



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

14 December 2012

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 "77 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

AAC = Alabama Administrative Code	NSRL = No significant risk level
ADEM = Alabama Department of Environmental Management	NSR = New Source Review
AQ = Air quality	ODS = Ozone depleting substance
ARB = Air Research Board	OEHHA = Office of Environmental Health Hazard Assessment
BACT = Best available control technology	PCB = Polychlorinated biphenyl
CAA = Clean Air Act	PERP = Portable Equipment Registration Program
CCR = California Code of Regulations	PHG = Public health goal
CEMS = Continuous emissions monitoring system	PM ₁₀ = Particulate matter having an aerodynamic equivalent diameter of 10 microns or less
CFR = <i>Code of Federal Regulations</i>	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
C.I. = Carcinogen identification	ppb = Parts per billion
COMAR = Code of Maryland Regulations	ppm = Parts per million
CRNR = California Regulatory Notice Register	PSD = Prevention of Significant Deterioration
CY = Calendar year	PST = Petroleum storage tank
DAR = Division of Administrative Rules	PTE = Potential to emit
DFRC = Dryden Flight Research Center	QA/QC = Quality assurance/quality control
DOE = U.S. Department of Energy	RCRA = Resource Conservation and Recovery Act
E2S2 = Environment, energy security, and sustainability	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
ECHA = European Chemicals Agency	RIN = Regulatory Identification Number
EIB = Environmental Improvement Board	ROC = Reactive organic compound
EKAPCD = Eastern Kern Air Pollution Control District	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EPA = U.S. Environmental Protection Agency	SCAQMD = South Coast Air Quality Management District
ERC = Emission reduction credit	SIP = State Implementation Plan
F.A.C = Florida Administrative Code	SSC = Stennis Space Center
FAR = <i>Florida Administrative Register</i>	SSFL = Santa Susana Field Laboratory
FR = <i>Federal Register</i>	SVHC = Substances of very high concern
GHG = Greenhouse gas	TANA = Technical assistance needs assessment
ICR = Information Collection Request	tpy = Tons per year
IRIS = Integrated Risk Information System	UDAQ = Utah Department of Environmental Quality
LAC = Louisiana Administrative Code	U.S. = United States
LDEQ = Louisiana Department of Environmental Quality	USDA = U.S. Department of Agriculture
MACT = Maximum achievable control technology	VAC = Virginia Administrative Code
MDAQMD = Mojave Desert Air Quality Management District	VA.R. = <i>Virginia Register</i>
Md.R. = <i>Maryland Register</i>	VCAPCD = Ventura County Air Pollution Control District
MSFC = Marshall Space Flight Center	VOC = Volatile organic compound
NAA = Nonattainment area	WQ = Water quality
NAAQS = National Ambient Air Quality Standards	WFF = Wallops Flight Facility
NASA = National Aeronautics and Space Administration	
NDIA = National Defense Industrial Association	
NMAC = New Mexico Administrative Code	
NMED = New Mexico Environmental Department	
NO ₂ = Nitrogen dioxide	

