



National Aeronautics and  
Space Administration

**Principal Center for Regulatory Risk Analysis and Communication**

# Regulatory Tracking Summary

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*03 October 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 "79 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](mailto:sharon.scroggins@nasa.gov)).

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## Acronyms and Abbreviations

AB = Assembly Bill	LEEDv4 = Leadership in Energy and Environmental Design Version 4
AFRC = Armstrong Flight Research Center	LNAPL = Light non-aqueous phase liquid
ANSI = American National Standards Institute	MBT = Mercaptobenzothiazole
ARB = Air Resources Board	NAAQS = National Ambient Air Quality Standards
ARISE = Arctic Radiation-IceBridge Sea and Ice Experiment	NASA = National Aeronautics and Space Administration
ASHRAE = American Society of Heating, Refrigerating, and Air-Conditioning Engineers	NO <sub>2</sub> = Nitrogen dioxide
CAS = Chemical Abstracts Service	NO <sub>x</sub> = Nitrogen oxides
CCR = California Code of Regulations	nPB = N-propyl bromide (1-bromopropane)
CFR = <i>Code of Federal Regulations</i>	NSIDC = National Snow and Ice Data Center
CO <sub>2</sub> e = Carbon dioxide equivalent	PM <sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
CRNR = <i>California Regulatory Notice Register</i>	Q&A = Question and answer
CRT = Cathode ray tube	REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CVP = Central Valley Project	RIN = Regulatory Identification Number
DAR = Division of Administrative Rules	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
DOE = U.S. Department of Energy	EFA = Spreadsheets for Environmental Footprint Analysis
DOT = U.S. Department of Transportation	SIP = State Implementation Plan
DPV = Downstream protection value	SJRWMD = St. John's River Water Management District
DRECP = Desert Renewable Energy Conservation Plan	SNUR = Significant New Use Rule
ECHA = European Chemicals Agency	SSAC = Site-specific alternative criteria
EIR = Environmental Impact Report	SSC = Stennis Space Center
EIS = Environmental Impact Statement	TAC = Texas Administrative Code
EPA = U.S. Environmental Protection Agency	TexReg = <i>Texas Register</i>
EPCRA = Emergency Planning and Community Right-to- Know Act	TMDL = Total maximum daily load
EU = European Union	TPDES = Texas Pollutant Discharge Elimination System
F.A.C. = Florida Administrative Code	U.S. = United States
FAR = <i>Florida Administrative Register</i>	UDAQ = Utah Division of Air Quality
FEMP = Federal Energy Management Program	UDWQ = Utah Division of Water Quality
FR = <i>Federal Register</i>	UT = Utah
FY = Fiscal year	VAC = Virginia Administrative Code
GDF = Gasoline dispensing facility	VA.R. = <i>Virginia Register</i>
GHG = Greenhouse gas	VDEQ = Virginia Department of Environmental Quality
GHGRP = Greenhouse Gas Reporting Program	VMT = Vehicle miles traveled
GSA = General Services Administration	VOC = Volatile organic compound
HFO = Hydrofluoroolefin	VPDES = Virginia Pollutant Discharge Elimination System
HHS = Health and Human Services	WFF = Wallops Flight Facility
ID = Idaho	WQS = Water Quality Standards
IES = Illuminating Engineering Society	
IESNA = Illuminating Engineering Society of North America	
ITRC = Interstate Technology and Regulatory Council	
JPL = Jet Propulsion Laboratory	
KSC = Kennedy Space Center	
LaRC = Langley Research Center	

