



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

25 January 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. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>.

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

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Acronyms and Abbreviations

ADEM = Alabama Department of Environmental Management	NASA = National Aeronautics and Space Administration
AQI = Air Quality Index	NEPA = National Environmental Protection Act
ARB = Air Resources Board	NESHAP = National Emission Standards for Hazardous Air Pollutants
ARC = Ames Research Center	NIOSH = National Institute for Occupational Safety and Health
AST = Aboveground storage tank	NNSR = Nonattainment New Source Review
BAAQMD = Bay Area Air Quality Management District	NO _x = Nitrogen oxides
BMP = Best management practice	nPB = n-Propyl bromide
CAA = Clean Air Act	NPDES = National Pollutant Discharge Elimination System
CAS = Chemical Abstract Service	NSPS = New Source Performance Standards
COMAR = <i>Code of Maryland Regulations</i>	NSR = New Source Review
CCR = California Code of Regulations;	OAC = Ohio Administrative Code
CDCA = California Desert Conservation Area	OEHHA = Office of Environmental Health Hazard Assessment
CFR = <i>Code of Federal Regulations</i>	OEPA = Ohio Environmental Protection Agency
CRNR = California Regulatory Notice Register	ppm = Parts per million
CTG = Control Technique Guidelines	PBS = Plum Brook Station
CY = Calendar year	PM = Particulate matter
DAPC = Division of Air Pollution Control	PM _{2.5} = Particulate matter less than 2.5 micrometers
DEQ = Department of Environmental Quality	PSD = Prevention of significant deterioration
DSW = Division of Surface Water	QA = Quality assurance
DTSC = Department of Toxics Substances Control	QC = Quality control
EA = Environmental assessment	RACT = Reasonably available control technology
ECHA = European Chemicals Agency	RCRA = Resource Conservation and Recovery Act
EIS = Environmental impact statement	REACH = Registration, Evaluation, and Authorization of Chemicals
EPA = U.S. Environmental Protection Agency	RICE = Reciprocating internal combustion engine
ERP = Environmental Resource Permitting	RIN = Regulatory Identification Number
EU = European Union	RoC = Report on Carcinogens
EVR = Enhanced vapor recovery	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
F.A.C. Florida Administrative Code	SB = Senate Bill
FAR = <i>Florida Administrative Register</i>	SCAQMD = South Coast Air Quality Management District
FDEP = Florida Department of Environmental Protection	SIP = State Implementation Plan
FIP = Federal Implementation Plan	SNUR = Significant New Use Rule
FR = <i>Federal Register</i>	SSC = Stennis Space Center
FRA = Federal Railroad Administration	SVHC = Substances of very high concern
GHG = Greenhouse gas	SWRCB = State Water Resources Control Board
GRC = Glenn Research Center	SWQS = Surface Water Quality Standards
GSFC = Goddard Space Flight Center	TMDL = Total maximum daily load
ISS = International Space Station	TRI = Toxics Release Inventory
JSC = Johnson Space Center	UIC = Underground Injection Control
KSC = Kennedy Space Center	U.S. = United States
LAC = Louisiana Administrative Code	VAC = Virginia Administrative Code
MADL = Maximum allowable dose level	Va.R. = Virginia Register
MDE = Maryland Department of the Environment	VCAPCD = Ventura County Air Pollution Control District
Md.R. = <i>Maryland Register</i>	VDEQ = Virginia Department of Environmental Quality
µg/d = Micrograms per day	VOC = Volatile organic compound
µg/m ³ = Micrograms per cubic meter	WFF = Wallops Flight Facility
LaRC = Langley Research Center	
MS4 = Municipal separate storm sewer systems	
MSFC = Marshall Space Flight Center	
NAA = Nonattainment area	
NAAQS = National Ambient Air Quality Standards	