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

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

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED121412-1	Air ODS–Fire Suppression	12/14/2012	77 FR 74381 HTML PDF	Notice Withdrawal	U.S. Environmental Protection Agency Protection of Stratospheric Ozone: Listing of Substitutes for Ozone Depleting Substances–Fire Suppression and Explosion Protection [40 CFR Part 82] Withdraws part of the direct final rule that listed C7 Fluoroketone as acceptable, subject to narrowed use limits, as a substitute for Halon 1211 (77 FR 58035 , 09/19/2012). EPA will address public comments and publish a separate final rule in the future. [RIN-2060-AQ84]	
FED121412-2	Air SIP	12/05/2012	77 FR 72284 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans: Region 4 States: Section 110(a)(2)(D)(i)(II) Infrastructure Requirement for the 1997 and 2006 Fine Particulate Matter National Ambient Air Quality Standards [40 CFR Part 52] Proposes to approve Alabama and Mississippi submissions for PSD requirements for the 1997 annual and 2006 24-hour PM _{2.5} NAAQS infrastructure SIPs. Comments due 01/04/2012.	MSFC and SSC should be aware of this action.
FED121412-3	Energy Vehicles	12/10/2012	77 FR 73458 HTML PDF	Notice	Office of Energy Efficiency and Renewable Energy Vehicle Technologies Program; Request for Information Solicits information about DOE's current electronic tools available to assist fleets and consumers in reducing petroleum consumption in vehicles. Comments due 01/09/2013.	
FED121412-4	Natural Resources	12/14/2012	77 FR 74456 HTML PDF	Notice	Natural Resources Conservation Service Notice of Proposed Changes to the National Handbook of Conservation Practices for the Natural Resources Conservation Service Announces availability of proposed revisions to conservation practice standards in the "National Handbook of Conservation Practices," including the following: <ul style="list-style-type: none"> ▪ Amendments for the Treatment of Agricultural Waste (Code 591) ▪ Building Envelope Improvement (Code 672) ▪ Fence (Code 382) ▪ Lighting System Improvement (Code 670) ▪ Recreation Land Grading and Shaping (Code 566) ▪ Row Arrangement (Code 557) ▪ Sprinkler System (Code 442) ▪ Tree/Shrub Site Preparation (Code 490) ▪ Waste Separation Facility (Code 632) ▪ Waste Treatment (Code 629) ▪ Watering Facility (Code 614) ▪ Waterspreading (Code 640) These practices can be used in conservation systems that treat highly erodible land or on land determined to be a wetland. Comments due 01/14/2013.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED121412-5	Procurement Biobased Products	12/05/2012	77 FR 72653 HTML PDF	Proposed Rule	<p>Office of Procurement and Property Management; U.S. Department of Agriculture</p> <p>Designation of Product Categories for Federal Procurement [7 CFR Part 3201]</p> <p>Proposes to amend the "Guidelines for Designating Biobased Products for Federal Procurement" to add sections designating product categories within which biobased products would be afforded federal procurement preference. Categories include the following:</p> <ul style="list-style-type: none"> ▪ Aircraft and boat cleaners ▪ Automotive care products ▪ Engine crankcase oil ▪ Gasoline fuel additives ▪ Metal cleaners and corrosion removers ▪ Microbial cleaning products ▪ Paint removers ▪ Water turbine bearing oils <p>Also proposes to add the subcategories:</p> <ul style="list-style-type: none"> ▪ Countertops to the composite panels category ▪ Wheel bearing and chassis grease to the greases category <p>Proposed rulemaking would establish minimum biobased contents for each of these product categories and subcategories. Comments due 02/04/2013. [RIN 0599-AA16]</p> <p>Spacecraft systems and launch support equipment are exempt from preferred procurement requirements. Further information regarding the federal biobased preferred procurement program is available on the USDA website.</p>	NASA procurement should be aware of this action.
FED121412-6	Superfund	12/12/2012	77 FR 74002 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Proposed Information Collection Request; Comment Request; Technical Assistance Needs Assessments (TANAs) at Superfund Remedial or Removal Sites</p> <p>Solicits comments about specific aspects of the proposed ICR "Technical Assistance Needs Assessments at Superfund Remedial or Removal Sites." The proposed ICR would cover the usage of TANAs with members of the affected community to evaluate how the community is receiving technical information about a Superfund remedial or removal site. Comments due 02/11/2013.</p>	
FED121412-7	Toxic Substances	12/13/2012	77 FR 74192 HTML PDF	Notice	<p>Department of Health and Human Services</p> <p>Availability of Final Toxicological Profiles</p> <p>Announces availability of the following final toxicological profiles of priority hazardous substances:</p> <ul style="list-style-type: none"> ▪ Acrylamide ▪ 1,3-Butadiene ▪ Cadmium ▪ Carbon monoxide ▪ Chromium ▪ 1,4-Dioxane ▪ Manganese ▪ Phosphate ester flame retardants ▪ Radon ▪ Vanadium 	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED121412-8	Toxic Substances Arsenic	12/06/2012	77 FR 72858 HTML PDF	Notice Workshop	<p>U.S. Environmental Protection Agency</p> <p>Toxicological Review of Inorganic Arsenic (Cancer and Noncancer Effects): In Support of Summary Information on the Integrated Risk Information System (IRIS)</p> <p>Announces a planning workshop to focus on toxicology information related to chronic exposure to inorganic arsenic. Tentative workshop agenda includes discussion of the following:</p> <ul style="list-style-type: none"> ▪ Significant new and emerging research ▪ Methods for evaluating literature ▪ Identification of critical research issues (including mode of action) that might affect the toxicological review ▪ Approaches for dose response <p>Workshop is scheduled for 01/08/2013 through 01/09/2013.</p>	
FED121412-9	Toxic Substances Cadmium	12/03/2012	77 FR 71561 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Health and Safety Data Reporting: Addition of Certain Chemicals [40 CFR Part 716]</p> <p>Requires manufacturers (including importers) of cadmium or cadmium compounds, including as part of an article, that have been or are reasonably likely to be incorporated into consumer products to report certain unpublished health and safety studies to EPA. Effective 01/02/2013. [RIN 2070-AJ89]</p> <p>For this rule, "consumer product" is defined as "any product that is sold or made available to consumers for their use in or around a permanent or temporary household or residence, in or around a school, or in or around recreational areas."</p>	
FED121412-10	Waste Recycling-PCBs	12/12/2012	77 FR 74006 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Polychlorinated Biphenyls (PCBs): Recycling Plastics From Shredder Residue</p> <p>Solicits comments about the interpretation of regulations that generally would allow for the recycling of plastic separated from shredder residue under the conditions described in the "Voluntary Procedures for Recycling Plastics from Shredder Residue." The procedures are intended to prevent the introduction of PCBs that are regulated for disposal into recycled plastics recovered from shredder residue generated by metal-recycling facilities. Comments due 01/11/2013.</p>	
FED121412-11	Waste Recycling-Scrap Metals	12/12/2012	77 FR 73996 HTML PDF	Notice	<p>U.S. Department of Energy</p> <p>Notice of Availability for the Draft Programmatic Environmental Assessment for the Recycling of Scrap Metals Originating From Radiological Areas</p> <p>Announces the availability of the "Draft Programmatic Environmental Assessment for the Recycling of Scrap Metals Originating from Radiological Areas." This document provides an analysis of potential environmental impacts associated with clearing and releasing scrap metal, originating from DOE radiological areas, for recycling. Recycling would be conducted pursuant to improved procedures designed to assure that clearance for release is limited to metals that meet stringent criteria. Comments due 01/11/2013.</p>	

