



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

07 March 2014

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

ARB = Air Resources Board	NASA = National Aeronautics and Space Administration
ARC = Ames Research Center	NCA = National Climate Assessment
ASCE = American Society of Civil Engineers	NDWAC = National Drinking Water Advisory Council
ASHRAE = American Society of Heating, Refrigeration, and Air-Conditioning Engineers	NESHAP = National Emission Standards for Hazardous Air Pollutants
ATCM = Airborne Toxic Control Measure	NIEHS = National Institute of Environmental Health Science
CAS = Chemical Abstract Service	NOCS = Notifications of Compliance Status
CCR = California Code of Regulations	NO _x = Nitrogen oxides
CDX = Central Data Exchange	NPDES = National Pollutant Discharge Elimination System
CEDRI = Compliance and Emissions Data Reporting Interface	NSR = New Source Review
CFC = Chlorofluorocarbon	OEHHA = Office of Environmental Health Hazard Assessment
CFR = <i>Code of Federal Regulations</i>	OSWER = Office of Solid Waste and Emergency Response
CLU-IN = Clean-up Information	PCB = Polychlorinated biphenyl
CO = Carbon monoxide	PERP = Portable Engine Registration Program
CRNR = <i>California Regulatory Notice Register</i>	PHG = Public health goal
CTG = Control techniques guideline	PIC = Prior informed consent
DAR = Division of Administrative Rules	PM = Particulate matter
DARTIC = Developmental and Reproductive Toxicant Identification Committee	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DOE = U.S. Department of Energy	PPE = Personal protective equipment
DWR = Department of Water Resources	PSD = Prevention of Significant Deterioration
ECHA = European Chemicals Agency	REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
EDSP = Endocrine Disruptor Screening Program	RIN = Regulatory Identification Number
EPA = U.S. Environmental Protection Agency	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EU = European Union	RTCR = Revisions to the Total Coliform Rule
EVR = Enhanced vapor recovery	SCAQMD = South Coast Air Quality Management District
F.A.C. = Florida Administrative Code	SSC = Stennis Space Center
FAR = <i>Florida Administrative Register</i>	SIP = State Implementation Plan
FEA = Federal electronic asset	SVHC = Substances of very high concern
FEMP = Federal Energy Management Program	TAC = Texas Administrative Code
FMR = Federal Management Regulation	TexReg = <i>Texas Register</i>
FR = <i>Federal Register</i>	TMDL = Total maximum daily load
FWS = U.S. Fish and Wildlife Service	UDAQ = Utah Division of Air Quality
FY = Fiscal year	U.S. = United States
GHG = Greenhouse gas	VA.R = <i>Virginia Register</i>
hp = Horsepower	VCAPCD = Ventura County Air Pollution Control District
g/bhp-hr = Gram(s) per brake-horsepower hour	VDEQ = Virginia Department of Environmental Quality
LAO = Legislative Analyst's Office	VOC = Volatile organic compound
LSI = Large spark-ignition	WHO = World Health Organization
MAB = Mississippi Administrative Bulletin	
MAC = Mississippi Administrative Code	
MAF = Michoud Assembly Facility	
MMBtu/hr = British thermal units per hour	
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
FED030714-1	Air	02/25/2014	79 FR 10519 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Proposed Consent Decree, Clean Air Act Citizen Suit</p> <p>Solicits comments on a proposed consent decree that would address a lawsuit alleging EPA failed to review and, if necessary, revise the emission factors for VOCs, CO, and NO_x for flares; liquid storage tanks; and wastewater collection, treatment, and storage systems at least once every 3 years. Consent decree would establish a new deadline for EPA to propose action by 08/19/2014 and to take final action by 12/19/2014. Comments due 03/27/2014.</p>	
FED030714-2	Air Emissions Testing	02/27/2014	79 FR 11227 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Revisions to Test Methods and Testing Regulations [40 CFR Parts 51, 60, 61, 63]</p> <p>Finalizes editorial and technical corrections intended to clarify provisions for source testing of emissions and operations, to improve data quality, and to give testers alternative testing options. Effective 02/27/2014. [RIN 2060-AQ01]</p>	
FED030714-3	Air GHGs	02/24/2014	79 FR 10143 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2012</p> <p>Announces availability of the "Draft Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2012." Comments due 03/26/2014.</p> <p>Additional information is available at EPA's National Greenhouse Gas Emissions Data website.</p>	
FED030714-4	Toxic Substances	02/28/2014	79 FR 11429 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Request for Nominations for Peer Reviewers and Notice of Public Comment Period for Draft Health Effects Documents for Perfluorooctanoic Acid and Perfluorooctane Sulfonate</p> <p>Announces availability of the draft documents "Health Effects Document for Perfluorooctanoic Acid" and "Health Effects Document for Perfluorooctane Sulfonate." Comments due 03/21/2014.</p> <p>Further information is posted on EPA's peer review website.</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED030714-5	Waste Recycling- Electronics	03/06/2014	79 FR 12681 HTML PDF	Proposed Rule	General Services Administration Federal Management Regulation; Disposal and Reporting of Federal Electronic Assets (FEA) [41 CFR Part 102-36] Proposes to amend the FMR's policy on the disposal and reporting of FEA. Solicits comments on the following: <ul style="list-style-type: none"> ▪ Feasibility of bulk sale of functional FEA to certified recyclers through public auctions ▪ Restricting disposal of FEA in landfills or through incineration ▪ Electronics recycling standards in use or development ▪ Criteria to which recyclers must conform to be considered "certified recyclers" Comments due 05/05/2014. [RIN 3090-AJ30]	
FED030714-6	Water Drinking Water	03/05/2014	79 FR 12504 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notice of a Public Meeting: The National Drinking Water Advisory Council (NDWAC) Lead and Copper Rule Working Group Meeting Announces a public meeting to discuss the Lead and Copper Rule revision issues associated with Optimal Corrosion Control Treatment. Meeting is scheduled for 03/25/2014 in Arlington, Virginia. Additional information about the Lead and Copper Rule is available on EPA's website.	
FED030714-7	Water Drinking Water	02/26/2014	79 FR 10665 HTML PDF	Final Rule	U.S. Environmental Protection Agency National Primary Drinking Water Regulations: Minor Corrections to the Revisions to the Total Coliform Rule [40 CFR Parts 141 and 142] Direct final rule revises the final ROCR to correct typographical errors in recordkeeping and state primacy requirements. Effective 04/28/2014. Comments due 03/28/2014. This rule does not impose new requirements; the intent is to clarify states' primacy application criteria and recordkeeping requirements.	
FED030714-8	Water NPDES- Construction	03/06/2014	79 FR 12661 HTML PDF	Final Rule	U.S. Environmental Protection Agency Effluent Limitations Guidelines and Standards for the Construction and Development Point Source Category [40 CFR Part 450] Finalizes changes to the effluent limitations guidelines and standards for the Construction and Development point source category. The final rule withdraws the numeric discharge standards and changes several of the non-numeric provisions of the existing rule. Effective 05/05/2014. [RIN 2040-AF44]	NASA Centers and related facilities should be aware of this action.