# 1.0 U.S. Federal Regulatory Review

## 1.1 Federal Register Summary

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

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED100314-1	Energy Building Standards	09/26/2014	<a href="#">79 FR 57900 HTML</a>   <a href="#">PDF</a>	Notice	<p>U.S. Department of Energy</p> <p>Determination Regarding Energy Efficiency Improvements in ANSI/ASHRAE/IES Standard 90.1-2013: Energy Standard for Buildings, Except Low-Rise Residential Buildings</p> <p>Announces the final determination for the following:</p> <ul style="list-style-type: none"> <li>2013 edition of the ANSI/ASHRAE/IESNA Standard 90.1 Energy Standard for Buildings, Except Low-Rise Residential Buildings, which would achieve greater energy efficiency in buildings subject to the code compared to the 2010 edition.</li> <li>Quantitative analysis of the energy consumption of buildings built to Standard 90.1-2013, compared with buildings built to Standard 90.1-2010, which indicates national source energy savings of approximately 8.5 percent and site energy savings of approximately 7.6 percent of commercial building energy consumption.</li> </ul> <p>States are required to certify that they have reviewed their commercial building codes regarding energy efficiency, and as necessary, updated their codes to meet or exceed Standard 90.1-2013. State certification statements must be submitted by 09/28/2015. [RIN 1904-AD27].</p>	
FED100314-2	Hazardous Materials EPCRA	09/30/2014	<a href="#">79 FR 58686 HTML</a>   <a href="#">PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Addition of Nonylphenol Category; Community Right-To-Know Toxic Chemical Release Reporting [40 CFR Part 372]</p> <p>Finalizes the addition of a nonylphenol category to the list of toxic chemicals subject to EPCRA Section 313 reporting requirements. Effective 09/30/2014. [RIN 2025-AA34]</p> <p><b>This rule applies for the reporting year beginning 01/01/2015 (reports due 07/01/2016).</b></p>	<a href="#">NASA Centers and related facilities</a> should be aware of this action.
FED100314-3	Occupational Safety	09/24/2014	<a href="#">79 FR 56955 HTML</a>   <a href="#">PDF</a>	Notice Correction	<p>Occupational Safety and Health Administration</p> <p>Electric Power Generation, Transmission, and Distribution; Electrical Protective Equipment; Corrections [29 CFR Parts 1910 and 1926]</p> <p>Corrects errors in the preamble and regulatory text of the final rule (<a href="#">79 FR 20315</a>, 04/11/2014), including the following areas:</p> <ul style="list-style-type: none"> <li>Training requirements for unqualified employees</li> <li>Flow chart in Appendix A-2 of §1910.269</li> <li>Table 1 to Appendix A-2</li> <li>Requirements for portable ladders</li> </ul> <p>Effective 09/24/2014. [RIN 1218-AB67]</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions						
FED100314-4	Occupational Safety Cranes and Derricks	09/26/2014	<a href="#">79 FR 57785 HTML</a>   <a href="#">PDF</a>	Final Rule	Occupational Safety and Health Administration [29 CFR Part 1926] Cranes and Derricks in Construction: Operator Certification Finalizes a deadline of 11/10/2017 for employers to verify that crane operators are both certified and competent to safely operate a crane. Effective 11/09/2014. [RIN 1218-AC86]							
FED100314-5	Policy Climate Change	09/26/2014	<a href="#">79 FR 58229 HTML</a>   <a href="#">PDF</a>	Executive Order	Executive Office of the President Executive Order 13677-Climate-Resilient International Development Requires agencies to integrate climate-resilience considerations into all U.S. international development work by the following: <ul style="list-style-type: none"> <li>Collaborating with other agencies to share data, tools, and information about climate resilience.</li> <li>Working with other counties to incorporate climate-resilience considerations into their international development assistance efforts.</li> <li>Creating a Climate-Resilient International Development Working Group intended to aid agencies with direct international development programs and investments.</li> <li>Establishing implementation and reporting timelines to track the progress of planned milestones.</li> <li>Seeking opportunities to help international partners promote sustainable low emissions development.</li> </ul>							
FED100314-6	Species	09/23/2014	<a href="#">79 FR 56821 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; 5-Year Status Reviews of 27 Southeastern Species Announces 5-Year Status Reviews for the following species: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Species</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td>Atlantic Salt Marsh Snake</td> <td>Brevard County, Florida</td> </tr> <tr> <td>Alabama Heelsplitter</td> <td>Hancock County, Mississippi</td> </tr> </tbody> </table> Comments due 11/24/2014.	Species	Location	Atlantic Salt Marsh Snake	Brevard County, Florida	Alabama Heelsplitter	Hancock County, Mississippi	<a href="#">KSC and SSC</a> should be aware of this action.
Species	Location											
Atlantic Salt Marsh Snake	Brevard County, Florida											
Alabama Heelsplitter	Hancock County, Mississippi											
FED100314-7	Species Yellow-Billed Cuckoo	10/03/2014	<a href="#">79 FR 59991 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Determination of Threatened Status for the Western Distinct Population Segment of the Yellow-billed Cuckoo ( <i>Coccyzus americanus</i> ) [50 CFR Part 17] Finalizes threatened status for the western distinct population segment of the yellow-billed cuckoo. Effective 11/03/2014. [RIN 1018-AY53]	<a href="#">NASA Centers and related facilities in New Mexico, Texas, and Utah</a> should be aware of this action.						