1.2 Other News and Developments

1.2.1 Updates to European Chemicals Agency's Registry of Current Substances of Very High Concern Intentions

On 11 December 2012, as part of its implementation of the European Union's regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), the European Chemicals Agency (ECHA) added four substances to the [Registry of SVHC Intentions](#). ECHA expects the technical dossiers for these substances to be submitted in February 2013. Dossier submittal is the first step of the process by which substances are considered for designation as SVHCs and addition to the [Candidate List for Authorization](#). Substances on the Candidate List potentially could be added to the REACH [Authorization List](#) (Annex XIV), which would significantly limit substance availability and use in the European Union. The substances are listed in the following table:

Substance Name	CAS Number
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3

1.2.2 Environment, Energy Security, and Sustainability (E2S2) Symposium and Exhibition

The annual National Defense Industrial Association's (NDIA's) [E2S2 Symposium and Exhibition](#) is scheduled for 10 to 13 June 2013 in New Orleans, Louisiana. The E2S2 forum provides a platform for integrating the needs of national security and defense agencies with energy, environmental, and sustainability issues. [Registration](#) will begin 13 April 2013. The E2S2 symposium currently is soliciting abstracts for [presentations and exhibitions](#). Abstracts are due 01 February 2013. Topics and issues scheduled for discussion include the following:

Environmental Topics	Energy Security Topics	Sustainability Topics
Acquisition	Acquisition, Financing, and Budgeting	Climate Change and Adaptation
Environmental Management	Efficiencies	Partnerships
Environmental Restoration	Partnerships	Sustainable Design and Construction
Emerging Technology and Technology Transition Success	Technologies	Sustainability Management and Implementation
Partnerships		Water Sustainability

1.2.3 2011 National Hazardous Waste Biennial Report

EPA recently released the 2011 National Hazardous Waste [Biennial Report](#). The Biennial Report presents data collected by the states regarding cradle-to-grave management of waste regulated by the Resources Conservation and Recovery Act ([RCRA](#)) of 1976. The Biennial Report summarizes information and presents trends related to the generation and disposal of RCRA-regulated waste. Information is reported in three volumes, as follows:

- Volume [One](#) presents a national-level analysis of waste-handling practices and information.
- Volume [Two](#) presents a state-level analysis of waste-handling practices and information.
- Volume [Three](#) presents a list of those RCRA-regulated facilities that submitted data for the Biennial Report.