1.2 Other News and Developments

1.2.1 U.S. Department of Energy Report to Support the National Climate Assessment

The U.S. Department of Energy (DOE) recently [published](#) the "[Climate Change and Infrastructure, Urban Systems, and Vulnerabilities](#)" report, which identifies infrastructure and urban systems that are vulnerable to the potential impacts of climate change. The report provides information regarding the direct and indirect costs associated with disruptions and damage to infrastructure from climate change. The document was released in support of the National Climate Assessment ([NCA](#)), which is a report issued every 4 years to provide information about past observations, the status of the climate, and predicted trends for the future.

1.2.2 Boiler Notification of Compliance Status Electronic Reporting Requirements

EPA recently announced that area sources required to submit Notifications of Compliance Status (NOCS) must submit them electronically through EPA's Compliance and Emissions Data Reporting Interface ([CEDRI](#)). Under the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Area Sources: Industrial, Commercial, and Institutional Boilers, found in the *Code of Federal Regulations* (CFR) at 40 CFR Part 63, [Subpart JJJJJJ](#) (78 FR 7487, 01 February 2013), area sources are required to submit NOCSs for tune-ups and energy assessments by 21 July 2014. Under 40 CFR Part 63 Subpart JJJJJJ, existing oil, biomass, coal, and dual-fired boilers at area sources of hazardous air pollutants with a maximum rated heat input capacity of 10 million British thermal units per hour (MMBtu/hr) must conduct an initial tune-up by and perform a one-time energy assessment by 21 March 2014. Boilers using only natural gas are exempt from this requirement. Additional information and guidance videos are available on the EPA [website](#).