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
FED012513-1	Air PM	01/15/2013	78 FR 3085 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>National Ambient Air Quality Standards for Particulate Matter [40 CFR Parts 50, 51, 52, 53 and 58]</p> <p>Final rule revises the following:</p> <ul style="list-style-type: none"> Data-handling conventions for PM Ambient air monitoring, reporting, and network design requirements PSD permitting program with respect to NAAQS revisions Annual PM_{2.5} standard by lowering the level to 12 µg/m³ PM_{2.5} AQI to be consistent with the revised primary PM_{2.5} standards <p>Effective 03/18/2013. [RIN 2060-AO47]</p> <p>Further information, including the most recent data about PM_{2.5} concentrations, is posted on EPA's website.</p>	<p>NASA Centers and related facilities should be aware of this action.</p>
FED012513-2	Air SIP-Ozone	01/15/2013	78 FR 2882 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Findings of Failure To Submit a Complete State Implementation Plan for Section 110(a) Pertaining to the 2008 Ozone National Ambient Air Quality Standard [40 CFR Part 52]</p> <p>Final rule determines that certain states, including the following, have not submitted complete SIPs providing basic CAA program elements to implement the 2008 8-hour ozone NAAQS:</p> <ul style="list-style-type: none"> Alabama Florida Maryland Mississippi Ohio Texas Virginia <p>Establishes a 24-month deadline for EPA to promulgate FIPs to address outstanding SIP elements unless affected states submit, and EPA approves, SIPs that correct the deficiencies. Effective 02/14/2013.</p>	<p>MSFC, KSC, GSFC, SSC, GRC, PBS, JSC, LaRC, and WFF should be aware of this action.</p>
FED012513-3	Climate Change	01/18/2013	78 FR 4132 HTML PDF	Notice	<p>National Oceanic and Atmospheric Administration</p> <p>National Climate Assessment and Development Advisory Committee</p> <p>Announces availability of a Draft Climate Assessment Report for public comment. This report, following revision and further review, will be submitted for consideration in the Third National Climate Assessment. Comments due 04/12/2013. [RIN 0648-XC433]</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED012513-4	Environmental Appeals Permits	01/25/2013	78 FR 5281 HTML PDF	Final Rule	U.S. Environmental Protection Agency Revisions to Procedural Rules To Clarify Practices and Procedures Applicable in Permit Appeals Pending Before the Environmental Appeals Board [40 CFR Parts 124 and 270] Rule revises existing procedures for appeals from RCRA, UIC, NPDES, PSD, or other final permit decisions that are filed with the Environmental Appeals Board. This effort is to simplify and make more efficient the review process, particularly in appeals from permits issued under new source review provisions. Effective 03/26/2013.	
FED012513-5	Environmental Data	01/16/2013	78 FR 3420 HTML PDF	Notice Correction	U.S. Environmental Protection Agency, Office of Environmental Information Announcement of Availability and Comment Period for the Draft Quality Standard for Environmental Data Collection, Production, and Use by Non-EPA (External) Organizations and Two Associated QA Handbooks; Correction Corrects links provided in a request for comments for the "Draft Quality Standard for Environmental Data Collection, Production, and Use by Non-EPA (External) Organizations" and two associated QA Handbooks (77 FR 76035 , 12/26/2012). Comments due 02/11/2013.	
FED012513-6	Hazardous Materials	01/22/2013	78 FR 4333 HTML PDF	Notice Withdrawal	U.S. Environmental Protection Agency National Oil and Hazardous Substances Pollution Contingency Plan; Revision To Increase Public Availability of the Administrative Record File [40 CFR Part 300] Withdraws the direct final rule acknowledging advancements in technologies used to manage and convey information to the public (77 FR 66729 , 11/07/2012). A final rule will be promulgated after consideration of comments received. Effective 01/22/2013. [RIN 2050-AG73]	
FED012513-7	Nanotechnology	01/18/2013	78 FR 4150 HTML PDF	Notice	Centers for Disease Control and Prevention Update of NIOSH Nanotechnology Strategic Plan for Research and Guidance Solicits comments on the types of hazard identification and risk management research for consideration for updating the following: " Protecting the Nanotechnology Workforce: NIOSH Nanotechnology Research and Guidance Strategic Plan 2013-2016 ." Comments due 03/19/2013.	
FED012513-8	Occupational Safety Laboratories	01/22/2013	78 FR 4324 HTML PDF	Notice	Occupational Safety and Health Administration Occupational Exposure to Hazardous Chemicals in Laboratories (Non-Mandatory Appendix); Technical Amendment [29 CFR Part 1910] Announces minor amendments to the non-mandatory appendix to Section 1910.1450 to include contents of the National Academy of Sciences publication, " Prudent Practices in the Laboratory: Handling and Management of Chemical Hazards ," 2011 edition. Effective 01/22/2013.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED012513-9	Occupational Safety Respirators	01/14/2013	78 FR 2618 HTML PDF	Final Rule	<p>Department of Health and Human Services</p> <p>Self-Contained Breathing Apparatus Remaining Service-Life Indicator Performance Requirements [42 CFR Part 84]</p> <p>Final rule revises requirements for open-circuit self-contained breathing apparatus remaining service-life indicators to allow greater latitude in the setting of the indicator alarm to ensure that the alarm more effectively meets protection needs of different work operations. Rule sets a minimum alarm point at 25 percent of the rated service time and allows the manufacturer to offer remaining service life set point at a higher value or values appropriate to the purchaser's use scenario. [RIN 0920-AA38]</p> <p>Open-circuit self-contained breathing apparatus remaining service-life indicators are devices built into a respirator to alert the user that the breathing air provided by the respirator is close to depletion.</p>	
FED012513-10	Pesticides Space Vehicles	01/16/2013	78 FR 3420 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Pesticide Emergency Exemptions; Agency Decisions and State and Federal Agency Crisis Declarations</p> <p>Announces an emergency pesticides exemption authorizing a NASA-specific use of orthophthalaldehyde immobilized to a porous resin to treat the ISS internal active thermal control system coolant to control microorganisms. Effective through 07/12/2013.</p>	
FED012513-11	Railroads	01/14/2013	78 FR 2713 HTML PDF	Notice	<p>Federal Railroad Administration</p> <p>Update to NEPA Implementing Procedures</p> <p>Announces revision of the FRA's "Procedures for Considering Environmental Impacts" for additions to the list of categorical exclusions, including the following:</p> <ul style="list-style-type: none"> ▪ Bridge reconstructions that do not involve extensive in-water construction ▪ Activities involving vehicles or equipment that do not include an increase in the use of infrastructure ▪ Installation or repair of small structures, such as sidewalks ▪ Environmental restoration, remediation, and pollution prevention activities conducted in conformance with applicable requirements ▪ Construction of facilities that are consistent with land use and zoning requirements ▪ Track structure maintenance and improvements <p>Effective 01/14/2013.</p> <p>Categorical exclusions are actions that FRA has determined do not require the preparation of an EA or EIS because they are not expected to have significant environmental effects.</p>	NASA Centers and activities related to railroads should be aware of this action.
FED012513-12	Toxic Substances	01/22/2013	78 FR 4419 HTML PDF	Notice Meeting	<p>National Institutes of Health; Department of Health and Human Services</p> <p>Draft Report on Carcinogens Monographs for 1-Bromopropane and Cumene; Availability of Documents; Request for Comments; Notice of Meeting</p> <p>Announces a meeting to review the "Draft Report on Carcinogens (RoC) Monographs for 1-Bromopropane and Cumene." Meeting is scheduled for 03/21/2013 in Morrisville, North Carolina.</p> <p>1-Bromopropane, also known as n-propyl bromide, is used as a solvent and as a constituent of formulated materials.</p>	NASA Centers and operations using nPB should be aware of this action.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED012513-13	Toxic Substances Profiles	01/18/2013	78 FR 4147 HTML PDF	Notice	<p>Agency for Toxic Substances and Disease Registry, Department of Health and Human Services</p> <p>Notice of Development of Set 26 Toxicological Profiles</p> <p>Announces development of Set 26 Toxicological Profiles, which will consist of three updated profiles and two new profiles. The following toxicological profiles are currently in development:</p> <ul style="list-style-type: none"> ▪ Trichloroethylene (update) ▪ Tetrachloroethylene (update) ▪ Hydrogen sulfide/carbonyl sulfide (update) ▪ Glutaraldehyde (new) ▪ Parathion (new) <p>Availability of profiles for public comment will be announced later.</p>	
FED012513-14	Toxic Substances SNURs	01/23/2013	78 FR 4806 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Proposed Significant New Use Rule on Certain Chemical Substances</p> <p>Proposes SNURs for the following chemicals:</p> <ul style="list-style-type: none"> ▪ Pentane, 1,1,1,2,3,3- hexafluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)- ▪ Partially fluorinated alcohol substituted glycols (generic) <p>This action would require persons who intend to manufacture, import, or process any chemical substance for an activity that is designated as a significant new use by this proposed rule to notify EPA at least 90 days before that activity begins. Comments due 02/22/2013.</p>	

