



National Aeronautics and  
Space Administration

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

# Regulatory Tracking Summary

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*03 April 2015*

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 "80 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

AAC = Alabama Administrative Code	NASA = National Aeronautics and Space Administration
AAM = Alabama Administrative Monthly	NEJAC = National Environmental Justice Advisory Council
AFRC = Armstrong Flight Research Center	NDWAC = National Drinking Water Advisory Council
ARB = California Air Resources Board	NM = New Mexico
ATSDR = Agency for Toxic Substances & Disease Registry	NMAC = New Mexico Administrative Code
CalGreen = California Green Building Standards Code	NMFS = National Marine Fisheries Service
CAS = Chemical Abstracts Service Number	NMP = n-Methylpyrrolidone
CCR = <i>California Code of Regulations</i>	NO <sub>2</sub> = Nitrogen dioxide
CEC = California Energy Commission	NO <sub>x</sub> = Nitrogen oxides
CFR = <i>Code of Federal Regulations</i>	NSR = New Source Review
CO = Carbon monoxide	OAC = Ohio Administrative Code
COMAR = Code of Maryland Regulations	OEHHA = Office of Environmental Health Hazard Assessment
CRNR = <i>California Regulatory Notice Register</i>	PM <sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DACT = 2,3-diamino-6-chloro-s-triazine	RACT = Reasonably Available Control Technology
DAPC = Division of Air Pollution Control	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
DIA = des-isopropyl atrazine	RIN = Regulatory Identification Number
DEA = des-ethyl atrazine	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
DPS = Distinct Population Segment	SCAQMD = South Coast Air Quality Management District
ECHA = European Chemicals Agency	SIP = State Implementation Plan
EGU = Electric generating unit	SJRWMD = St. John's River Water Management District
EJ = Environmental justice	SO <sub>2</sub> = Sulfur dioxide
EKAPCD = Eastern Kern Air Pollution Control District	SPL = Substance Priority List
EO = Executive Order	SVHC = Substances of Very High Concern
EPA = U.S. Environmental Protection Agency	TRI = Toxics Release Inventory
ERC = Emission Reduction Credit	UN = United Nations
EU = European Union	U.S. = United States
EVR = Enhanced vapor recovery	VAC = Virginia Administrative Code
F.A.C. = Florida Administrative Code	VA.R. = <i>Virginia Register</i>
FAR = <i>Florida Administrative Register</i>	VCAPCD = Ventura County Air Pollution Control District
FEMA = Federal Emergency Management Agency	VDEQ = Virginia Department of Environmental Quality
FR = <i>Federal Register</i>	VOC = Volatile organic compound
GHG = Greenhouse gas	VR = Vapor recovery
GSA = General Services Agency	WWDR = World Water Development Report
HFO = Hydrofluoroolefin	
ICESat = Ice, Cloud, and Land Elevation Satellites	
LLRW = low-level radioactive waste	
MDE = Maryland Department of the Environment	
Md.R. = <i>Maryland Register</i>	
MMBTU/hr = Million British thermal units per hour	
MOVES = Motor Vehicle Emissions Simulator	
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
FED040315-1	Air Engines	03/30/2015	<a href="#">80 FR 16697 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Department of Justice Notice of Lodging of Proposed Consent Decree Under the Clean Air Act Announces a <a href="#">proposed consent decree</a> for the United States v. MTU America Inc. EPA has voided certificates of conformity for certain 2008 and 2009 models of diesel engines sold by MTU America, Inc. that were not properly certified. Comments due 04/23/2015. <a href="#">Additional information can be found on EPA's website.</a>
FED040315-2	Air NAAQS-PM <sub>2.5</sub>	03/23/2015	<a href="#">80 FR 15339 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Fine Particulate Matter National Ambient Air Quality Standards: State Implementation Plan Requirements [40 CFR Parts 50, 51, and 93] Proposes requirements that state and local air agencies would have to meet as part of PM <sub>2.5</sub> NAAQS implementation, including: <ul style="list-style-type: none"> <li>How air agencies may meet the statutory SIP requirements for designated nonattainment areas</li> <li>Clarification on specific attainment planning requirements for PM<sub>2.5</sub> NAAQS nonattainment areas</li> </ul> Also proposes to revoke the 1997 primary annual standard for PM <sub>2.5</sub> in favor of the revised 2012 primary annual standard. Comments due 05/22/2015. [RIN 2060-AQ48]
FED040315-3	Air Ozone	04/02/2015	<a href="#">80 FR 17442 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency 2015 Annual Meeting of the Ozone Transport Commission Announces the 2015 Annual Meeting of the <a href="#">Ozone Transport Commission</a> to discuss available options for reduction of ground-level ozone precursors. The meeting will include evaluation of potential measures and consideration of actions in areas such as performance standards for the following sources: <ul style="list-style-type: none"> <li>EGUs on high electric demand days</li> <li>Oil and gas boilers serving EGUs</li> <li>Small natural gas boilers</li> <li>Stationary generators</li> <li>Architectural industrial and maintenance coatings</li> <li>Institution commercial and industrial boilers</li> <li>Large aboveground storage tanks</li> </ul> Meeting is scheduled for 06/04/2015 in Princeton, New Jersey. <a href="#">The Ozone Transport Commission focuses on ambient ozone issues in certain states, including Maryland, Virginia, and the District of Columbia.</a>
FED040315-4	Air SIP-PM <sub>2.5</sub>	04/03/2015	<a href="#">80 FR 18177 HTML</a>   <a href="#">PDF</a>	Notice Hearing	U.S. Environmental Protection Agency Fine Particulate Matter National Ambient Air Quality Standards: State Implementation Plan Requirements [40 CFR Parts 50, 51, and 93] Announces a public hearing to discuss the proposed PM <sub>2.5</sub> NAAQS SIP requirements ( <a href="#">80 FR 15339</a> , 03/23/2015). Hearing is scheduled for 04/29/2015 in Washington, D.C. [RIN 2060-AQ48]
FED040315-5	Environmental Justice	04/03/2015	<a href="#">80 FR 18233 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency National Environmental Justice Advisory Council; Notification of Public Teleconference Meeting and Public Comment Announces a NEJAC public teleconference to discuss various topics, including Plan EJ 2020 and Title VI of the Civil Rights Act. Teleconference is scheduled for 04/22/2015.