1.2.3 Prior Informed Consent Regulation Revision

The European Union's (EU's) revised Prior Informed Consent ([PIC](#)) regulation governs the import and export of very hazardous substances into and from the EU, and is intended to implement the [Rotterdam Convention](#) within the EU. Effective 01 March 2014, the revised PIC restricts substances listed in its [Annex I](#) and [Annex V](#), including numerous halogenated solvents, heavy metals, brominated flame retardants, and other industrially significant substances, as well as certain pesticides. These restrictions have the potential to limit availability of these materials in the global supply chain.

1.2.4 European Union REACH Regulation Update

As part of its implementation of the EU's regulation on the Registration, Evaluation, Authorization, and Restriction of Chemicals ([REACH](#)), the European Chemicals Agency ([ECHA](#)) is [soliciting](#) comments regarding four substances proposed to be identified as substances of very high concern ([SVHCs](#)). Once added to the SVHC Candidate List for Authorization, substances could be considered for further evaluation for possible addition to REACH Annex XIV, Authorization. Substances included on the [Authorization List](#) 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 reduce the availability of regulated materials. The public comment deadline is 17 April 2014. The proposed substances are listed below:

Substance Name	CAS Number
Sodium peroxometaborate	7632-04-4
Cadmium chloride	10108-64-2
1,2-benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
Sodium perborate; perboric acid, sodium salt	N/A

1.2.5 Endocrine Disruptor Screening Program Comprehensive Management Plan Update

EPA has released an updated Endocrine Disruptor Screening Program (EDSP) "[Comprehensive Management Plan](#)" for fiscal years 2014 through 2019. Through the EDSP, EPA researches chemicals that might have adverse effects on the endocrine systems of humans or wildlife. The updated management plan is intended to provide guidance to EPA personnel and describes the 5-year plan for the EDSP, which focuses on promoting the use of advanced computational and *in vitro* toxicological methods to screen chemicals for adverse effects. Additional information is available on the EDSP [website](#).

1.2.6 EPA Compliance and Emissions Data Reporting Interface Update

EPA recently updated its Compliance and Emissions Data Reporting Interface (CEDRI), available on EPA's Central Data Exchange ([CDX](#)), to allow users to register multiple facilities under one organization, to edit current facility information, and to submit multiple reports in one package. Users may submit performance tests, notifications, and air emissions reports electronically to EPA via CEDRI. Additional information is available on EPA's CEDRI [webpage](#).

1.2.7 Introduction to In Situ Groundwater Remediation

EPA's Office of Solid Waste and Emergency Response (OSWER) recently published a reference document titled "[Introduction to In Situ Bioremediation of Groundwater](#)," which provides historical and current information regarding bioremediation strategies and implementation. In situ bioremediation involves injecting nutrients and other additives into the subsurface environment to stimulate natural bacterial metabolism of groundwater contaminants. Additional information about bioremediation is available on EPA's CLU-IN [website](#).

1.2.8 Joint WHO-NIEHS Collaboration Center

The World Health Organization (WHO) and the National Institute of Environmental Health Sciences (NIEHS) have [launched](#) the NIEHS-WHO [Collaborating Center](#) for Environmental Health Science. As part of the new center, the two organizations jointly will develop training programs and host conferences and workshops focused on the following:

- Children's environmental health
- Climate change and human health
- Developmental origins of health and disease
- Electronic waste
- Indoor air pollution

1.2.9 Energy Efficiency Webinars

The DOE's Federal Energy Management Program (FEMP) has scheduled the following two webinars regarding energy efficiency in buildings:

Course	Date	Course Content
New developments in Federal Building Energy Efficiency Standards	04/03/2014	The course will provide information about federal energy efficiency requirements and the 2013 American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) Standard 90.1 .
Energy Efficiency Expert Evaluations: A Customized Assessment Approach	06/05/2014	The course will focus on a systematic method for conducting energy efficiency evaluations.