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED100314-8	Toxic Substances	09/29/2014	<a href="#">79 FR 58352 HTML</a>   <a href="#">PDF</a>	Notice	Centers for Disease Control and Prevention Issuance of Final Publications  Announces availability of the following Skin Notation Profiles: <ul style="list-style-type: none"> <li>▪ <a href="#">Allyl glycidyl ether</a></li> <li>▪ <a href="#">2-Diethylaminoethanol</a></li> <li>▪ <a href="#">2-Ethoxyethyl acetate</a></li> <li>▪ <a href="#">Ethyl acrylate</a></li> <li>▪ <a href="#">Isophorone diisocyanate</a></li> <li>▪ <a href="#">2-MBT; Sodium 2-MBT; Zinc 2-MBT</a></li> <li>▪ <a href="#">Methyl isocyanate</a></li> <li>▪ <a href="#">Nitrobenzene</a></li> <li>▪ <a href="#">Phenylhydrazine</a></li> <li>▪ <a href="#">Propargyl alcohol</a></li> </ul> <b>Skin Notation Profiles summarize the hazard potential of substances and are intended to support the development of risk management procedures.</b>	
FED100314-9	Toxic Substances Lead	09/29/2014	<a href="#">79 FR 58339 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency  Announcement of Meeting Dates and Opportunity for Public Comments on Proposed List of Potential Peer Reviewers for an Approach for Estimating Exposures and Incremental Health Effects From Lead Due to Renovation, Repair, and Painting Activities in Public and Commercial Buildings  Announces a public peer review panel conference call and webinar to discuss the procedures for peer review of the document, " <a href="#">Approach for Estimating Exposures and Incremental Health Effects from Lead due to Renovation, Repair, and Painting Activities in Public and Commercial Buildings</a> ." Conference call and webinar will be scheduled for November 2014. The public peer review meeting is scheduled to begin 01/13/2015 in Arlington, Virginia. Comments due 10/20/2014.  <b>Additional information about the conference call and webinar and the public meeting are available on the peer review website.</b>	
FED100314-10	Toxic Substances SNURs	10/01/2014	<a href="#">79 FR 59186 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency  Certain Nonylphenols and Nonylphenol Ethoxylates; Significant New Use Rule [40 CFR Parts 721]  Proposes SNURs for numerous substances known as nonylphenols and nonylphenol ethoxylates. Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for an activity designated as a significant new use by this rule. Comments due 12/01/2014. [RIN 2070-AJ96]	

## 1.2 Other News and Developments

### 1.2.1 Extreme Weather and Climate Event Report

The National Oceanic and Atmospheric Administration [announced](#) the availability of a report, titled "[Explaining Extreme Events of 2013 from a Climate Perspective](#)," as part of an effort to investigate the link between climate change and extreme weather across the globe. The report investigates and discusses 16 extreme events, including droughts, heat waves, hurricanes, heavy rains, extreme cold, and snowstorms, that occurred in 2013. The report linked human-based climate change with extreme heat events; however, it could not link human influence as directly to heavy rainfall, droughts, and storms.

## 1.2.2 European Chemical Agency Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals ([REACH](#)), the European Chemicals Agency ([ECHA](#)) recently added 1,4-dichlorobenzene, a precursor in synthetic chemical manufacturing, to REACH Annex XVII, the [List of Restrictions](#). Substances on the List of Restrictions have the potential to be limited or banned from manufacture, use, or placement on the market in the EU, usually related to specific applications. Although requirements associated with REACH 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. The restriction of 1,4-dichlorobenzene becomes effective 01 June 2015.

## 1.2.3 13th Report on Carcinogens

On 02 October 2014, the U.S. Department of Health and Human Services (HHS) [announced](#) availability of the [13th Report on Carcinogens](#), which is a science-based, public health document that identifies substances and exposure circumstances that are known or reasonably anticipated to cause cancer in humans. The 13th report includes 243 substances, including four new substances listed in the following table:

Substance Name	CAS Number	Common Uses of Substance	Designation
1-bromopropane (n-propyl bromide, nPB)	106-94-5	Solvents, adhesives	Reasonably anticipated to be a human carcinogen
Ortho-toluidine	95-53-4	Chemical synthesis	Known to be a human carcinogen
Pentachlorophenol and by-products of its synthesis	87-86-5	Pesticides, disinfectants, preservatives	Reasonably anticipated to be a human carcinogen
Cumene	98-82-8	Chemical synthesis, fuel products	Reasonably anticipated to be a human carcinogen

Additional information, including [Q&A](#) and a [fact sheet](#), are available on the HHS website.

## 1.2.4 Greenhouse Gas Emissions Data

On 30 September 2014, EPA released the [2013 Greenhouse Gas Reporting Program \(GHGRP\) data](#), which include emissions from facilities that emit 25,000 metric tons of carbon dioxide equivalent (CO<sub>2</sub>e) per year, inject carbon dioxide into the ground, and/or supply certain fossil fuels and industrial gasses. In 2013, 3.18 billion metric tons of CO<sub>2</sub>e emissions, a 0.62-percent increase from 2012, were reported by the following:

- 7,879 facilities in 9 industry sectors with direct emissions
- 965 suppliers
- 92 carbon dioxide underground injection facilities

Additional information regarding the GHGRP, 2013 data, and historical data are available on the GHGRP [website](#).