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED040315-6 <a href="#">NASA Centers and associated facilities</a> should be aware of this action.	Policy Sustainability	03/25/2015	<a href="#">80 FR 15869 HTML</a>   <a href="#">PDF</a>	Notice	Executive Office of the President Executive Order 13693: Planning for Federal Sustainability in the Next Decade Establishes a goal to reduce the federal government's GHG emissions by 40 percent. Also establishes additional sustainability goals, including: <ul style="list-style-type: none"> <li>▪ Increasing: <ul style="list-style-type: none"> <li>▪ Building energy efficiency</li> <li>▪ Percentage of renewable energy in total energy usage</li> <li>▪ Water use efficiency and management</li> <li>▪ Fleet efficiency</li> </ul> </li> <li>▪ Promoting sustainable acquisition and procurement</li> <li>▪ Advancing waste prevention and pollution prevention</li> </ul> <b><a href="#">EO 13693 revokes EO 13423 (2007) and EO 13514 (2009).</a></b>
FED040315-7 <a href="#">NASA Centers and facilities in Florida, Louisiana, Mississippi, and Virginia</a> should be aware of this action.	Species Green Sea Turtle	03/23/2015	<a href="#">80 FR 15271 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Fish and Wildlife Service Endangered and Threatened Species; Identification and Proposed Listing of Eleven Distinct Population Segments of Green Sea Turtles ( <i>Chelonia mydas</i> ) as Endangered or Threatened and Revision of Current Listings [50 CFR Part 17] Proposes to remove the current range-wide species listing and list multiple DPSs, including the North Atlantic DPS, as threatened or endangered. Comments due 06/22/2015. [RIN 0648-XB089]
FED040315-8	Species Long-Eared Bat	04/02/2015	<a href="#">80 FR 17973 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Threatened Species Status for the Northern Long-Eared Bat With 4(d) Rule [50 CFR Part 17] Finalizes the addition of the long-eared bat to List of Endangered and Threatened Wildlife. Also establishes an interim species-specific rule intended to provide necessary conservation measures, including exceptions to the prohibition on forms of take. Effective 05/04/2015. Comments on the interim rule due 07/01/2015. [RIN 1018-AY98] <b>The range of the long-eared bat includes the following states:</b> <ul style="list-style-type: none"> <li>• Alabama</li> <li>• Louisiana</li> <li>• Maryland</li> <li>• Mississippi</li> <li>• Ohio</li> <li>• Virginia</li> </ul>
FED040315-9	Toxic Substances	04/01/2015	<a href="#">80 FR 17444 HTML</a>   <a href="#">PDF</a>	Notice	Agency for Toxic Substances and Disease Registry Proposed Substances To Be Evaluated for Set 29 Toxicological Profiles Announces availability of the <a href="#">SPL</a> , which lists substances to be considered for ATSDR's Set 29 Toxicological Profile development. Solicits public nominations for substances, either included or not included in the SPL, to be considered for Set 29. Nominations due 04/30/2015.
FED040315-10	Waste Radioactive Waste	03/26/2015	<a href="#">80 FR 16081 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Nuclear Regulatory Commission Low-Level Radioactive Waste Disposal [10 CFR Parts 20 and 61] Proposes amendments to regulations for LLRW disposal facilities to include the following: <ul style="list-style-type: none"> <li>▪ Requiring new and revised site-specific technical analyses</li> <li>▪ Permitting the development of site-specific criteria for LLRW acceptance based on the results of the technical analyses</li> <li>▪ Aligning with current health and safety standards</li> </ul> Comments due 07/24/2015. [RIN 3150-AI92]
FED040315-11 <a href="#">NASA Centers and associated facilities in Maryland and Virginia</a> should be aware of this action.	Water Chesapeake Bay	04/02/2015	<a href="#">Chesapeake Bay Program website</a>	Notice	Chesapeake Bay Program Chesapeake Bay Watershed Agreement Draft Management Strategies Solicits comments on draft management <a href="#">strategies</a> to address progress towards resilience associated with the following environmental topics: <ul style="list-style-type: none"> <li>▪ Abundant life</li> <li>▪ Clean waters</li> <li>▪ Engaged communities</li> <li>▪ Conserved lands</li> <li>▪ Climate change</li> </ul> Comments due 04/30/2015.