1.2 Other News and Developments

1.2.1 Final Amendments to RICE NESHAP

On 14 January 2013, EPA posted a pre-publication version of [revisions](#) to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Reciprocating Internal Combustion Engines (RICE) [[40 CFR 63 Subpart ZZZZ](#)]. The emission standards apply to stationary combustion engines used for electricity generation and to power equipment at industrial and other facilities. Revisions affect certain sources, including the following:

- Area source stationary spark ignition engines of more than 500 horsepower
- Engines scheduled to be replaced and certain engines installed in 2006
- Certain stationary internal combustion engines on offshore vessels
- Certain emergency engines

Revisions include the following:

- Alternative formaldehyde reduction compliance demonstration option for 4-stroke rich-burn spark ignition engines
- Limits for operation of emergency RICE that were already permitted for maintenance and testing to 100 hours per year

More information regarding EPA's final amendments is available on the EPA [website](#).

1.2.2 RICE NESHAP and NSPS Webinars

EPA has scheduled webinars to discuss recent amendments to the [RICE NESHAP \(40 CFR 63 Subpart ZZZZ\)](#) and RICE New Source Performance Standards (NSPS) ([40 CFR 60 Subparts IIII and JIII](#)). Webinars are scheduled for the following dates:

- [28 February 2013](#)
- [06 March 2013](#)
- [14 March 2013](#)
- [19 March 2013](#)

Tentative webinar agenda includes the following:

- Overview of the RICE NESHAP and NSPS regulations
- Explanation of the recent final rule amendments
- Question-and-answer session
- Discussion of compliance tools and steps for compliance

1.2.3 European Chemicals Agency SVHC Authorization List Recommendations

On 17 January 2013, the ECHA [recommended](#) 10 substances of very high concern ([SVHCs](#)) for authorization in the EU's Registration, Evaluation, and Authorization of Chemicals ([REACH](#)) regulation. Substances included on the [Authorization List](#), REACH Annex XIV, require special authorization for continued manufacture and use in the EU after an assigned "sunset" date.