1.2.10 International Conference on Sustainable Infrastructure

The American Society of Civil Engineers (ASCE) has scheduled the [2014 International Conference on Sustainable Infrastructure](#) for 06 through 08 November 2014 in Long Beach, California. Sustainable infrastructure is a comprehensive approach that focuses on reducing environmental impacts. The conference will include presentations and workshops about sustainable infrastructure research, planning, and implementation. [Registration](#) opens in May 2014 and is required for attendance.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 19 March 2014, at 10 a.m. Central Time.

2.0 State Regulatory Reviews

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

2.1 Alabama State Regulatory Review

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

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
CA030714-1	Air Cap-and-Trade	02/24/2014	ARB Website	Notice	California Air Resources Board February Cap-and-Trade Auction Results Announces availability of the " Summary Results Report " of California carbon allowances from the 02/19/2014 cap-and-trade auction.	
CA030714-2	Air Diesel Vehicles	03/07/2014	CRNR 2014, 10z, p. 411	Proposed Rule Hearing	California Air Resources Board Notice of Proposed Amendments to the Regulation to Reduce Emissions of Diesel Particulate Matter, Oxides of Nitrogen and Other Criteria Pollutants from In-Use Heavy-Duty Diesel-Fueled Vehicles [13 CCR 2025] Proposes amendments to the Truck and Bus Regulation intended to provide more flexible compliance options for certain types of vehicle owners, including those with small fleets, low-mileage fleets, and fleets operated in certain areas. Public hearing is scheduled for 04/24/2014 in Sacramento, California. Comments due 04/21/2014. The Truck and Bus Regulation applies to diesel vehicles with a gross vehicle weight rating greater than 14,000 pounds. Additional information is available on the ARB website.	
CA030714-3	Occupational Safety PPE	02/28/2014	CRNR 2014, 09z, p. 363	Proposed Rule Hearing	Occupational Safety and Health Standards Board Notice of Proposed Changes: Personal Protective Devices and Safeguards [8 CCR 1514 and 3380] Proposes amendments to the PPE regulations that would do the following: <ul style="list-style-type: none"> ▪ Remove obsolete text and clarify intended use of PPE. ▪ Require PPE to be maintained in a safe and sanitary condition. ▪ Clarify specific areas of the body, such as extremities, that might require PPE. ▪ Require that PPE not encumber employees' movements necessary to perform assigned work. ▪ Make California requirements consistent with federal requirements. Public hearing is scheduled for 04/17/2014 in Sacramento, California. Comments due 04/17/2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA030714-4	Species	02/26/2014	79 FR 10830 HTML PDF	Notice	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Final Recovery Plan for Tidal Marsh Ecosystems of Northern and Central California</p> <p>Announces availability of the "Final Recovery Plan for Tidal Marsh Ecosystems of Northern and Central California," which provides recovery strategies for certain species, including the following:</p> <ul style="list-style-type: none"> California sea-bite California clapper rail Salt marsh harvest mouse <p>The recovery plan identifies the following recovery actions for tidal marsh areas along the San Francisco Bay:</p> <ul style="list-style-type: none"> Acquire and protect tidal marsh habitat. Conduct species surveys, research, and monitoring. Improve outreach activities. <p>Additional information is available on the FWS Tidal Marsh Ecosystem Recovery webpage.</p>	ARC should be aware of this action.
CA030714-5	Toxic Substances Proposition 65	02/28/2014	CRNR 2014, 09z, p. 396	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Intent to List Pentosan Polysulfate Sodium, Pioglitazone, and Triamterene by the Labor Code Mechanism [California Health and Safety Code 25249.8]</p> <p>Announces the intent to list the following substances as known to the state to cause cancer under the Labor Code listing mechanism:</p> <ul style="list-style-type: none"> Pentosan polysulfate sodium Pioglitazone Triamterene <p>Comments due 04/01/2014.</p> <p>Pentosan polysulfate sodium, pioglitazone, and triamterene primarily are used in pharmaceutical applications. Additional information is available on the OEHHA website.</p>	