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED040315-12	Water Drinking Water	03/30/2015	<a href="#">80 FR 16674 HTML</a>   <a href="#">PDF</a>	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 meeting to discuss potential revisions to the Lead and Copper Rule. Meeting is scheduled to begin 04/23/2015 in Arlington, Virginia.
FED040315-13	Water Drinking Water	03/31/2015	<a href="#">80 FR 17020 HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency Notice of a Public Meeting: Regulations Implementing Section 1417 of the Safe Drinking Water Act: Prohibition on Use of Lead Pipes, Solder and Flux [40 CFR Part 141] Announces a meeting to discuss potential revisions to regulations that prohibit the use of lead in drinking water-related pipes, pipe or plumbing fittings or fixtures, solder, and flux. Meeting is scheduled for 04/14/2015 in Washington, D.C. Meeting will be available via <a href="#">webinar</a> . <a href="#">Additional information is available on EPA's website.</a>

## 1.2 Other News and Developments

### 1.2.1 Kepler Mission Wins Smithsonian Award

On 25 March 2015, NASA's [Kepler](#) mission [received](#) the Smithsonian National Air and Space Museum's 2015 Current Achievement [Trophy Award](#). Each year, the Smithsonian recognizes past and present achievements in the space technology and exploration fields. The Kepler team, based at NASA's Ames Research Center, is dedicated to searching for earth-sized planets in other solar systems throughout the Milky Way Galaxy.