1.2.4 Fleet Petroleum Reduction Planning

As part of the [Alternative Fuels Data Center](#), the [National Renewable Energy Laboratory](#) has released a petroleum planning tool that allows facility fleet managers to calculate costs and evaluate the benefits of implementing petroleum fuel and greenhouse gas (GHG) strategies. The [Petroleum Reduction Planning Tool](#) allows users to track different types of vehicles (light/heavy duty trucks, passenger cars, etc.) and the specific fuel-reduction strategy attributed to each vehicle type. The tool consists of the following fuel conservation methods and associated [assumptions](#) to calculate fuel use, savings, and GHG emissions:

- Vehicle replacement
- Alternative fuel use in existing vehicles
- Idling reduction
- Mileage reduction
- Efficient driving

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.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
AL121412-1	Waste Treatment	12/02/2012	Public Notice 210	Notice Hearing	Alabama Department of Environmental Management Centralized Waste Treatment Facilities [AAC 335-6-13] Announces a hearing to discuss the proposed Chapter 335-6-13, Centralized Waste Treatment Facility Financial Assurance Requirements. This proposed rule is intended to ensure that sufficient resources are available to close these types of facilities in the future. Proposed rules and the summary of reasons are available for review. Hearing is scheduled for 01/16/2013 at the ADEM offices in Montgomery, Alabama. Comments due 02/04/2013.	

2.2 California State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA121412-1	Air GHGs	12/03/2012	ARB Website	Notice	California Air Resources Board 2013 Annual Auction Reserve Price Notice Announces availability of the 2013 Annual Auction Reserve Price Notice , which specifies the following items: <ul style="list-style-type: none"> 2013 Auction Reserve Price Number of allowances to be auctioned in 2013 Dates of the 2013 quarterly auctions The 2013 quarterly auctions will offer 2013 vintage allowances and 2016 vintage allowances for sale. The Auction Reserve Price is a predetermined minimum price at which allowances are sold to auction participants. The 2013 Auction Reserve Price is \$10.71.	
CA121412-2	Air NAAQS–Ozone	12/03/2012	77 FR 71551 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; California; Determinations of Attainment for the 1997 8-hour Ozone Standard [40 CFR Part 52] Determines that the Kern and Ventura counties NAAs have attained and continue to attain the 1997 8-hour ozone NAAQS, based on the most recent 3 years of data. Suspends requirements to submit revisions to the SIP related to the 1997 8-hour ozone NAAQS. Effective 01/02/2013.	DFRC and SSFL should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA121412-3	Air Portable Equipment	12/06/2012	77 FR 72851 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>California State Nonroad Engine Pollution Control Standards; Portable Equipment Registration Program; Notice of Decision</p> <p>Authorizes the ARB to amend its PERP and confirms that certain portions of the ARB's PERP is within the scope of previous EPA authorizations. Petitions for review due 02/04/2013.</p> <p>PERP is a voluntary statewide program that enables registration of non-road engines and equipment that operate at multiple locations across California, so that the engine and equipment owners can operate throughout California without obtaining permits from local air pollution control districts. Additional information is available at the PERP website.</p>	NASA Centers and related operations should be aware of this action.
CA121412-4	Species Riverside Fairy Shrimp	12/04/2012	77 FR 72069 HTML PDF	Final Rule	<p>U.S. Fish and Wildlife Service</p> <p>Revised Critical Habitat for the Riverside Fairy Shrimp [50 CFR Part 17]</p> <p>Revises critical habitat for the Riverside Fairy Shrimp in Ventura, Orange, and San Diego counties. Effective 01/03/2013.</p>	SSFL should be aware of this action.
CA121412-5	Toxic Substances PCBs	12/12/2012	OEHHA Website	Notice Withdrawal	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Withdrawal of Proposed Amendments for PCBs [27 CCR 25705 and 25805]</p> <p>Withdraws proposed NSRL and a specific regulatory level having no observable effect for PCBs (food chain exposures). (CRNR 2012, 15z, p. 489, 04/13/2012) Effective 12/21/2012.</p>	
CA121412-6	Toxic Substances Perchlorate	12/07/2012	CRNR 2012, 49z, pg. 1775	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Announcement of Second Public Comment Period: Draft Technical Support Document on Proposed Public Health Goal for Perchlorate in Drinking Water</p> <p>Announces availability of the revised draft technical support document for a proposed updated PHG for perchlorate in drinking water. Revision of the draft document would not modify the proposal to revise the existing perchlorate PHG from 6 to 1 ppb. Comments due 01/22/2013.</p> <p>The PHG is a level of drinking water contaminant at which adverse health effects are not expected to occur from a lifetime of exposure. Additional information is available on the OEHHA website.</p>	NASA Centers and related operations should be aware of this action.
CA121412-7	Toxic Substances Proposition 65	12/07/2012	CRNR 2012, 49z, pg. 1775	Notice Hearing	<p>Office of Environmental Health Hazard Assessment</p> <p>Rescheduled Meeting of the Carcinogen Identification Committee</p> <p>Announces a rescheduled public hearing to consider whether to list the following chemicals as known to the state to cause cancer:</p> <ul style="list-style-type: none"> ▪ 2,6-Dimethyl-n-nitrosomorpholine ▪ C.I. Disperse Yellow 3 <p>Public hearing is rescheduled for 01/25/2013 in Sacramento, California, and will be available as a webcast.</p> <p>Additional information is available on the OEHHA website.</p>	

