate by reference the following into R307-110-17: <ul style="list-style-type: none"> ▪ Emission control measures associated with Section IX, Part H of the SIP ▪ Section IX, Part H.11, 12 and 13 of the SIP These subsections would address certain large stationary sources regarding PM _{2.5} emission limitations, control measures, and schedules. Hearings are scheduled for 11/13/2013 in Provo, Utah; and 11/21/2013 in Salt Lake City, Utah. Comments due 12/02/2013. Proposed rule applies to sources within the Salt Lake City NAA. NO_x from ATK's 71 MMBtu/hr boilers is listed in the RACT Point Source Reduction Summary table.	NASA-related operations in Utah should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT100413-3	Air SIP-VOCs	10/03/2013	U DAO Website: R307-350	Proposed Rule Change	Utah Department of Environmental Quality; Division of Air Quality Miscellaneous Metal Parts and Products Coatings [R307-350] Changes proposed rule (DAR File No. 37830, R307-350, 07/10/2013) to include the following: <ul style="list-style-type: none"> Provide exemption for DoD work that mandates using military technical data specifications, to include work performed by a DoD contractor. Extend compliance schedule for sources within Davis and Salt Lake counties to 01/01/2014. <p>The Air Quality Board approved this Change in Proposed Rule. Proposed rule applies to sources in Utah counties, including Box Elder, Davis, and Salt Lake counties.</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
VA100413-1	Air NSPS-CISWIs	09/23/2013	30:2 V.A.R. 271-272	Notice Hearing	Virginia Department of Environmental Quality §111(d)/129 Plan, Commercial/Industrial Solid Waste Incinerators (CISWI) Solicits comments about proposed revisions to Virginia's §111(d)/129 Plan for CISWIs, which would incorporate by reference related federal emission guidelines (78 FR 9111, 02/07/2013). Public hearing is scheduled for 10/23/2013 in Richmond, Virginia. Comments due 10/23/2013. Additional information is available on the VDEQ website.	
VA100413-2	Air SIP	09/25/2013	Virginia Town Hall Website	Notice	Air Pollution Control Board, Virginia Department of Environmental Quality State Implementation Plan Revision--Definition of the Term "Mail" Solicits comments about a proposed revision to Virginia's SIP to clarify the definitions of "mail" and "certified mail." Comments due 11/20/2013.	
VA100413-3	Air SIP-Lead	09/24/2013	78 FR 58462 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans: Virginia: Section 110 (a)(2) Infrastructure Requirements for the 2008 Lead National Ambient Air Quality Standard [40 CFR Part 52] Approves a revision to Virginia's SIP that includes infrastructure requirements for the 2008 lead NAAQS. Effective 10/24/2013.	
VA100413-4	Tanks USTs	09/25/2013	Virginia Town Hall Website	Notice	State Water Control Board, Virginia Department of Environmental Quality Petroleum Underground Storage Tank Financial Responsibility Requirements [9VAC25-590] Announces periodic review to evaluate whether this regulation should be amended, repealed, or retained in its current form, and solicits comments. Comments due 11/21/2013.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA100413-5	Water Chesapeake Bay	09/23/2013	30:2 VA.R. 99-115	Final Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Chesapeake Bay Preservation Area Designation and Management Regulations [9VAC25-830]</p> <p>Amends regulations, including chapter and section numbers, to reflect transfer of program administration from VDCR to VDEQ. Additional amendments include the following:</p> <ul style="list-style-type: none"> Updates the reference for the Department of Forestry's BMPs for water quality to the March 2011 edition. Deletes requirement that local governments notify the board of all development requiring water quality impact assessments. Adds a provision delegating certain authority of the SWCB to the Director of VDEQ. <p>Effective 10/23/2013.</p>	
VA100413-6	Water Erosion and Sediment Control	09/23/2013	30:2 VA.R. 115-122	Final Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Erosion and Sediment Control Regulations [9VAC25-840]</p> <p>Amends regulations, including chapter and section numbers, to reflect transfer of program administration from VDCR to VDEQ. Additional amendments include the following:</p> <ul style="list-style-type: none"> Adds a provision delegating certain authority of the SWCB to the Director of VDEQ. Stipulates that erosion and sediment control reviews coordinate with other SCWB reviews to avoid redundancy. <p>Effective 10/23/2013</p>	