### 1.2.2 NASA Operation IceBridge Update

NASA recently [began](#) another season of [Operation IceBridge](#) in the Arctic and Alaska regions. As part of Operation IceBridge, NASA scientists conduct flights above Greenland and Alaska to survey ice sheets and sea ice. Operation IceBridge originally was launched in 2009 to record polar ice measurements after NASA's Ice, Cloud, and Land Elevation Satellites (ICESat) stopped gathering data. The goal of Operation IceBridge is to provide a continuous record of polar ice sheet variance until the ICESat-2 is launched in 2017.

### 1.2.3 European Chemicals Agency Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals ([REACH](#)), the European Chemicals Agency ([ECHA](#)) has [added](#) dicyclohexyl phthalate to the [Registry of Intentions](#) for Substances of Very High Concern ([SVHCs](#)). ECHA expects the technical dossiers for this substance to be submitted in August 2015. 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 SVHC Candidate List are eligible to be considered for listing on the [Authorization List](#), REACH Annex XIV. Inclusion on the Authorization List would impose special authorization requirements for continued manufacture and use in the EU.

In addition, ECHA has initiated [calls for comments and evidence](#) on two substances. Calls for comments and evidence allow interested parties to provide input during various phases of the [Restriction](#) process. Substances on the [List of Restrictions](#), REACH Annex XVII, have the potential to be limited or banned from manufacture, use, or placement on the market in the EU, usually related to specific applications. The two calls are listed in the following table:

Substance Name	CAS	Subject of the Call	Input Deadline
(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silanetriol and any of its mono-, di- or tri-O-(alkyl) derivatives	–	To gather information from as many relevant stakeholders as possible for the preparation of an Annex XV restriction dossier on polyfluorinated silanes in combination with one or more organic solvents in aerosol spray cans sold to the general public.	05/28/2015
Lead and its compounds	7439-92-1	Proposed guideline on the scope of the upcoming amendment of restriction provisions of Entry 63 of Annex XVII on: Lead and its compounds in articles supplied to the public that can be mouthed by children.	06/11/2015

Although requirements associated with REACH do not affect directly operations in the U.S., they can affect the global supply chain and potentially reduce the future availability of regulated substances.

#### 1.2.4 GHG Reporting Pilot Program for GSA Contractors

The General Services Agency (GSA) [announced](#) a new voluntary pilot program for GSA contractors and vendors to report their greenhouse gas (GHG) emissions and set goals for reducing them. The new program was established in response to Executive Order (EO) 13693, "[Planning for Federal Sustainability in the Next Decade](#)," which establishes a goal to reduce the federal government's GHG emission by 40 percent over the next decade compared with 2008 levels.

#### 1.2.5 Petroleum Vapor Intrusion Webinar

The Interstate Technology and Regulatory Council has scheduled a [webinar](#) for 16 April 2015 to discuss a recently released guidance document, titled "[Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management](#)." The document provides guidance on tools and strategies for evaluating vapor intrusion at sites contaminated with petroleum hydrocarbons, including an eight-step management process. [Registration](#) is required for attendance.

#### 1.2.6 Final Risk Assessment for NMP

EPA recently [announced](#) availability of the [final risk assessment](#) for n-methylpyrrolidone (NMP) in paint and coating removers. The assessment identified acute and chronic risks to pregnant women and women of childbearing age who use NMP for 4 hours per day in a single day or repeatedly over successive days. This final risk assessment may trigger voluntary or regulatory actions to mitigate the identified risks, including:

- Recommendations for safe alternatives
- Restricting NMP to use outdoors or in well-ventilated areas
- Requiring proper gloves and respiratory protection

Additional information is available on EPA's [website](#).