## 1.2.5 LEED v4 Review

The U.S. General Services Administration (GSA) recently released a [review](#) of the U.S. Green Building Council's Leadership in Energy and Environmental Design Version 4 ([LEED v4](#)) certification system, which was released in November 2013. LEED is a green building certification program that recognizes best management practices and strategies. GSA is required to review LEED at least once every five years, and may review new versions as they are released, to determine whether the certification system is comprehensive, environmentally sound, and aligns

with current federal green building requirements. Additional information is available on the [GSA website](#).

### 1.2.6 Federal Agency Energy Data and Sustainable Performance

The U.S. Department of Energy's (DOE's) Federal Energy Management Program (FEMP) recently released the federal government's fiscal year (FY) 2013 [energy and water use data and sustainability performance](#). The data, organized by federal agency, was obtained from each agency's 2013 Annual Greenhouse Gas (GHG) and Sustainability Data Report. The goal of the report is to provide information about each agency's progress in meeting energy and other sustainability goals. Additional information is available on the DOE [website](#).

### 1.2.7 Superfund Groundwater Guidance

EPA has scheduled a [webinar](#) on 04 November 2014 to provide information about the following groundwater remediation guidance materials:

- "[Guidance for Evaluating Completion of Groundwater Restoration Remedial Actions](#)" (November 2013)
- "[Groundwater Remedy Completion Strategy](#)" (May 2014)
- "[Recommended Approach for Evaluating Completion of Groundwater Restoration Remedial Actions at a Groundwater Monitoring Well](#)" (August 2014)
- [Groundwater Statistics Tool](#) (August 2014)

Each of the documents and tools was released to help focus resources on the information and decisions needed to effectively complete groundwater remedies. The webinar will provide an overview of each guidance document or tool and explain how each may be used during groundwater remediation activities.

### 1.2.8 Environmental Footprint Estimator

EPA has scheduled a [webinar](#) for 28 October 2014 on estimating the environmental footprints of remediation projects using Spreadsheets for Environmental Footprint Analysis (SEFA). EPA developed SEFA as part of the "[Methodology for Understanding and Reducing a Project's Environmental Footprint](#)," which established green remediation metrics associated with contaminated site cleanup. EPA updated the SEFA workbooks in August 2014. The webinar will provide an overview of SEFA and information about how the workbooks are used, and will highlight updated features. Additional information, including a [fact sheet](#) with an overview of the Methodology, is available on the SEFA [website](#).

### 1.2.9 Arctic Sea Ice

NASA recently [announced](#) that the 2014 Arctic sea ice minimum, reached on 17 September 2014, is the sixth lowest recorded since 1978. This year's minimum extent, 1.94 million square miles, is similar to last year's, but below the 1981 to 2010 average of 2.40 million square miles. Sea ice measurements and observations are collected by aircraft- and satellite-based missions, such as NASA's ARISE, and are compiled by the National Snow and Ice Data Center ([NSIDC](#)).

### 1.2.10 National Adaptation Forum

The [National Adaptation Forum](#) is scheduled for 12 through 14 May 2015 in St. Louis, Missouri. At each biennial forum, professionals from the public and private sectors share information about climate change, its potential impacts, and adaptation strategies. An informational [webinar](#) is scheduled for 20 November 2014. [Registration](#) is required for attendance.

### **1.2.11 National Conference and Global Forum on Science, Policy and the Environment**

The National Council for Science and the Environment has scheduled the [15th National Conference and Global Forum on Science, Policy and the Environment](#) for 27 through 29 January 2015 in Washington, D.C. The themes of the 2015 conference are "Energy and Climate Change," and the primary focus is on exploring policy and practice initiatives to work toward a low-carbon and climate-resilient energy system. [Registration](#) is required for attendance.