CA030714-6	Toxic Substances Proposition 65	03/07/2014	CRNR 2014, 10z, p. 434	Notice Meeting	<p>Office of Environmental Health Hazard Assessment</p> <p>Tentative Agenda for the March 19, 2014 Meeting of the Developmental and Reproductive Toxicant Identification Committee</p> <p>Announces availability of the tentative agenda for the upcoming DARTIC meeting, as follows:</p> <ul style="list-style-type: none"> Reconsideration of listing of chemicals under the Labor Code mechanism as known to the state to cause reproductive toxicity: <ul style="list-style-type: none"> N-Butyl glycidyl ether Diglycidyl ether Phenyl glycidyl ether Methyl n-butyl ketone Methyl isopropyl ketone α-Methyl styrene Discussion about processing data from epidemiological and animal studies in hazard identification documents Update of the Section 27000 list of chemicals that have not been tested adequately <p>Public meeting is scheduled for 03/19/2014 in Sacramento, California, and will be available as a webcast.</p> <p>Additional information is available on the OEHHA website.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA030714-7	Toxic Substances Proposition 65	03/07/2014	CRNR 2014, 10z. p. 430	Notice Workshop	Office of Environmental Health Hazard Assessment Notice of April 14, 2014 Public Workshop on Potential Amendments to Article 6–Clear and Reasonable Warnings [27 CCR 25601] Announces a workshop to solicit input about a possible regulatory amendment to existing Proposition 65 regulations governing warnings. Public workshop is scheduled for 04/14/2014 in Sacramento, California, and will be available as a webcast . Comments due 05/14/2014. Further information about the possible rulemaking, including a fact sheet, is available on OEHHA's website.	
CA030714-8	Toxic Substances Proposition 65– Methyl Chloride	03/07/2014	CRNR 2014, 10z. p. 432	Final Rule	Office of Environmental Health Hazard Assessment Notice of Change to Basis for Identification of Male Reproductive Toxicity Endpoint for Methyl Chloride [27 CCR 25306] Finalizes changes to the basis for identifying male reproductive toxicity as an endpoint of reproductive toxicity for methyl chloride to the "authoritative bodies" listing mechanism. Effective 03/07/2014. The identification of methyl chloride as a chemical known to the state to cause reproductive toxicity (developmental endpoint) remains unchanged. Additional information is available on the OEHHA website.	
CA030714-9	Toxic Substances Proposition 65– Toluene	03/07/2014	CRNR 2014, 10z. p. 431	Final Rule	Office of Environmental Health Hazard Assessment Notice of Change in the Identification of Reproductive Toxicity Endpoints in the Listing of Toluene [California Health and Safety Code 25249.5] Finalizes removal of female reproductive toxicity as an endpoint of reproductive toxicity for toluene. Effective 03/07/2014. The identification of toluene as a chemical known to the state to cause reproductive toxicity (developmental endpoint) will remain unchanged. Additional information is available on the OEHHA website.	
CA030714-10	Water Drinking Water	03/07/2014	CRNR 2014, 10z. p. 429	Notice	Office of Environmental Health Hazard Assessment Proposed Public Health Goals (PHG) for 5 Chemicals in Drinking Water Announces availability of a second draft technical support document for proposed updates to the PHGs for the following compounds in drinking water: <ul style="list-style-type: none"> ▪ Chlorobenzene ▪ Endothall ▪ Hexachlorocyclopentadiene ▪ Silvex ▪ Trichlorofluoromethane (CFC 11) Comments due 04/07/2014. PHGs establish a level of drinking water contaminants at which adverse health effects are not expected to occur from a lifetime of exposure and are considered in setting drinking water standards. Additional information is available on the OEHHA website.	

2.2.1 Regulatory Advisory on Enhanced Vapor Recovery

The California Air Resources Board (ARB) [announced](#) the availability of a [regulatory advisory](#) intended to remind facilities subject to the statewide enhanced vapor recovery (EVR) standards [17 CCR 94016] that Phase I equipment must be installed on gasoline aboveground storage tanks by 01 July 2014. In addition, the advisory includes a nine-step process that can be used to evaluate the applicability of certain EVR standards to facilities. Additional information is available on the ARB Vapor Recovery Program [website](#).