### 1.2.7 United Nations World Water Development Report

On 23 March 2015, the United Nations (UN) released the [2015 World Water Development Report \(WWDR\), "Water for a Sustainable World."](#) Each year, UN releases a WWDR to discuss a different strategic water issue. The report provides data on projected water demand and supply, and it states that the world could potentially face a 40 percent global water deficit by 2030. Topics include:

- Unsustainable growth
- Sustainable development
- Water supply and demand by region
- Critical developmental challenges

Additional information is available on UN's [website](#).

### 1.2.8 Climate Resilience Toolkit Updates

The [Climate Resilience Toolkit](#) recently added the [Water Resources](#) topic area, which provides information on climate-related risks and opportunities related to municipal water supplies, drought, and water-related ecosystems. The Climate Resistance Toolkit provides information, tools, and best practices to help communities prepare for and increase their resilience to the effects of climate change. In addition, the National Oceanic and Atmospheric Administration has scheduled a [webinar](#) on 13 April 2015 to provide an overview of the Climate Resilience Toolkit and its possible applications.

### 1.2.9 MOVES2014 Guidance

EPA recently released a new guidance document for MOtor Vehicle Emissions Simulator (MOVES) 2014, titled "[Using MOVES2014 in Project-Level Carbon Monoxide Analyses](#)." MOVES2014, released in July 2014, is the latest version of the MOVES model, which allows users to estimate emissions from both on-road and nonroad mobile sources. The new guidance document describes how to use MOVES2014 to estimate carbon monoxide emissions and perform hot-spot analyses for transportation projects. Additional information is available on EPA's [website](#).

## 1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 15 April 2015, 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

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
AL040315-1	Air SIP-Ozone	04/02/2015	<a href="#">80 FR 17689 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Alabama; Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards [40 CFR Part 52] Finalizes approval of SIP infrastructure requirements for the 2008 8-hour Ozone NAAQS and disapproval of SIP provisions respecting state boards. Effective 05/04/2015.
AL040315-2	Waste Hazardous Waste	03/31/2015	<a href="#">AAM Vol. XXXIII, Issue 6</a>	Final Rule	Alabama Department of Environmental Management Definitions and References [AAC 335-14-1-.02]; General [AAC 335-14-2-.01]; Exclusions/Exemptions [AAC 335-14-2-.05]; Special Requirements for Generators of Waste Destined for Disposal at Commercial Hazardous Waste Disposal Facilities Located in the State of Alabama [AAC 335-14-3-.08]; Appendix II - Request for Commercial Disposal [AAC 335-14-3] Finalizes the revision of certain Chapter 14 rules to ensure consistency with federal rules and clarify the management of hazardous waste. Effective 03/31/2015.