### **1.3 NASA Regulatory Communication Working Group Updates**

The next Regulatory Communication Working Group call will be held on Wednesday, 15 October 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
CA100314-1	Air Aerosol Coatings, Consumer Products	09/26/2014	<a href="#">CRNR 2014, 39z, p. 1675</a>	Final Rule	<p>California Air Resources Board Consumer Products Regulation 2013 [17 CCR 94501, 94506, 94508, 94509, 94512-94513, 94515, 94520-94526, 94528, 94560-94575, and 94700]</p> <p>Adopts changes to the Consumer Products regulation to:</p> <ul style="list-style-type: none"> <li>▪ Modify or add several definitions related to certain materials such as lubricants, solvents, and thinners.</li> <li>▪ Clarify, modify, or add VOC limits for some types of adhesives and solvents.</li> <li>▪ Prohibit the use of methylene chloride, perchloroethylene, trichloroethylene, and compounds with a global warming potential of 150 or greater in aerosol multipurpose solvents, aerosol paint thinners, and screen printing adhesives.</li> <li>▪ Prohibit the use of compounds with a global warming potential of 150 or greater in mist spray adhesives and web spray adhesives.</li> <li>▪ Exempt HFO-1234ze from the definition of VOC.</li> <li>▪ Modify certain labeling requirements.</li> </ul> <p>Adopts changes to the Aerosol Coatings rule to:</p> <ul style="list-style-type: none"> <li>▪ Modify or add several definitions.</li> <li>▪ Define three new product categories.</li> <li>▪ Add or modify reactivity limits for 16 aerosol coating categories.</li> <li>▪ Cap the reactivity limits for 23 specialty coating categories.</li> </ul> <p>Effective 01/01/2015.</p> <p><a href="#">Additional information is available on the ARB's Consumer Products Program website.</a></p>	<p><a href="#">NASA Programs with operations in California</a> should be aware of this action.</p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA100314-2	Air Cap-and-Trade	10/02/2014	<a href="#">ARB Website</a>	Proposed Rule	<p>California Air Resources Board</p> <p>Notice of Public Availability of Modified Text and Availability of Additional Documents for Proposed Amendments to the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms [17 CCR 95802, 95830, 95833, 95852, 95852.2, 95890, 95892, 95895, 95920-95921, 95972, 95975-95976, 95983, 95985, and 95990]</p> <p><a href="#">Announces</a> availability of <a href="#">modified text</a> of proposed amendments to the Cap-and-Trade regulation. Modifications include the following:</p> <ul style="list-style-type: none"> <li>▪ Clarifications of terms and definitions</li> <li>▪ Modifications to three compliance offset protocols:                             <ul style="list-style-type: none"> <li>▪ Ozone Depleting Substances Compliance Offset Protocol</li> <li>▪ Livestock Projects Compliance Offset Protocol</li> <li>▪ U.S. Forest Projects Compliance Offset Protocol</li> </ul> </li> </ul> <p>Comments due 10/17/2014.</p>	
CA100314-3	Air GHG	10/02/2014	<a href="#">ARB Website</a>	Proposed Rule	<p>California Air Resources Board</p> <p>Notice of Public Availability of Modified Text for Proposed Amendments to the Cost of Implementation Fee Regulation [17 CCR 95201-95204]</p> <p><a href="#">Announces</a> availability of <a href="#">modified text</a> for proposed amendments to the AB 32 Cost of Implementation Fee Regulation. Modifications include the following:</p> <ul style="list-style-type: none"> <li>▪ Clarification of the effective date</li> <li>▪ Corrections to the description for the electricity fee rate for electricity imported into California</li> <li>▪ Corrections to the records retention provision aligning Fee Regulation with the Mandatory Reporting Regulation</li> </ul> <p>Comments due 10/17/2014.</p>	
CA100314-4	Air GHG	10/02/2014	<a href="#">ARB Website</a>	Proposed Rule	<p>California Air Resources Board</p> <p>First Notice of Public Availability of Modified Text and Availability of Additional Documents for Proposed Amendments to the Regulation for the Mandatory Reporting of Greenhouse Gas Emissions [17 CCR 95101-95104, 95111-95115, 95119, 95121-95122, 95124, 95130-95133, 95152-95153, 95156-95157, and Appendices A and B]</p> <p><a href="#">Announces</a> availability of <a href="#">modified text</a> for proposed amendments to the GHG mandatory reporting regulation. Modifications include the following:</p> <ul style="list-style-type: none"> <li>▪ Clarifications of definitions</li> <li>▪ Clarifications of best available methods for 2014 data reporting for certain sectors</li> <li>▪ Clarifications of additional data requirements in Section 95156</li> </ul> <p>Comments due 10/17/2014.</p>	
CA100314-5	Air Vehicles	09/26/2014	<a href="#">CRNR 2014, 39Z, p. 1674</a>	Final Rule	<p>California Air Resources Board</p> <p>Alternative Fuel Conversion 2013 [13 CCR 2030 and 2031]</p> <p>Amends regulations pertaining to conversion of vehicles or engines to operate on alternative fuels to:</p> <ul style="list-style-type: none"> <li>▪ Streamline the certification process.</li> <li>▪ Incorporate a new test procedure for 2004 through 2017 model year vehicles and engines.</li> <li>▪ Align the California regulations with the federal equivalents.</li> </ul> <p>Effective 09/15/2014.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA100314-6	Energy	09/26/2014	<a href="#">79 FR 57971 HTML   PDF</a>	Notice	<p>U.S. Bureau of Land Management and U.S. Fish and Wildlife Service</p> <p>Notice of Availability of the Draft Desert Renewable Energy Conservation Plan and Draft Environmental Impact Statement/Environmental Impact Report, California</p> <p>Announces availability of the <a href="#">Draft DRECP and EIS/EIR</a>, which aim to establish measures to protect important desert habitat and identify low-conflict land for renewable energy projects in the California Desert. The documents' focus encompasses several counties, including the following:</p> <ul style="list-style-type: none"> <li>▪ Kern</li> <li>▪ Los Angeles</li> <li>▪ San Bernardino</li> </ul> <p>Comments due 12/26/2015.</p>	<a href="#">AFRC</a> , <a href="#">Goldstone</a> , and <a href="#">JPL</a> should be aware of this action.
CA100314-7	Hazardous Waste CRTs	09/26/2014	<a href="#">CRNR 2014, 39z. p. 1677</a>	Final Rule	<p>California Department of Toxic Substances Control</p> <p>Disposition Options for Universal Waste CRTs [22 CCR 66261.4, 66273.6, 66273.7, 66273.9, 66273.70, 66273.72-66273.75, 66273.80-66273.84, 66273.90, 66273.91, 66273.100, and 66273.101]</p> <p>Adopts emergency regulations to authorize universal waste handlers who treat CRTs to recycle or dispose of the CRT glass as regulated hazardous waste or to be excluded from regulation. Effective 09/15/2014.</p>	
CA100314-8	Water	09/30/2014	<a href="#">79 FR 58802 HTML   PDF</a>	Notice	<p>U.S. Bureau of Reclamation</p> <p>Notice of Availability and Notice of Public Hearings for the Draft Environmental Impact Statement/Environmental Impact Report for Long-Term Water Transfers, Central Valley and Bay Area, California</p> <p>Announces availability of the <a href="#">Long-Term Water Transfers Draft EIS/EIR</a> for CVP contractors. Public hearing is scheduled for 10/16/2014 in Los Banos, California. Comments due 12/01/2014.</p> <p><b>The CVP is a federal water management project created to provide irrigation and municipal water to California's Central Valley. Additional information is on the Bureau of Reclamation's <a href="#">website</a>.</b></p>	<a href="#">ARC</a> 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