2.2.1 Cap-and-Trade Auction 1 Summary Statistics

On 06 December 2012, the California Air Resources Board (ARB) announced the availability of an [additional Auction 1 summary statistics report](#). The report contains summary statistics from the GHG allowance auction held on 14 November 2012. The auction included a Current Auction of 2013 vintage allowances and an Advance Auction of 2015 vintage allowances. This report supports the [post-auction summary report](#), released by the ARB on 19 November 2012. Additional information regarding the auction is available on the ARB [website](#).

2.2.2 Quebec Cap-and-Trade Program

On 13 December 2012, the California Environmental Protection Agency and ARB [announced](#) Quebec's adoption of an amended cap-and-trade regulation. As a result of this action, the ARB will ask the Governor of California to review the proposed linking of California's cap-and-trade program with Quebec's program, as required under Assembly Bill 1532. Additional information about California's Cap-and-Trade Program is available at ARB's [website](#).

2.2.3 California Air Districts Regulatory Review

2.2.3.1 Antelope Valley Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Antelope Valley Air Quality Management District](#).

2.2.3.2 Bay Area Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Bay Area Air Quality Management District](#).

2.2.3.3 Eastern Kern Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAE121412-1	Air SIP	12/10/2012	77 FR 73316 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval of Air Quality Implementation Plans; California; Eastern Kern; Prevention of Significant Deterioration [40 CFR Part 52] Direct final rule approves adoption and implementation of the EKAPCD PSD Rule 210.4 into the SIP. Rule will establish a PSD permit program within EKAPCD for pre-construction review of certain new and modified major stationary sources in attainment or unclassifiable areas. Effective 02/08/2013.	

2.2.3.4 Mojave Desert Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAM121412-1	Air CEMS	12/03/2012	MDAQMD Website	Notice Workshop	Mojave Desert Air Quality Management District Continuous Emissions Monitoring System (CEMS) Workshop Announces a CEMS compliance workshop intended to cover the following topics: <ul style="list-style-type: none"> Monitoring and reporting requirements System calibration and QA/QC Compliance assurance monitoring plans Registration due 01/14/2012. Workshop is scheduled for 01/16/2013 and 01/17/2013 in Victorville, California.	
CAM121412-2	Air ERC	12/12/2012	MDAQMD Website	Proposed Rule	Mojave Desert Air Quality Management District Generation of Emission Reduction Credits for Paving Unpaved Public Roads [Rule 1406] Proposes rule to document the process to calculate and obtain ERCs for paving unpaved roads. Proposed rule would make PM ₁₀ ERCs federally enforceable and eligible for use by major NSR sources. Further information is available in the " Draft Staff Report ." Public hearing is scheduled for 01/28/2013 in Victorville, California. Comments due 01/22/2013.	

2.2.3.5 South Coast Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS121412-1	Air SIP	12/10/2012	77 FR 73320 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval of Air Quality Implementation Plans; California: South Coast Air Quality Management District; Prevention of Significant Deterioration; Greenhouse Gases [40 CFR Part 52] Finalizes approval of a SIP modification to include SCAQMD Rule 1714 regarding PSD for GHGs. Rule will establish a PSD permit program within SCAQMD applicable to certain new and modified major stationary sources of GHGs. Effective 01/09/2013.	NASA Centers and related operations should be aware of this action.
CAS121412-2	Air SIP	12/14/2012	77 FR 74372 HTML PDF	Final Rule	U.S. Environmental Protection Agency Revisions to the California State Implementation Plan, South Coast Air Quality Management District [40 CFR Part 52] Finalizes approval of SCAQMD Rule 317, "Clean Air Act Non-Attainment Fee," an equivalent program to the CAA Section 185, as a revision to SCAQMD's portion of the California SIP. Effective 01/14/2013.	