Although such requirements 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. Substances recommended for addition to the Authorization List are listed in the following table:

Substance Name	CAS Number	Usage Examples and Reason for Listing as noted by ECHA
1,2-Dichloroethane (EDC)	107-06-2	Solvent in the manufacture of fine chemicals and pharmaceuticals and in mixtures for biochemical applications. Carcinogenic.
2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	Curing agent in resins and in the production of polymer articles. Carcinogenic.
Arsenic acid	7778-39-4	Used to modify properties of glass and in the production of printed circuit boards. Carcinogenic.
Bis(2-methoxyethyl) ether (Diglyme)	111-96-6	Primarily used as a reaction solvent or process chemical in distillation applications; further in batteries and in the production of plastics. Toxic for reproduction.
Dichromium tris(chromate)	24613-89-6	Anti-corrosion surface treatments of steel and aluminum in the construction and the aeronautic sectors. Carcinogenic.
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	Hardener for epoxy resins; curing agent for polymers. Carcinogenic.
N,N-Dimethylacetamide (DMAC)	127-19-5	Solvent in synthesis, the production of synthetic fibers, in industrial coatings, paint strippers, insulation paper, films and membranes. Toxic for reproduction.
Pentazinc chromate octahydroxide	49663-84-5	Anti-corrosion coatings in the vehicle coating and the aeronautic/aerospace sectors. Carcinogenic.
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	Anti-corrosion coatings in the aeronautic/aerospace and vehicle coating sectors. Carcinogenic.
Strontium chromate	7789-06-2	Anti-corrosion coatings in the aeronautic/aerospace, coil coating and vehicle coating sectors. Carcinogenic.

1.2.4 2011 Toxics Release Inventory National Analysis Report

On 16 January 2013, EPA [released](#) the 2011 annual [TRI National Analysis Overview](#). To inform the public about toxic substance management and releases to the environment at nearby facilities, facilities must submit information about each TRI-listed substance in use at or above reporting thresholds. EPA's [TRI Database](#) contains TRI information submitted by each reporting facility.

The TRI National Analysis report summarizes and interprets the most recent TRI data and compares current information to historical data. More information regarding the TRI National Analysis Report is available on the EPA [website](#).

1.2.5 Data Center and Laboratory Energy Efficiency Training

The U.S. Department of Energy's [Federal Energy Management Program](#) has scheduled a [workshop](#) regarding the energy efficiency of laboratories and data centers. The workshop is scheduled for 12 February 2013 in Cocoa, Florida.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 20 February 2013, at 10 a.m. CT.

2.0 State Regulatory Reviews

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

2.1 Alabama State Regulatory Review

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

2.1.1 Scrap Tire Program Biennial Report 2010-2012

On 18 January 2013, the Alabama Department of Environmental Management (ADEM) announced the [release](#) of the "[Scrap Tire Biennial Report 2010-2012](#)." The report addresses Alabama's Scrap Tire Program activities as undertaken by ADEM and the Alabama Scrap Tire Commission from 2011-2012, including information about the following:

- Generation
- Recycling
- Research
- Permits and Inspections
- Remediation

2.1.2 Solid Waste Program Biennial Report 2010-2012

On 24 January 2013, ADEM announced the [release](#) of the "[Solid Waste Biennial Report 2010-2012](#)." The report, which addresses Alabama's Solid Waste Program activities and accomplishments, includes the following information:

- Statewide waste reduction and recycling program, goal and measurement methodology
- Funding of ADEM's solid waste and recycling programs
- Fiscal resources for remediation of unauthorized dumps and illegal disposal sites

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
CA012513-1	Air Cap-and-Trade	01/15/2013	ARB Website	Notice	California Air Resources Board Cap-and-Trade Program February Greenhouse Gas Allowance Auction Update Announces availability of the Updated 2013 Auction Reserve Price Notice , which specifies the price and number of GHG allowances to be sold at the 2013 quarterly auction.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions								
CA012513-2	Hazardous Materials, Remediation, Waste	01/18/2013	CRNR 2013, 03z, p. 97	Final Rule	<p>Department of Toxics Substances Control</p> <p>Update Regulations to Reflect Statutory Changes per SB 1018 [22 CCR 66260.10, 66264.550-66264.552, 66264.552.5, 66264.553, 67100.13, 67383.3, 67390.2, 67391.1, 67401.1-67401.13, 69000, 69000.5, 69001-69013, and 69200-69214]</p> <p>Revises Title 22 regulations as follows:</p> <ul style="list-style-type: none"> Clarifies applicability of regulations to certain sites selected for remediation. Repeals regulations implementing the Registered Environmental Assessor Program. Repeals regulations authorizing DTSC to conduct hazardous substance investigations and to prepare remedial response plan designs for release sites. <p>Effective 01/07/2013.</p>									
CA012513-3	Natural Resources Conservation	01/23/2013	78 FR 4868 HTML PDF	Notice	<p>Bureau of Land Management</p> <p>Notice of Intent to Amend the California Desert Conservation Area Plan and Prepare an Associated Environmental Assessment</p> <p>Announces the intent to prepare an amendment to the CDCA Plan with an associated EA to analyze the sale of public land in San Bernardino County. Comments due 02/22/2013.</p>	NASA Centers and related operations in San Bernardino County should be aware of this action.								
CA012513-4	Storage Tanks ASTs	01/15/2013	ARB Website	Notice	<p>California Air Resources Board</p> <p>Aboveground Gasoline Storage Tanks Upcoming Standing Loss Control & Phase I & II EVR Requirements</p> <p>Announces the following compliance dates for required vapor recovery equipment upgrades to ASTs:</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Upgrade Requirements</th> </tr> </thead> <tbody> <tr> <td>04/01/2013</td> <td>Standing Loss Control</td> </tr> <tr> <td>07/01/2014</td> <td>Phase I EVR equipment</td> </tr> <tr> <td>01/01/2016</td> <td>Phase II EVR equipment</td> </tr> </tbody> </table> <p>Further information about the AST Vapor Recovery program is posted on the ARB website.</p>	Date	Upgrade Requirements	04/01/2013	Standing Loss Control	07/01/2014	Phase I EVR equipment	01/01/2016	Phase II EVR equipment	NASA Centers and related operations with ASTs should be aware of this action.
Date	Upgrade Requirements													
04/01/2013	Standing Loss Control													
07/01/2014	Phase I EVR equipment													
01/01/2016	Phase II EVR equipment													
CA012513-5	Toxic Substances Bisphenol A	01/25/2013	CRNR 2013, 04z, p. 109	Proposed Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Specific Regulatory Levels: Chemicals Causing Reproductive Toxicity--Bisphenol A [27 CCR 25805]</p> <p>Proposes to adopt an MADL of 290 µg/d for exposures to bisphenol A. Comments due 03/11/2013.</p> <p>Additional information is available on the OEHHA website.</p>									
CA012513-6	Toxic Substances Bisphenol A	01/25/2013	CRNR 2013, 04z, p. 112	Proposed Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Intent to List Bisphenol A [27 CCR 25805]</p> <p>Proposes to list bisphenol A as known to the state to cause reproductive toxicity (developmental endpoint) under the authoritative bodies listing mechanism. Comments due 02/25/2013.</p> <p>Bisphenol A is a component in polycarbonates and epoxy resins. Additional information is available on the OEHHA website.</p>	NASA operations using polycarbonates, epoxy resins, and other materials made using bisphenol A should be aware of this action.								