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

### 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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAM100314-1	Air SIP	09/22/2014	<a href="#">ARB website</a>	Notice Public Meeting	<p>California Air Resources Board</p> <p>2014 Proposed Updates to the 1997 8-Hour Ozone Standard SIPs: Coachella Valley and Western Mojave Desert 8-Hour Ozone Nonattainment Areas</p> <p><a href="#">Announces</a> a public meeting to discuss the following minor updates to the Coachella Valley and Western Mojave Desert Federal Ozone Nonattainment Areas SIP for the 1997 8-hour Ozone Standard:</p> <ul style="list-style-type: none"> <li>▪ Updated emissions inventory</li> <li>▪ Attainment demonstration</li> <li>▪ Reasonable further progress demonstration</li> <li>▪ New transportation conformity budgets</li> <li>▪ Revised VMT offsets demonstration</li> </ul> <p>Public hearing scheduled for 10/23/2014 in Diamond Bar, California. Comments due 10/20/2014.</p>	<a href="#">Goldstone</a> should be aware of this action.

### 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 in the [South Coast Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS100314-1	Air SIP-NO <sub>x</sub>	09/25/2014	<a href="#">79 FR 57442 HTML   PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Revisions to the California State Implementation Plan, South Coast Air Quality Management District [40 CFR Part 52]</p> <p>Direct final rule to finalize approval of SIP revisions to incorporate Rules 1146 and 1146.1 regarding NO<sub>x</sub> emissions from boilers, steam generators, and process heaters. Comments due 10/27/2014. Effective 11/24/2014.</p>	

### 2.2.1.6 Ventura County Air Pollution Control District

No regulatory items of interest were identified during this reporting period for the [Ventura County Air Pollution Control District](#).