2.2.3.6 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
CAV121412-1	Air Coating- Aerospace Assembly	12/04/2012	VCAPCD Website	Notice	Ventura County Air Pollution Control District Aerospace Assembly & Component Manufacturing Operations [Rule 74.13] Announces a compliance advisory for Aerospace Assembly & Manufacturing regarding new ROC limits for spray equipment cleanup . ROC limits were effective 12/01/2012.	NASA-related operations should be aware of this action.
CAV121412-2	Air Coating- Adhesives and Sealants	12/04/2012	VCAPCD Website	Notice	Ventura County Air Pollution Control District Adhesives and Sealants [Rule 74.20] Announces a compliance advisory for ROC content limits of solvent cleaners used in surface prep, solvent cleaning, and spray equipment cleaning during adhesive and sealant operations. ROC limits were effective 12/01/2012.	NASA-related operations should be aware of this action.
CAV121412-3	Air Monitoring	11/30/2012	VCAPCD Website	Notice	Ventura County Air Pollution Control District Draft 2012 Ambient Air Monitoring Network Plan Announces availability of the Draft 2012 Ambient Air Monitoring Network Plan , which describes the VCAPCD's network of air quality monitoring stations. The plan also includes a review of actions taken during 2011-2012 and pending modifications scheduled for 2013. Comments due 12/31/2012.	
CAV121412-4	Air SIP	12/07/2012	77 FR 72968 HTML PDF	Final Rule	U.S. Environmental Protection Agency Revisions to the California State Implementation Plan for Ventura County Air Pollution Control District [40 CFR Part 52] Direct final rule approves revisions to the VCAPCD portion of the SIP, specific to Rule 2 definitions. Comments due 01/07/2013. Effective 02/05/2013	

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
FL121412-1	Air Fees	12/13/2012	FAR Notice #12384686	Proposed Rule	Department of Environmental Protection Annual Emissions Fee [62-213.205, F.A.C.] Proposes the following amendments to Chapter 62-213.205, F.A.C.: <ul style="list-style-type: none"> Delete repeat statutory language. Decrease the annual emissions fees that Title V facilities must pay in CY2013. Proposed rule text is available for review. Comments due 01/13/2013.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL121412-2	Air SIP-NO ₂	12/14/2012	FAR Notice #12390894	Notice Meeting	Department of Environmental Protection State Implementation Plan-2010 National Ambient Air Quality Standard for Nitrous Dioxide Announces an opportunity to request a public hearing or to provide comments about a proposal to submit SIP documentation to EPA confirming that Florida complies with the 2010 revised NAAQS for NO ₂ . If requested, public hearing will be scheduled for 01/16/2013 in Tallahassee, Florida. Comments due 01/14/2013.	
FL121412-3	Air SIP-PM _{2.5}	12/05/2012	77 FR 72287 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Florida; 110(a)(2)(D)(i)(II) Infrastructure Requirement for the 1997 and 2006 Fine Particulate Matter National Ambient Air Quality Standards [40 CFR Part 52] Proposes to partially approve and partially disapprove SIP submissions related to provisions prohibiting emissions interfering with any other state's required measures, to prevent significant deterioration of the state's air quality. Other applicable infrastructure requirements for the 1997 annual and 2006 24-hour PM _{2.5} NAAQS will be addressed in separate rulemakings. Comments due 01/04/2013.	
FL121412-4	Water Sewage	12/06/2012	FAR Notice #12356653	Notice Meeting	Department of Health Standards for Onsite Sewage Treatment and Disposal Systems [Chapter 64E-6, F.A.C.] Announces a series of monthly meetings to examine applications for variance from Chapter 64E-6, F.A.C., "Standards for Onsite Sewage Treatment and Disposal Systems," and to solicit input about rule issues. First meeting is scheduled for 01/10/2013 in Lecanto, Florida.	