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA012513-7	Toxic Substances Chloroform	01/25/2013	CRNR 2013, 04z, p. 112	Notice Withdrawal	Office of Environmental Health Hazard Assessment Amendment to Specific Regulatory Levels: Chemicals Causing Reproductive Toxicity [27 CCR 25805] Withdraws proposed MADL for chloroform. (CRNR 2012, 20z, p. 663 , 05/18/2012). Additional information is available on the OEHHA website.	
CA012513-8	Toxic Substances Proposition 65	01/18/2013	CRNR 2013, 03z, p. 96	Notice Meeting	Office of Environmental Health Hazard Assessment Developmental and Reproductive Toxicant Identification Committee Meeting Announces a meeting of the Developmental and Reproductive Toxicant Identification Committee on 02/25/2013 in Sacramento, California. Agenda will be available for review before the meeting. Additional information is available on the OEHHA website.	
CA012513-9	Toxic Substances Styrene	01/25/2013	CRNR 2013, 04z, p. 116	Notice Workshop	Office of Environmental Health Hazard Assessment Public Workshop for the Notice of Intent to List Styrene by the Labor Code Mechanism Announces a public workshop to discuss the notice of intent to list styrene as known to the state to cause cancer by the Labor Code mechanism. (CRNR 2013, 01z, p. 42 , 01/04/2013). Public workshop is scheduled for 02/14/2013 in Sacramento, California, and will be available as a webcast . Additional information is available on the OEHHA website.	NASA-related operations using styrene-based materials should be aware of this meeting.
CA012513-10	Water NPDES	01/25/2013	SWRCB Website	Notice	State Water Resources Control Board Phase II Small MS4 General Permit Announces availability of the proposed final Phase II Small MS4 General Permit for consideration at the SWRCB meeting scheduled for 02/05/2013 in Sacramento, California.	
CA012513-11	Water Water Quality	01/16/2013	SWRCB Website	Notice	State Water Resources Control Board Amendment to the Water Quality Control Plan for the Los Angeles Region (Basin Plan) Solicits comments about the proposed approval of amendments to the Los Angeles Region Water Quality Control Plan that would revise implementation provisions for Water Contact Recreation Bacteria Objectives and certain bacteria TMDLs. Comments due 02/15/2013.	NASA Centers and related operations in southern California should be aware of this action.
CA012513-12	Water Water Quality	01/18/2013	SWRCB Website	Notice	State Water Resources Control Board Amendment to the Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) Solicits comments about the proposed approval of amendments to the San Francisco Bay Region Water Quality Control Plan intended to establish bacteria TMDLs for certain areas and bacteria water quality objectives. Comments due 02/18/2013.	ARC should be aware of this action.

2.2.1 California Air Districts Regulatory Review

2.2.1.1 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](#).

2.2.1.2 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
CAB012513-1	Air Open Burning	01/17/2013	BAAQMD Website	Notice Workshop	Bay Area Air Quality Management District Draft Amendments To Regulation 3: Fees and to Regulation 5: Open Burning Announces a series of Public Workshops to review and discuss draft amendments that would establish open burning fees by adding a new fee schedule. A workshop report is available for review. Public workshop for Santa Clara County is scheduled for 02/05/2013 in Gilroy, California.	

2.2.1.3 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](#).

2.2.1.4 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](#).