## 2.3 Florida State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL100314-1	Waste Solid Waste	10/01/2014	<a href="#">FAR Notice #15103693</a>	Proposed Rule	<p>Department of Environmental Protection Solid Waste Management Facilities [Chapter 62-701, F.A.C.]</p> <p>Proposes revisions to regulations for the following solid waste facilities:</p> <ul style="list-style-type: none"> <li>▪ Landfills</li> <li>▪ Construction and demolition debris disposal facilities</li> <li>▪ Waste processing and recycling facilities</li> </ul> <p>Revisions include cost-saving simplifying changes with the following goals:</p> <ul style="list-style-type: none"> <li>▪ Reduce unnecessary regulations.</li> <li>▪ Reduce costs to the regulated community.</li> <li>▪ Clarify existing regulations.</li> </ul> <p>Proposed rule <a href="#">text</a> is available for review. Comments due 10/22/2014.</p>	
FL100314-2	Water Sewage	10/01/2014	<a href="#">FAR Notice #15119698</a>	Notice Meeting	<p>Department of Health Standards for Onsite Sewage Treatment and Disposal Systems [Chapter 64E-6, F.A.C.]</p> <p>Announces a conference call with the Technical Review and Advisory Panel to discuss issues related to onsite sewage treatment and disposal systems, and potential impacts to Chapter 64E-6, F.A.C. Conference call is scheduled for 10/14/2014.</p>	
FL100314-3	Water SJRWMD	10/03/2014	<a href="#">FAR Notice #15133763</a>	Notice Meeting	<p>St. John's River Water Management District Projects and Land Committee Meeting</p> <p>Announces a meeting to discuss District business, including regulatory and non-regulatory matters. <a href="#">Agenda</a> is available for review. Meeting is scheduled for 10/14/2014 in Palatka, Florida.</p>	
FL100314-4	Water Water Quality	09/25/2014	<a href="#">79 FR 57447 HTML   PDF</a>	Final Rule Withdrawal	<p>U.S. Environmental Protection Agency Water Quality Standards for the State of Florida's Lakes and Flowing Waters; Withdrawal [40 CFR Part 131]</p> <p>Withdraws federal WQS requirements applicable to Florida's inland waters to allow implementation of state-adopted WQSs to address nutrient pollution. Water quality criteria to be withdrawn or modified include the following:</p> <ul style="list-style-type: none"> <li>▪ Class I and Class III Freshwater Lakes and Springs</li> <li>▪ DPVs</li> <li>▪ SSAC</li> </ul> <p>Effective 10/27/2014. [RIN 2040-AF50]</p> <p><b>Subsection 62-302.400(1), F.A.C., defines related inland waters as the following:</b></p> <ul style="list-style-type: none"> <li>• Class I-Potable Water Supplies</li> <li>• Class III-Fish Consumption; Recreation, Propagation and Maintenance of a Healthy, Well-Balanced Population of Fish and Wildlife</li> </ul>	
FL100314-5	Water Wetlands	10/01/2014	<a href="#">FAR Notice #15110677</a>	Proposed Rule	<p>Department of Environmental Protection Wetland Resource Forms [Chapter 62-312.900, F.A.C.]</p> <p>Proposes to repeal obsolete dredge and fill rule and six associated forms. Comments due 10/22/2014.</p>	

## 2.4 Louisiana State Regulatory Review

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

## 2.5 Maryland State Regulatory Review

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

## 2.6 Mississippi State Regulatory Review

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

## 2.7 New Mexico State Regulatory Review

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	Ref. Page	Type Action	Description	Suggested Actions
TX100314-1	Air Fuels	09/26/2014	<a href="#">39 TexReg 7740</a>	Final Rule	<p>Texas Commission on Environmental Quality Control of Air Pollution from Motor Vehicles [30 TAC 114]</p> <p>Finalizes amendments to the Texas SIP related to gasoline volatility that:</p> <ul style="list-style-type: none"> <li>Remove obsolete prohibitions and reporting requirements.</li> <li>Streamline and clarify text.</li> <li>Correct editorial errors.</li> </ul> <p>Effective 10/02/2014.</p>	
TX100314-2	Air VOCs	09/26/2014	<a href="#">39 TexReg 7745</a>	Final Rule	<p>Texas Commission on Environmental Quality Control of Air Pollution from Volatile Organic Compounds [30 TAC 115]</p> <p>Finalizes amendments as part of the Texas SIP that:</p> <ul style="list-style-type: none"> <li>Update rule definitions, inspection, testing, and record-keeping requirements.</li> <li>Specify Stage I vapor recovery-testing requirements for filling of gasoline storage tanks at GDFs.</li> </ul> <p>Effective 10/02/2014.</p>	
TX100314-3	Hazardous Materials Transportation	10/01/2014	<a href="#">79 FR 59360 HTML   PDF</a>	Notice	<p>Pipeline and Hazardous Materials Safety Administration List of Delayed Special Permit Applications</p> <p>Announces delay of review for special permit application 15971-N for NASA (Houston, Texas) to transport non-DOT specification pressure receptacles containing compressed nitrogen via motor vehicle, rail freight, cargo vessel, and cargo aircraft.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX100314-4	Water TPDES Permitting	09/26/2014	<a href="#">39 TexReg 7726</a>	Proposed Rule	Texas Commission on Environmental Quality Consolidated Permits [30 TAC 305] Proposes an amendment that would adopt reference revisions to 40 CFR Part 450 that are intended to clarify existing stormwater effluent requirements. These requirements are incorporated by reference into the TAC. Public hearing is scheduled for 10/23/2014 in Austin, Texas. Comments due 10/27/2014.	