VA100413-7	Water Erosion and Sediment Control; Stormwater	09/23/2013	30:2 VA.R. 122-127	Final Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Erosion and Sediment Control and Stormwater Management Certification Regulations [9VAC25-850]</p> <p>Amends regulations, including chapter and section numbers, to reflect transfer of oversight of water quality planning and laws dealing with stormwater management, erosion and sediment control, and the Chesapeake Bay Preservation Areas, from VDCR to VDEQ. Additional amendments include the following:</p> <ul style="list-style-type: none"> Clarifies responsible land disturber requirements. Adds a provision delegating certain authority of the SWCB to the Director of VDEQ. <p>Effective 10/23/2013.</p>	
VA100413-8	Water Permitting	09/23/2013	30:2 VA.R. 204-222	Final Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>General Permit for Discharges of Stormwater from Construction Activities [9VAC25-880]</p> <p>Amends regulations, including chapter and section numbers, to reflect transfer of oversight of water quality planning, stormwater management, erosion and sediment control, and the Chesapeake Bay Preservation Areas, from VDCR to VDEQ. Additional amendments include the following:</p> <ul style="list-style-type: none"> Incorporates by reference related federal regulatory revisions. Revises notification requirements for terminating state permit coverage. Adds a provision delegating certain authority of the SWCB to the Director of VDEQ. <p>Effective 10/23/2013.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA100413-9	Water Stormwater	09/23/2013	30:2 VA.R 127-203	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Virginia Stormwater Management Program Regulation [9VAC25-870] Amends regulations, including chapter and section numbers, to reflect transfer of oversight of water quality planning and laws dealing with stormwater management, erosion and sediment control, and the Chesapeake Bay Preservation Areas, from VDCR to VDEQ. Additional amendments include the following: <ul style="list-style-type: none"> ▪ Incorporates by reference the 07/01/2012 CFR ▪ Updates the edition of the Virginia Stormwater Management Handbook from 1990 to 1999 ▪ Revises lab certification requirements ▪ Establishes deadlines for state permits Effective 10/23/2013. 	
VA100413-10	Water Stormwater	09/23/2013	30:2 VA.R 222-249	Final Rule	State Water Control Board, Virginia Department of Environmental Quality General Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems [9VAC25-890] Amends regulations, including chapter and section numbers, to reflect transfer of oversight of water quality planning and laws dealing with stormwater management, erosion and sediment control, and the Chesapeake Bay Preservation Areas, from VDCR to VDEQ. Additional amendments include the following: <ul style="list-style-type: none"> ▪ Incorporates by reference the 07/01/2012 CFR ▪ Adds a provision delegating certain authority of the SWCB to the Director of VDEQ Effective 10/23/2013. 	
VA100413-11	Water Stormwater	09/23/2013	Virginia Town Hall website	Notice	State Water Control Board, Virginia Department of Environmental Quality Virginia Stormwater Management Handbook Solicits comments on the final draft of the Virginia Stormwater Management Handbook (2nd Edition, 2013). Comments due 10/23/2013.	

2.11.1 Virginia Soil and Water Conservation District Public Meetings

VDEQ has scheduled a Soil and Water Conservation [public meeting on 07 November 2013 in Melfa, Virginia](#). The purpose of the meeting is to evaluate the role of Soil and Water Conservation Districts in providing effective delivery of water quality services and technical assistance water quality services for nonpoint source pollution management, as well as technical assistance for water programs, including erosion and sediment control and stormwater management.

2.11.2 Virginia Governor's Environmental Excellence Awards

Announces acceptance of applications for the [2014 Governor's Environmental Excellence Awards](#). Applications will be accepted for the [sustainability](#) and land conservation ([program](#) and [project](#)) categories. Applications due 05 December 2013.