### 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
CA040315-1	Air Vapor Recovery	03/30/2015	<a href="#">ARB Website</a>	Notice	California Air Resources Board One Year Extension for Balance Phase II EVR Systems <a href="#">Amends</a> EOs <a href="#">VR-203-Q</a> and <a href="#">VR-204-Q</a> , which address balance phase II EVR systems, by extending the certification date to 04/01/2016.
CA040315-2 <b>AFRC</b> should be aware of this action	Emergency Planning	04/01/2015	<a href="#">80 FR 17463 HTML</a>   <a href="#">PDF</a>	Notice	Federal Emergency Management Agency Changes in Flood Hazard Determinations Modifies flood hazard determinations for various locations, including Palmdale in Los Angeles County, California. <b>Flood hazard determinations are referenced when designating areas of varying flood risk. Revisions to these determinations have the potential to impact facilities' emergency response planning and preparation activities. Additional information is available on FEMA's website.</b>
CA040315-3	Energy Buildings	03/27/2015	<a href="#">CEC Website</a>	Notice	California Energy Commission 2016 Building Energy Efficiency Standards [24 CCR 1 and 6] <a href="#">Postpones</a> adoption of the 2016 Building Energy Efficiency Standards. <b>The CEC is revising the proposed standards based on public comments and plans to publish the changes sometime after 04/08/2015 as 15-day language.</b>
CA040315-4	Energy Buildings	03/27/2015	<a href="#">CEC Website</a>	Notice	California Energy Commission 2016 CalGreen Efficiency Standards [24 CCR 11] <a href="#">Postpones</a> adoption of 2016 CalGreen Efficiency Standards. <b>The CEC is revising the proposed standards based on public comments and plans to publish the changes sometime after 04/08/2015 as 15-day language.</b>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA040315-5	Occupational Safety	03/27/2015	<a href="#">CRNR 2015, 13z, p. 484</a>	Proposed Rule Hearing	<p>Division of Occupational Safety and Health</p> <p>Partial Recordkeeping Exemption [8 CCR 14300.2]</p> <p>Proposes <a href="#">amendments</a> that align California's job safety and health program with the federal standards contained in 29 CFR Part 1904.2, including revisions to the following:</p> <ul style="list-style-type: none"> <li>▪ Employer reporting and recordkeeping requirements for injuries and illnesses</li> <li>▪ List of industries that are partially exempt from recordkeeping requirements</li> </ul> <p>Public hearing is scheduled for 05/11/2015 in Sacramento, California. Comments due 05/11/2015.</p>
CA040315-6	Toxic Substances Proposition 65	03/27/2015	<a href="#">CRNR 2015, 13z, p. 504</a>	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Known to the State to Cause Cancer or Reproductive Toxicity: 03/27/2015</p> <p>Announces availability of the updated <a href="#">list</a> of substances known to the state to cause cancer or reproductive toxicity.</p>
CA040315-7	Toxic Substances Proposition 65	03/27/2015	<a href="#">CRNR 2015, 13z, p. 502</a>	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemical Listed Effective 03/27/2015 as Known to the State of California to Cause Cancer: Beta-Myrcene [27 CCR 25306]</p> <p>Finalizes addition of beta-myrcene to the list of chemicals known to the state to cause cancer under the authoritative bodies listing mechanism. Effective 03/27/2015.</p> <p><b>Beta-myrcene is a monoterpene used as a chemical intermediate and in other applications. Additional information is available on <a href="#">OEHHA's website</a>.</b></p>
CA040315-8	Toxic Substances Proposition 65	03/27/2015	<a href="#">CRNR 2015, 13z, p. 503</a>	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Listed Effective 08/03/2015 as Known to the State of California to Cause Reproductive Toxicity: Atrazine, Propazine, Simazine and their Chlorometabolites DACT, DEA and DIA [27 CCR 25306]</p> <p>Finalizes addition of the following substances to the list of chemicals known to the state to cause reproductive toxicity under the authoritative bodies listing mechanism:</p> <ul style="list-style-type: none"> <li>▪ Atrazine</li> <li>▪ Propazine</li> <li>▪ Simazine</li> <li>▪ DACT</li> <li>▪ DEA</li> <li>▪ DIA</li> </ul> <p>Effective 08/03/2015.</p> <p><b>These substances are herbicides and their breakdown products. Additional information is available on <a href="#">OEHHA's website</a>.</b></p>
CA040315-9	Toxic Substances Proposition 65	03/30/2015	<a href="#">OEHHA Website</a>	Notice Public Meeting	<p>Office of Environmental Health Hazard Assessment</p> <p>Carcinogen Identification Committee Meeting</p> <p>Announces a meeting of the Carcinogen Identification Committee to discuss proposed agenda items, including consideration of the following chemicals for listing as known to the state to cause cancer:</p> <ul style="list-style-type: none"> <li>▪ Diaminotoluenes: <ul style="list-style-type: none"> <li>▪ Diaminotoluene (mixed)</li> <li>▪ 2,3-diaminotoluene</li> <li>▪ 2,5-diaminotoluene</li> <li>▪ 2,6-diaminotoluene</li> <li>▪ 3,4-diaminotoluene</li> <li>▪ 3,5-diaminotoluene</li> </ul> </li> <li>▪ Nitrapyrin (reconsideration of existing listing)</li> </ul> <p>Meeting is scheduled for 10/14/2015 in Sacramento, California.</p> <p><b>Diaminotoluenes are used in chemicals production and dyes, and nitrapyrin is used as a nitrification inhibitor in agriculture.</b></p>