## 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
UT100314-1	Air SIP-PM <sub>2.5</sub>	09/30/2014	<a href="#">UDAQ Website</a>	Notice	Utah Department of Environmental Quality; Division of Air Quality Technical Support Document for Utah's Subpart 4 PM <sub>2.5</sub> SIP Submittals of the Provo; Salt Lake; and Logan, UT-ID Nonattainment Areas [SIP Sections IX.A.21, 22, and 23 and R307-110-10] Announces availability of supporting <a href="#">documentation</a> for Utah's Subpart 4 PM <sub>2.5</sub> SIP Submittals ( <a href="#">DAR 38841</a> , 09/08/2014 and <a href="#">DAR 38850</a> , 09/09/2014). Documents apply to the Salt Lake and Logan nonattainment areas. Comments due 10/31/2014.	<a href="#">NASA-related operations in Utah</a> should be aware of this action.
UT100314-2	Water Water Quality Assessment	09/30/2014	<a href="#">UDWQ Website</a>	Notice	Utah Department of Environmental Quality; Division of Water Quality Notice of Data Request for Clean Water Act Section 305(b) State Water Quality Assessment Integrated Report 2016 Announces availability of the 2016 Integrated Report data collection <a href="#">notice</a> . The report assesses and documents the condition of Utah's surface waters. Solicits comments about UDWQ's methods of evaluating and reporting. Comments due 12/31/2014.	

## 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
VA100314-1	Air SIP-Ozone, NO <sub>2</sub>	09/30/2014	<a href="#">79 FR 58682 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Virginia; Section 110(a)(2) Prevention of Significant Deterioration Requirements for the 2008 Ozone and 2010 Nitrogen Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Finalizes changes to Virginia's SIP that address infrastructure requirements for the 2008 ozone and 2010 nitrogen dioxide NAAQS. Effective 10/30/2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA100314-2	Water TMDL	10/06/2014	<a href="#">31:3 V.A.R. 191</a>	Notice	Virginia Department of Environmental Quality TMDL Implementation Plans for Back and Poquoson Rivers  Solicits comments and announces a public meeting to discuss the development of implementation plans to address fecal bacteria impairments in the <a href="#">Back</a> and <a href="#">Poquoson</a> Rivers. Meeting is scheduled for 10/22/2014 in Hampton, Virginia. Comments due 11/21/2014.	<a href="#">LaRC</a> should be aware of this action.
VA100314-3	Water TMDL	10/06/2014	<a href="#">31:3 V.A.R. 192</a>	Proposed Rule	State Water Control Board, Virginia Department of Environmental Quality  Water Quality Management Planning Regulation [9VAC25-720]  Proposes the following actions: <ul style="list-style-type: none"> <li>▪ Approve the TMDL report for the Chesapeake Bay-Small Coastal-Eastern Shore Basin.</li> <li>▪ Authorize addition of the TMDL report in the Water Quality Management Plan.</li> <li>▪ Adopt the TMDL waste load allocation for the Chesapeake Bay-Small Coastal-Eastern Shore Basin.</li> </ul> Comments due 11/06/2014.	<a href="#">WFF</a> should be aware of this action.
VA100314-4	Water VPDES	10/06/2014	<a href="#">31:3 V.A.R. 122</a>	Notice	State Water Control Board, Virginia Department of Environmental Quality  General Permit for Vehicle Wash Facilities and Laundry Facilities [9VAC25-194]  Announces availability of the updated form, <a href="#">Registration Statement for the General VPDES Permit for Vehicle Wash Facilities and Laundry Facilities (revised 08/2014)</a> .	
VA100314-5	Water VPDES	10/06/2014	<a href="#">31:3 V.A.R. 122</a>	Notice	State Water Control Board, Virginia Department of Environmental Quality  General VPDES Permit for Discharges of Stormwater from Construction Activities [9VAC25-880]  Announces availability of the following updated forms: <ul style="list-style-type: none"> <li>▪ VDEQ Construction Activity Operator Permit Fee <a href="#">Form</a> (revised 01/2014)</li> <li>▪ <a href="#">Notice</a> of Termination-General VPDES Permit for Discharges of Stormwater from Construction Activities (revised 01/2014)</li> <li>▪ Registration <a href="#">Statement</a>-General VPDES Permit for Discharges of Stormwater from Construction Activities (revised 07/2014)</li> <li>▪ Transfer <a href="#">Agreement</a>-General VPDES Permit for Discharges of Stormwater from Construction Activities (revised 01/2014)</li> </ul>	

### 2.11.1 Light Non-aqueous Phase Liquid Training

VDEQ and ITRC will [host](#) a 2-day training [course](#) about petroleum contamination remediation on 29 and 30 October 2014 in Richmond, Virginia. Registration is available on the ITRC [website](#).