2.2.1.5 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
CAS012513-1	Air Open Burning	01/18/2013	SCAQMD Website	Notice	South Coast Air Quality Management District Proposed Amended Rule 445 (Wood-Burning Devices) and Proposed Amended Rule 444 (Open Burning) Announces a public workshop to discuss the following proposed rule amendments: <ul style="list-style-type: none"> ▪ Addition of a definition for product testing and clarification of a product testing exemption ▪ Establishment of a winter season burn restriction Workshop is scheduled for 02/13/2013 in Diamond Bar, California. Comments due 03/08/2013.	

2.2.1.6 Ventura County Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAV012513-1	Air Permit Fees	01/14/2013	VCAPCD Website	Notice	Ventura County Air Pollution Control District Rule 42–Permit Fees Announces a public workshop and an Advisory Committee meeting to discuss a proposed Permit Renewal Fee increase that would be effective 07/01/2013. The workshop is scheduled for 02/07/2013 in Ventura, California. The Draft Staff Report is available for review.	

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
FL012513-1	Administration Permits	01/25/2013	FAR Notice #12568986 ; FAR Notice #12560353 ; FAR Notice #12568404 ; FAR Notice #12568501 ;	Proposed Rule	<p>Department of Environmental Protection</p> <p>Procedures to Obtain Permits and Other Authorizations; Applications [Chapter 62-4.0505, F.A.C.]; Modification of Certification, Criteria Change, Transfer of Ownership, [Chapter 62-17.211, F.A.C.]; Modification of Certification [Chapter 62-17.680, F.A.C.]; Procedures to Obtain a Permit [Chapter 62-343.070, F.A.C.]; Content of Petition for Delegation [Chapter 62-344.400, F.A.C.]</p> <p>Proposes amendments to allow for electronic submission of permit applications and supporting materials. The proposed regulatory language is available for review, including text for the following sections:</p> <ul style="list-style-type: none"> ▪ Chapter 62-4.0505, F.A.C. ▪ Chapters 62-17.211 and 62-17.680, F.A.C. ▪ Chapter 62-343.070, F.A.C. ▪ Chapter 62-344.400, F.A.C. <p>Comments due 02/15/2013.</p>	
FL012513-2	Air SIP–Stationary Sources	01/23/2013	FAR Notice #12543572	Notice Hearing	<p>Department of Environmental Protection</p> <p>Stationary Sources-General Requirements [Chapter 62-210, F.A.C.]</p> <p>Announces a hearing to discuss the following actions for proposed amendments to Florida's SIP:</p> <ul style="list-style-type: none"> ▪ Incorporate the following amended rule sections: <ul style="list-style-type: none"> ▪ 62-210.200, F.A.C., "Definitions" ▪ 62-210.300, F.A.C., "Permits Required" ▪ 62-210.310, F.A.C., "Air General Permits" ▪ 62-210.350, F.A.C., "Public Notice and Comment" ▪ Remove Chapter 62-210.920, F.A.C., "Registration Forms for Air General Permits" <p>EPA submission materials and agenda are available for review. Hearing is scheduled for 02/22/2013 in Tallahassee, Florida. Comments due 02/22/2013.</p>	
FL012513-3	Water Clean Marina	01/14/2013	FAR Notice #12461995	Notice Workshop	<p>Department of Environmental Protection</p> <p>Clean Marina Compliance Assistance Workshop</p> <p>Announces a workshop for new and existing marine and freshwater marinas, boatyards, and retailers to discuss the following topics:</p> <ul style="list-style-type: none"> ▪ Marina safety measures ▪ Regulations ▪ BMPs ▪ Clean Marina Program <p>Workshop is scheduled for 02/13/2013 in Fort Myers, Florida.</p>	
FL012513-4	Water Permits	01/15/2013	FAR Notice #12489155	Notice Rulemaking	<p>Department of Environmental Protection</p> <p>Procedures to Obtain Permits and Other Authorizations; Applications [Chapter 62-4.050, F.A.C.]</p> <p>Announces the development of rulemaking to amend ERP processing fees. Rule development workshop is scheduled for 01/30/2013 via webinar.</p> <p>Further information is available on the FDEP ERP rules and ERP rulemaking websites.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL012513-5	Water Florida Forever Work Plan	01/24/2013	FAR Notice #12543960	Notice Hearing	St. John's River Water Management District Florida Forever Work Plan Annual Update Announces a hearing to solicit comments regarding the Florida Forever Work Plan Annual Update . Hearing is scheduled for 02/12/2013 in Palatka, Florida. Agenda will be available for review before the hearing.	
FL012513-6	Water Water Quality	01/17/2013	FAR Notice #12528828	Notice Workshop	Department of Environmental Protection Triennial Review of Surface Water Quality Standards [Chapters 62-302, F.A.C.; 62-303, F.A.C.; and 62-4, F.A.C.] Announces a workshop to discuss proposed revisions to the following chapters: <ul style="list-style-type: none"> 62-302, F.A.C., "Surface Water Quality Standards" 62-303, F.A.C., "Identification of Impaired Surface Waters" 62-4, F.A.C., "Permits" Proposed revisions include the following under the Triennial Review of state SWQSS: <ul style="list-style-type: none"> Incorporate by reference the document titled "Implementation of Florida's Numeric Nutrient Standards" in Rule 62-302.300, F.A.C. Address other issues identified during previous public workshops. Workshop is scheduled for 02/05/2013 in Tallahassee, Florida, or via webinar . Further information is available on the FDEP website.	