2.2.2 NASA Responds to the California Drought

In response to the drought state of emergency declared for California in January 2014, NASA recently [partnered](#) with the California Department of Water Resources (DWR) to monitor and manage California's water resources. NASA and DWR will use remote sensing technology and forecast modeling to analyze California's water resources, monitor water supplies, develop drought response and mitigation strategies, and observe impacts associated with the drought. Specifically, NASA will use its Airborne Snow Observatory to measure snowpack and satellite imagery to observe certain farmlands affected by the drought.

2.2.3 GHG Cap and Trade Expenditure Plan

The Legislative Analyst's Office (LAO) has released a [report](#), titled "[Governor's Budget Summary 2014-15](#)." This report includes the "[The 2014-2015 Budget: Cap-and-Trade Auction Revenue Expenditure Plan](#)," which summarizes the expenditure of revenues generated from the Greenhouse Gas (GHG) Cap-and-Trade Auctions. According to this expenditure plan, the Administration proposes to use auction revenues to fund projects that would address sustainable communities and clean transportation; energy efficiency and clean energy; and natural resources and waste diversion. Further information about the Cap-and-Trade Program is available on California's Air ARB [website](#).

2.2.4 California Diesel and Large Spark-Ignition Vehicle Regulation Training

The ARB recently added additional training dates for courses focusing on California's diesel and large spark-ignition (LSI) vehicle regulations. The purpose of these courses is to provide diesel and LSI vehicle owners, operators, fleet managers, and maintenance personnel with information about the requirements and technologies available to assist with regulatory compliance. Following are the schedule and locations of the courses:

Course	Training Date	Location
#504: In-Use Off-Road Diesel Vehicle Regulation Tracking	03/28/2014	Sacramento, California
#511: Controlling Diesel Emissions: Devices & Filters	03/20/2014	Diamond Bar, California
#521: How to Comply with the Truck and Bus Regulation	03/19/2014	Webinar
	03/19/2014	Diamond Bar, California
	03/20/2014	Fountain Valley, California

2.2.5 California Air Districts Regulatory Review

2.2.5.1 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](#).

2.2.5.2 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](#).

2.2.5.3 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](#).

2.2.5.4 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](#).

2.2.5.5 South Coast Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS030714-1	Air	03/04/2014	SCAQMD Website	Notice	<p>South Coast Air Quality Management District Goals and Priority Objectives Status Report for FY 2013-14</p> <p>Announces availability of the SCAQMD "FY 2013-14 Status Report on the Goals and Objectives," which provides a status update of the SCAQMD's efforts in achieving goals related to the following areas:</p> <ul style="list-style-type: none"> ▪ Meeting clean air standards and protecting public health. ▪ Providing public education. ▪ Operating efficiently. <p>Goals and objectives for FY 2014-15 will be discussed at a public hearing scheduled for 04/04/2014 in Diamond Bar, California. Comments on the FY 2013-14 Status Report are due 04/04/2014.</p>	
CAS030714-2	Air Coatings	02/26/2014	SCAQMD Website	Proposed Rule	<p>South Coast Air Quality Management District Graphic Arts [Rule 1130]</p> <p>Proposes amendments to Rule 1130, which would incorporate federal CTG provisions for printing operations. Further information is available in the Draft Staff Report. Public hearing is scheduled for 04/04/2014 in Diamond Bar, California. Comments due 03/25/2014.</p>	

2.2.5.6 Ventura County Air Pollution Control District

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

Portable Diesel Engine Fleet Emission Requirements

On 24 February 2014, the Ventura County Air Pollution Control District (VCAPCD) issued a [compliance assistance advisory](#) regarding potential compliance enforcement actions. The advisory specifically addresses violations of the California Air Resources Board's (ARB's) Airborne Toxic Control Measure ([ATCM](#)) for Diesel Particulate Matter from Portable Engines. Per the ATCM, companies were required to submit a report to the ARB by 01 March 2013 to include documentation summarizing compliance of the company's portable diesel engine fleet with the

applicable fleet particulate matter (PM) emission standard and an explicit statement of compliance with the requirements.