## 2.2.1 Statewide Mandatory Water Reductions

On 01 April 2015, the Governor of California [announced](#) mandatory cuts in water usage for residents statewide in response to California's ongoing drought state of emergency. The Governor issued [Executive Order \(EO\) B-29-15](#) which, for the first time in the state's history, directs the State Water Resources Control Board to implement mandatory water reductions to reduce total statewide water usage by 25 percent. EO B-29-15 establishes a variety of requirements for residents and businesses, including the following:

- Increasing water savings
  - Replacing 50 million square feet of lawns with drought tolerant landscaping
  - Creating a temporary consumer rebate program to replace old appliances with newer, more water-efficient models
  - Establishing mandatory water use cuts for college campuses, golf courses, cemeteries, and other large landscapes
  - Requiring water-efficient irrigation systems for new homes
- Increasing enforcement
  - Directing local water agencies to adjust their rate structures to implement conservation pricing
  - Increasing enforcement of toilet and faucet requirements
- Streamlining government response
  - Streamlining review of water infrastructure projects
  - Providing temporary relocation assistance for families who need to move from homes where domestic wells have run dry
- Investing in new technologies

Additional information is available on the California drought [website](#).

## 2.2.2 Symposium on the Development of Phase 2 GHG Emission Standards

The California Air Resources Board (ARB) will host a [symposium](#) regarding the development of Phase 2 GHG emission standards for on-road heavy-duty vehicles. During this symposium, representatives from government agencies, engine manufacturers, component suppliers, environmental policy and technical research organizations, and trucking fleets will participate in panel discussions concerning strategies and technologies available to reduce GHG emissions, including the associated emission reduction potential and costs. ARB is working jointly with EPA and the National Highway Traffic Safety Administration to develop these standards, which are expected to build on improvements in engine and vehicle efficiency and provide an opportunity to achieve further GHG reductions for 2018 and later model-year heavy-duty vehicles. The symposium is scheduled for 22 April 2015 in Diamond Bar, California, and will be webcast. Additional details will be posted to ARB's [website](#), as they become available.

## 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 [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 [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 in the [Eastern Kern Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAE040315-1	Air Open Burning	03/30/2015	<a href="#">EKAPCD Website</a>	Notice	Eastern Kern Air Pollution Control District Open Burn Season Announces that open burn season closed on 03/30/2015.

### 2.2.3.4 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](#).

### 2.2.3.5 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
CAS040315-1	Air	03/25/2015	<a href="#">SCAQMD Website</a>	Notice Hearing	South Coast Air Quality Management District Proposed Amended Rule 1401, 1401.1, 1402, and 212 <a href="#">Announces</a> a public hearing to discuss proposed amendments to the following rules to reference the revised OEHHA <a href="#">Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments</a> : <ul style="list-style-type: none"> <li>▪ <a href="#">Rule 1401</a>–New Source Review of Toxic Air Contaminants</li> <li>▪ <a href="#">Rule 1401.1</a>–Requirements for New and Relocated Facilities Near Schools</li> <li>▪ <a href="#">Rule 1402</a>–Control of Toxic Air Contaminants from Existing Sources</li> <li>▪ <a href="#">Rule 212</a> –Standards for Approving Permits and Issuing Public Notice</li> </ul> Public hearing is scheduled for 05/01/2015 in Diamond Bar, California. Comments due 04/21/2015.  <a href="#">Additional information is available in the Draft Staff Report, Public Workshop Presentation, and Fact Sheet.</a>