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
LA012513-1	Air Emission Controls	01/20/2013	AQ338	Proposed Rule	Louisiana Department of Environmental Quality Control Facilities to be Installed When Feasible [LAC 33:III.905.B] Proposes an exemption to the requirements of LAC 33:III.905.A that requires installation of air control facilities, when feasible. Proposed rule would allow the department to grant an exemption if the control facility was installed solely to comply with a proposed federal or state regulation that fails to be finalized, provided that the facility complies with the source's air permit emissions limitations. Draft text is available for review. Public hearing is scheduled for 02/27/2013 in Baton Rouge, Louisiana. Comments due 03/06/2013.	
LA012513-2	Air SIP-Ozone	01/20/2013	1301Pot1	Notice	Louisiana Department of Environmental Quality 2008 Ozone (O ₃) National Ambient Air Quality Standards (NAAQS) State Implementation Plan (SIP) Revisions Announces the intent to submit the revised infrastructure SIP to incorporate the established ozone primary standard of 0.075 ppm (73 FR 16435 , 03/27/2008). Comments due 02/19/2013.	

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
MD012513-1	Air Permits	01/25/2013	40:2 Md.R. 168	Notice	Department of the Environment Final Calendar Year 2013 Standard Permit Application Turnaround Times Announces availability of CY2013 final standard permit turnaround times .	
MD012513-2	Air SIP-VOCs	01/25/2013	78 FR 5290 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Maryland; Reasonably Available Control Technology Requirements for Volatile Organic Compounds [40 CFR Part 52] Approves SIP revisions pertaining to adoption of the following actions with the intent to align MDE regulations with federal CTGs for certain source categories: <ul style="list-style-type: none"> ▪ Various test methods ▪ Calculation methods ▪ Work practice standards and exemptions Affected source categories include the following: <ul style="list-style-type: none"> ▪ Paper, film, and foil coatings ▪ Industrial cleaning solvents ▪ Miscellaneous metal and plastic parts coatings ▪ Large appliance coatings ▪ Offset lithographic printing and letterpress printing ▪ Flat wood paneling coatings ▪ Flexible package printing Effective 02/25/2013.	GSEC should be aware of this action.
MD012513-3	Natural Resources Fertilizers	01/25/2013	40:2 Md.R. 157	Proposed Rule	Department of Agriculture Soil and Water Conservation-Fertilizer Application Requirements for Land Not Used for Agricultural Purposes [COMAR 15.20.10] Proposes to establish requirements related to fertilizer application and training for persons who apply fertilizers to land that is not used for agricultural purposes. Proposed requirements include the following: <ul style="list-style-type: none"> ▪ Certification and licensing ▪ Registration requirements ▪ Record keeping and reporting ▪ Soil testing ▪ Civil penalties ▪ Rates of application criteria Comments due 02/25/2013.	
MD012513-4	Occupational Safety Noise	01/25/2013	40:2 Md.R. 73	Final Rule	Department of the Environment Control of Noise Pollution [COMAR 26.02.03] Approves the following actions: <ul style="list-style-type: none"> ▪ Repeal the requirement for MDE to enforce noise control standards, making enforcement optional for local governments. ▪ Clarify noise standards. ▪ Extend exemption of noise and vibration prohibitions to certain marine equipment. Effective 02/04/2013.	

2.6 Mississippi State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of 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
NM012513-1	Air SIP	01/22/2013	78 FR 4339 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; New Mexico; Revisions to the New Source Review (NSR) State Implementation Plan (SIP); Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR) Permitting [40 CFR Part 52]</p> <p>Adopts the following NNSR and PSD SIP permitting revisions:</p> <ul style="list-style-type: none"> ▪ PM_{2.5} PSD Increment–Significant Impact Levels–Significant Monitoring Concentration Rule ▪ Phase 2 8-hour ozone implementation rule for NAAs ▪ NSR PM_{2.5} Rule ▪ Reasonable possibility in recordkeeping Effective 02/21/2013. 	
NM012513-2	Air SIP–PM _{2.5}	01/22/2013	78 FR 4337 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Air Quality Implementation Plans; New Mexico; Infrastructure and Interstate Transport Requirements for the 2006 PM_{2.5} NAAQS [40 CFR Part 52]</p> <p>Adopts the New Mexico infrastructure plan to implement, maintain, and enforce the 2006 PM_{2.5} NAAQS. Effective 02/21/2013.</p>	