According to ARB records, a large number of companies either have not submitted the required report or have not demonstrated compliance with the PM emission standards listed in the following table:

Compliance Date	Engines < 175 hp (g/bhp-hr)	Engines 175 to 750 hp (g/bhp-hr)	Engines > 750 hp (g/bhp-hr)
01/01/2013	0.3	0.15	0.25
01/01/2017	0.18	0.08	0.08
01/01/2020	0.04	0.02	0.02

As a result of facilities failing to meet requirements, the ARB has instructed each air district to begin enforcement of the ATCM. Per this advisory, the VCAPCD plans to issue Notices of Violations as a means of enforcement.

Note that the ATCM applies to all portable diesel engine fleets, including fleets of only one engine, whether the engines are registered within the ARB's Portable Engine Registration Program (PERP) or operating under an air district permit. Additional information is available on the ARB's PERP [website](#).

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
FL030714-1	Water	03/07/2013	FAR Notice #14292094	Proposed Rule	Department of Environmental Protection Scope [Chapter 62-42.100, F.A.C.]; Definitions [Chapter 62-42.200, F.A.C.] Proposes the following actions: <ul style="list-style-type: none"> Identify the purposes of the rule chapter and recognize that recovery and prevention strategies might contain non-regulatory provisions to be included in the district water supply plan. Adopt technical definitions, including "Flow Duration Curve" and "Flow Duration Frequency." Draft rule text is available in the FAR notice for review. Comments due 03/28/2014.	

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
LA030714-1	Species Pallid Sturgeon	03/04/2014	79 FR 12213 HTML PDF	Notice	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Final Revised Recovery Plan for the Pallid Sturgeon Announces availability of the final " Revised Recovery Plan " for the pallid sturgeon, intended to promote conservation of the species. The pallid sturgeon habitats are located in the Mississippi River basin.	MAF should be aware of this action.

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

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

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
MS030714-1	Water 303(d) List	02/28/2014	MAB #20370	Proposed Rule	Mississippi Department of Environmental Quality Mississippi 2014 Section 303(d) List of Impaired Water Bodies [11 MAC Part 6, Chapter 9] Proposes replacement of the Mississippi 2012 Section 303(d) List with the Mississippi 2014 Clean Water Act Section 303(d) List of Impaired Water Bodies, which lists current impaired state waters for which TMDLs will be developed. Public hearing is scheduled for 04/10/2014 in Jackson, Mississippi. Turtle Skin Creek, located near SSC, is included in the 303(d) list.	SSC should be aware of this action.

2.7 New Mexico State Regulatory Review

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

2.8 Ohio State Regulatory Review

No regulatory items of interest were identified during this reporting period for [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	Citation	Type Action	Description	Suggested Actions
TX030714-1	Air Flexible Permits	02/28/2014	39 TexReg 1339	Proposed Rules	Texas Commission on Environmental Quality Control of Air Pollution by Permits for New Construction or Modification [30 TAC 116] Proposes amendments to rules for flexible permits to ensure they can be approved as part of the Texas SIP. Specifically, these revisions include streamlining and clarifying text, making editorial corrections and updates, and restoring certain rule text removed in 2010. Public hearing is scheduled for 03/18/2014 in Austin, Texas. Comments due 03/24/2014.	
TX030714-2	Water Surface Water Quality Standards	02/28/2014	39 TexReg 1450	Final Rule	Texas Commission on Environmental Quality Texas Surface Water Quality Standards [30 TAC 307] Adopts the following amendments to the Texas Surface Water Quality Standards: <ul style="list-style-type: none"> ▪ Incorporates new data about toxicity effects into toxicity criteria. ▪ Revises standards to clarify assessment of water quality standards using in-stream monitoring data. ▪ Revises listed uses and criteria of individual water bodies to incorporate new data and the results of recent use attainability analyses. Effective 03/06/2014.	