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
LA121412--1	Air PM _{2.5}	12/20/2012	AQ328ft	Final Rule	Louisiana Department of Environmental Quality PM _{2.5} Increments, Significant Impact Levels and Significant Monitoring Concentration [LAC 33:III.509] Final rule incorporates the provisions of EPA's final rule entitled, "Prevention of Significant Deterioration for Particulate Matter Less Than 2.5 Micrometers-Increments, Significant Impact Levels and Significant Monitoring Concentration" (75 FR 64863 , 10/20/2010) into the Louisiana air regulations. Effective 12/20/2012.	
LA121412--2	Air SIP-NO ₂	12/20/2012	1212Pot2	Notice	Louisiana Department of Environmental Quality 2010 Nitrogen Dioxide (NO ₂) National Ambient Air Quality Standards (NAAQS) State Implementation Plan (SIP) Revisions Announces LDEQ's intent to submit the revised infrastructure SIP to incorporate the established NO ₂ primary standard of 0.1 ppm (75 FR 6473 , 02/09/2010). Comments due 02/28/2013.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
LA121412--3	Water Water Quality	12/20/2012	WQ085S	Notice Hearing	<p>Louisiana Department of Environmental Quality</p> <p>Minor Revisions to Water Quality Standards Antidegradation Language [LAC 33:IX.1109 and 1119]</p> <p>Announces a hearing to discuss the following proposed amendments:</p> <ul style="list-style-type: none"> Approves incorporation of certain implementation procedures into the Water Quality Management Plan after appropriate public participation and intergovernmental coordination. Clarifies applicability of the antidegradation policy to both activities and discharges. Adds language to address increased wastewater discharges and to clarify permit requirements. <p>Public hearing is scheduled for 01/29/2013 in Baton Rouge, Louisiana. Comments due 01/29/2013.</p>	

2.5 Maryland State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD121412-1	Air Permits	12/14/2012	39:25 Md.R. 1615	Final Rule	<p>Department of the Environment</p> <p>Permits, Approvals, and Registration [COMAR 26.11.02]</p> <p>Amends 26.01.02.09, "Sources Subject to Permits to Construct and Approvals," to exempt MACT area sources listed in 26.11.02.10 from obtaining permits to construct. Listed MACT area sources include, but are not limited to, certain stationary internal combustion engines. Effective 12/24/2012.</p> <p>The full list of sources is available on the State of Maryland's regulatory website.</p>	

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
NM121412-1	Air SIP	12/12/2012	EIB Website	Notice	<p>Environmental Improvement Board</p> <p>Conformity of General Federal Action to the State Implementation Plan [20.2.98 NMAC]</p> <p>Announces availability of a regulatory change petition requesting repeal of proposed 20.2.98 NMAC rule revisions and scheduling of an adoption hearing for 04/01/2013. Petition hearing is scheduled for 01/07/2013 in Santa Fe, New Mexico.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
NM121412-2	Storage Tanks	12/10/2012	NMED Website	Notice	New Mexico Environmental Department New and Upgraded Storage Tank Systems: Design, Construction and Installation [20.5.4 NMAC], General Operating Requirements [20.5.5 NMAC], and Release Detection [20.5.6 NMAC] Announces availability of a new Alternative Method Form to be used by tank owners, operators, or representing vendor to apply for a variance for certain regulations under the PST Regulations.	

2.8 Ohio State Regulatory Review

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

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
TX121412-1	Air SIP	12/13/2012	77 FR 74129 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Public Participation for Air Quality Permit Applications [40 CFR Part 52] Proposes to approve revisions to the Texas SIP that would establish public participation requirements for air quality permits. Comments due 02/11/2013.	