2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Ohio. An archive of past public notices is available on the OEPA [website](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH012513-1	Air NO _x	01/23/2013	DAPC–What’s New	Proposed Rule	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>Availability of Draft for Comment–NO_x RACT [OAC 3745-110]</p> <p>Proposes addition of new presumptive NO_x emission limitation for reheat furnaces, as well as other minor, clarifying amendments. Further details are provided in the Interested Party Notice, Business Impact Analysis, and Synopsis. Comments due 02/25/2013.</p>	
OH012513-2	Air SIP–NO _x	01/15/2013	DAPC–What’s New	Notice	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>Draft of Statewide Nitrogen Dioxide Infrastructure SIP Available for Public Comment</p> <p>Announces availability of the Statewide Nitrogen Dioxide Infrastructure SIP. Public hearing is scheduled for 02/19/2013 in Columbus, Ohio. Comments due 02/19/2013.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH012513-3	Waste Hazardous Waste	01/24/2013	OEPA Weekly Review 01/25/2013	Final Rule	Division of Materials and Waste Management, Ohio Environmental Protection Agency Hazardous Waste Biennial Set Rules [OAC 3745] Finalizes rule amendments requiring biennial submittals of certain hazardous waste reports. Amendments do not affect record-keeping and record retention requirements under OAC 3745-52-40. Effective 02/05/2013.	
OH012513-4	Water NPDES	01/22/2013	DSW-Proposed Rules	Proposed Rule	Division of Surface Water, Ohio Environmental Protection Agency Proposed NPDES and Pre-treatment Rules [OAC 3745-33-04 and 36-03] Proposes updates to provide the Director discretion in permit renewals regardless of whether the permittee is in compliance with current permit conditions. Further details are provided in the Interested Party Notice , Public Notice , and Fact Sheet . Public hearing is scheduled for 02/26/2013 in Columbus, Ohio. Comments due 02/26/2013.	

2.9 Texas State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Texas.

2.10 Utah State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Utah.

2.11 Virginia State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA012513-1	Air NESHAP, NSPS	01/14/2013	29:10 VA.R. 1484-1500	Final Rule	Virginia Department of Environmental Quality State Air Pollution Control Board New and Modified Stationary Sources [9VAC5-50], Hazardous Air Pollutant Sources [9VAC5-60] Incorporates by reference updated federal regulations: <ul style="list-style-type: none"> Modified NSPS: Subpart D, Fossil Fuel-Fired Steam Generators Modified NSPS: Subpart Da, Electric Utility Steam Generating Units Date of CFR book for NESHAPs (40 CFR 61) Modified NESHAP: Subpart X, Secondary Lead Smelting New NESHAP: Subpart UUUUU, Coal-fired and Oil-fired Electric Steam Generating Utility Plants New NESHAP: Subpart HHHHHHH, Polyvinyl Chloride and Copolymers Production Effective 02/13/2013.	
VA012513-2	Air Permitting	01/16/2013	VDEQ Website	Notice	Virginia Department of Environmental Quality WFF State Operating Permit Amendment Solicits comments for a draft amendment to WFF's state operating permit to include additional equipment that would allow for onsite generation of uninterrupted electrical services during pre- and post-launch activities. Comments due 02/13/2013.	WFF should be aware of this notice.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA012513-3	Species Virginia Emerald Ash Borer	01/14/2013	29:10 VA.R. 1468	Final Rule	Virginia Department of Agriculture Board of Agriculture and Consumer Services Virginia Emerald Ash Borer Quarantine for the Enforcement of the Virginia Pest Law [2VAC5-355] Repeals regulations pertaining to the enforcement of the Virginia Emerald Ash Borer quarantine. Effective 12/28/2012.	
VA012513-4	Waste Solid Waste	01/14/2013	29:10 VA.R. 1500	Notice	Virginia Department of Environmental Quality Virginia Waste Management Board Solid Waste Management Regulations [9VAC20-81] Announces availability of the following updated forms: <ul style="list-style-type: none"> ▪ Annual Report OA/OC Submission Checklist, DEQ Form ARSC-01 (revised 07/2011) ▪ Solid Waste Management Facility Permit Applicant's Disclosure Statement, DEQ Form DISC-01 (revised 07/2012) ▪ Solid Waste Management Facility Permit Applicant's Disclosure Statement–Key Personnel, DEQ Form DISC-02 (revised 07/2012) ▪ Solid Waste Management Facility Permit Applicant's Disclosure Statement–Quarterly Update, DEQ Form DISC-03 (revised 07/2012) ▪ Request for Certification (Local Government), DEQ Form SW-11-1 (revised 07/2011) ▪ Special Disposal Request, DEQ Form SWDR (revised 01/2012) ▪ Solid Waste Part A Application, DEQ Form SW PTA (revised 03/2011) ▪ Solid Waste Disposal Facility Part B Application, DEQ Form SW-PTB (revised 03/2011) ▪ Solid Waste Information and Assessment Program–Reporting Table, Form DEQ 50-25 (revised 11/2012) ▪ Statement of Economic Benefits and Instructions for Completing Form DEQ 50-25 (revised 12/2012) 	
VA012513-5	Waste Solid Waste	01/14/2013	29:10 VA.R. 1500	Notice	Virginia Department of Environmental Quality Virginia Waste Management Board Solid Waste Management Permit Action Fees and Annual Fees [9VAC20-90] Announces availability of the following updated forms: <ul style="list-style-type: none"> ▪ Solid Waste Information and Assessment Program–Reporting Table, Form DEQ 50-25 (revised 11/2012) ▪ Statement of Economic Benefits and Instructions for Completing Form DEQ 50-25 (revised 12/2012) ▪ Solid Waste Annual Fee Quarter Payment Form PF001 (revised 08/2012) 	