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
UT030714-1	Administration Storage Tanks	02/01/2014	UT Bull. Vol. 2014-3; DAR File No. 38223	Notice	Utah Tax Commission; Auditing Environmental Assurance Fee [R865-7H] Announces continuation of the rule as a result of UDEQ's 5-year review process. UDEQ determined that the rule was necessary because it provides environmental assurance requirements and fee exemptions for owners and operators of tanks. Effective 01/06/2014.	
UT030714-2	Air SIP	02/06/2014	79 FR 7067 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Utah; Revisions to Utah Rule R307-107; General Requirements; Breakdowns [40 CFR Part 52] Finalizes approval of 08/16/2012 SIP revisions addressing excess emissions during source malfunctions. Effective 03/10/2014.	
UT030714-3	Air SIP	02/28/2014	79 FR 11325 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Utah; Revisions to Utah Administrative Code and an Associated Plan Revision [40 CFR Part 52] Finalizes approval to renumber SIP "Section IX, Control Measures for Area and Point Sources, Part G, Fluoride" and disapproval of "Section XXI, Diesel Inspection and Maintenance Program." Effective 03/31/2014.	
UT030714-4	Air SIP-GHGs	02/06/2014	79 FR 7070 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of State Implementation Plans; Utah: Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule [40 CFR Part 52] Finalizes partial approval and partial disapproval of 04/14/2011 SIP revisions specific to GHGs under Utah's PSD program. Finalizes several rules specific to GHG-emitting sources and small source exemptions. Effective 03/10/2014.	
UT030714-5	Air SIP-NSR	02/06/2014	79 FR 7072 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Utah; Revisions to Utah Administrative Code-Permit: New and Modified Sources [40 CFR Part 52] Finalizes partial approval and partial disapproval of 09/15/2006 SIP revisions specific to Utah's air quality permit program. Finalizes several rules specific to minor source NSR. Effective 03/10/2014.	
UT030714-6	Air SIP-Solvent Cleaning	03/06/2014	UDAQ Website; R307-335	Proposed Rule Change	Utah Department of Environmental Quality; Division of Air Quality Degreasing and Solvent Cleaning Operations [R307-335] Changes proposed rule to establish industry-specific solvent cleaning VOC-content limits instead of a single limit applied to all industries. Revised text is available for review. This rule does not apply to aerospace operations.	NASA-related operations should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT030714-7	Air SIP-VOCs	03/06/2014	UDAQ Website R307-357-4	Proposed Rule Change	Utah Department of Environmental Quality; Division of Air Quality Consumer Products. Standards [R307-357-4] Changes proposed VOC-content limit from 80 to 10 percent for general purpose adhesives. Revised proposed text is available for review. Comments due 05/01/2014. This proposed rule amendment is intended to limit the availability of certain types of commercially available, off-the-shelf products.	NASA-related operations 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
VA030714-1	Administrative Guidance Documents	03/10/2014	30:14 V.A.R. 1884-1896	Notice	Virginia Department of Environmental Quality Guidance Documents Announces availability of a list of various guidance documents provided by VDEQ, including guidance documents under the following programs: <ul style="list-style-type: none"> ▪ Air Pollution Control Board ▪ State Water Control Board ▪ Waste Management Board 	
VA030714-2	Air SIP	02/25/2014	79 FR 10377 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Virginia; Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NSR); Fine Particulate Matter (PM _{2.5}) [40 CFR Part 52] Finalizes revisions to Virginia's SIP, which include updates to Virginia's PSD and NSR programs. Effective 03/27/2014.	
VA030714-3	Water TMDLs-PCBs	03/07/2014	VDEQ Website	Notice Meeting	Virginia Department of Environmental Quality PCB TMDL Study in the Middle-Lower James River, Elizabeth River, and Tributaries Announces public meetings to provide an update regarding the water quality restoration study of the Middle-Lower James River, Elizabeth River, and associated tributaries, which are impaired because of PCBs. VDEQ also will recommend TMDLs for the impaired waters. Meetings are scheduled for 03/14/2014 in Norge, Virginia; and 03/25/2014 in Virginia Beach, Virginia. Additional information is available on VDEQ's PCB TMDL Resources website.	

2.11.1 Chesapeake Bay Program Agreement

The Chesapeake Bay Program [solicits](#) comments, due 17 March 2014, on the Draft Chesapeake Bay Watershed [Agreement](#). The purpose of the agreement is to set broad goals and specific outcomes for water quality, fisheries, habitat, and land conservation. Additional information is available on the Chesapeake Bay Program [webpage](#).