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
UT121412-1	Air SIP	12/11/2012	UDAO Website: R307-101-2	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality General Requirements. Definitions [R307-101-2] Amends the previously proposed R307-101-2 rule (UT Bull. Vol. 2012-19: DAR File No. 36723 , 10/01/2012) to add definitions for Primary PM _{2.5} and Secondary PM _{2.5} .	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT121412-2	Air SIP–Aerospace Coatings	12/11/2012	UDAO Website: R307-355	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Control of Emissions from Aerospace Manufacture and Rework Facilities [R307-355] Amends the previously proposed R307-355 rule (UT Bull. Vol. 2012-19: DAR File No. 36737 , 10/01/2012) to do the following: <ul style="list-style-type: none"> Change applicability to sources with potential to emit 10 tpy of VOCs. Add exemptions for certain operations and materials, including specific exemptions related to space vehicle manufacturing and rework. Add new definitions, including a definition for space vehicle. Add new emission standards for certain coating application processes. Establish additional record-keeping requirements. 	NASA-related operations involving aerospace manufacture and rework should be aware of this action.
UT121412-3	Air SIP–Automotive Refinishing Coatings	12/11/2012	UDAO Website: R307-354	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Automotive Refinishing Coatings [R307-354] Amends the previously proposed R307-354 rule (UT Bull. Vol. 2012-19: DAR File No. 36736 , 10/01/2012) to establish additional record-keeping requirements and to clarify the following: <ul style="list-style-type: none"> Applicable source PTE thresholds Rule definitions Solvent usage Proposed changes would affect the following counties: <ul style="list-style-type: none"> Box Elder Cache Davis Salt Lake Draft proposed text is available for review.	NASA-related operations involving automotive refinishing coatings should be aware of this action.
UT121412-4	Air SIP–Fabric and Vinyl Coatings	12/11/2012	UDAO Website: R307-345	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Fabric and Vinyl Coatings [R307-345] Amends the previously proposed R307-345 rule (UT Bull. Vol. 2012-19: DAR File No. 36727 , 10/01/2012) to do the following: <ul style="list-style-type: none"> Establish decreased VOC emission rates. Establish additional record-keeping requirements. Clarify applicable source PTE thresholds and solvent usage. Proposed changes would affect the following counties: <ul style="list-style-type: none"> Box Elder Cache Davis Salt Lake Draft proposed text is available for review.	NASA-related operations involving coatings of fabric and vinyl should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT121412-5	Air SIP–Metal Parts and Products Coatings	12/11/2012	UDAO Website: R307-350	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Miscellaneous Metal Parts and Products Coatings [R307-350] Amends the previously proposed R307-350 rule (UT Bull. Vol. 2012-19: DAR File No. 36732 , 10/01/2012) to do the following: <ul style="list-style-type: none"> ▪ Add exemptions for certain industries. ▪ Establish additional record-keeping requirements. ▪ Clarify the following items: <ul style="list-style-type: none"> ▪ Applicable source PTE thresholds ▪ Rule definitions ▪ Solvent usage Proposed changes would affect the following counties: <ul style="list-style-type: none"> ▪ Box Elder ▪ Cache ▪ Davis ▪ Salt Lake Proposed rule text is available for review.	NASA-related operations involving coating of metal parts or products should be aware of this action.
UT121412-6	Air SIP–NO ₂	12/11/2012	UDAO Website	Notice	Utah Department of Environmental Quality; Division of Air Quality Section 110(a)(2) SIP Infrastructure Elements for NO ₂ Announces availability of the Infrastructure SIP for NO ₂ . Comments due 01/18/2013.	
UT121412-7	Air SIP–Ozone	12/11/2012	UDAO Website	Notice	Utah Department of Environmental Quality; Division of Air Quality Section 110(a)(2) SIP Infrastructure Elements for Ozone Announces availability of the Infrastructure SIP for ozone. Comments due 01/18/2013.	
UT121412-8	Air SIP–Road Maintenance	12/11/2012	UDAO Website: R307-307	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Road Salting and Sanding [R307-307] Amends the previously proposed R307-307 rule (UT Bull. Vol. 2012-19: DAR File No. 36741 , 10/01/2012). Changes are intended to do the following: <ul style="list-style-type: none"> ▪ Clarify the applicable version of 40 CFR 81.345 incorporated by reference. ▪ Establish a minimum chemical constituency for applied salts. ▪ Add certain exemptions for specified roads. 	

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
VA121412-1	Species Virginia Gypsy Moth	12/03/2012	29:7 VA.R. 1301	Final Rule	Virginia Department of Agriculture Board of Agriculture and Consumer Services Rules and Regulations for Enforcement of the Virginia Pest Law–Virginia Gypsy Moth Quarantine [2VAC5-330] Corrects the federal citation for the Virginia Gypsy Moth Quarantine. Effective 11/14/2012.	WFE should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA121412-2	Water Groundwater	12/03/2012	29:7 V.A.R. 1352	Notice	Virginia Department of Environmental Quality State Water Control Board Water Withdrawal Reporting [9VAC25-200] Announces periodic rule review and solicits comments to determine whether the regulations should be terminated, amended, or retained in their current form. Comments due 12/28/2012.	