### 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 in the [Ventura County Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAV040315-1	Air	03/23/2015	<a href="#">VCAPCD Website</a>	Notice Meeting	Ventura County Air Pollution Control District Boilers, Steam Generators and Process Heaters [Rule 74.15.1] <a href="#">Announces</a> an advisory committee meeting to discuss proposed amendments to <a href="#">Rule 74.15.1</a> to revise the following for gaseous- and liquid-fueled boilers, steam generators, and process heaters: <ul style="list-style-type: none"> <li>▪ Establish NO<sub>x</sub> and CO emission standards for units between 2 and 5 MMBTU/hr capacity</li> <li>▪ Require annual screenings to be logged</li> <li>▪ Require source testing every 4 years</li> </ul> Advisory committee meeting is scheduled for 04/28/2015 in Ventura, California.  <a href="#">Additional information is available in the updated Draft Staff Report.</a>

## 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
FL040315-1	Radiation Radon	04/01/2015	<a href="#">FAR Notice #15851951</a>	Notice	Department of Health Control of Radiation [Chapter 64E-5, F.A.C.] Announces amendments that would make the following rule updates: <ul style="list-style-type: none"> <li>Delete obsolete language and update fee schedules</li> <li>Update requirements, definitions, forms, and publications related to certification and standards for radon measurement and radon mitigation personnel and businesses</li> <li>Update reporting requirements for radon measurement and mitigation personnel and businesses</li> </ul>
FL040315-2	Water SJRWMD	04/01/2015	<a href="#">FAR Notices #15854376</a>	Notice Meeting	St. John's River Water Management District Projects and Land Committee Meeting 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 04/14/2015 in Palatka, Florida.

## 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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
MD040315-1	Air SIP-NSR	03/25/2015	<a href="#">80 FR 15713 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Maryland; Preconstruction Requirements - Nonattainment New Source Review [40 CFR Part 52] Proposes to approve a SIP revision pertaining to the major nonattainment NSR program and preconstruction permitting requirements for sources of PM <sub>2.5</sub> . Comments due 04/24/2015.
MD040315-2	Radiation	04/03/2015	<a href="#">42:7 Md.R. 582</a>	Proposed Rule	Department of the Environment Radiation Management <a href="#">Proposes</a> revisions to "Regulations for the Control of Ionizing Radiation (1994)," which is incorporated by reference in COMAR 26.12.01.01, to include: <ul style="list-style-type: none"> <li>Updating requirements for distribution of byproduct material</li> <li>Updating requirements for disposal of radioactive material sources unused for 3 years</li> <li>Making miscellaneous corrections</li> </ul> Comments due 05/04/2015. <a href="#">Additional information is available on MDE's website.</a>

## 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	Ref. Page	Type Action	Description
MS040315-1	Air SIP-Lead	03/30/2015	<a href="#">80 FR 16566 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Mississippi Infrastructure Requirements for the 2008 Lead National Ambient Air Quality Standards [40 CFR Part 52] Finalizes partial approval and partial disapproval of Mississippi SIP infrastructure requirements for the 2008 Lead NAAQS. Effective 04/29/2015.

## 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
NM040315-1	Air SIP-NO <sub>2</sub> , Ozone	03/26/2015	<a href="#">80 FR 15963 HTML   PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; State of New Mexico; Infrastructure SIP Requirements for the 2008 Ozone and 2010 Nitrogen Dioxide National Ambient Air Quality Standards; Interstate Transport of Fine Particulate Matter Air Pollution Affecting Visibility [40 CFR Part 52] Proposes to approve elements of the New Mexico infrastructure SIP to address the 2010 NO <sub>2</sub> and 2008 Ozone NAAQS. Comments due 04/27/2015.
NM040315-2	Water Surface Water	03/31/2015	<a href="#">NM Register Vol. 26, No. 6</a>	Notice Meeting	Water Quality Control Commission Standards for Interstate and Intrastate Surface Waters Triennial Review [NMAC 20.6.4] Announces a meeting to discuss the standards for interstate and intrastate surface waters. Meeting is scheduled to begin 06/09/2015 in Santa Fe, New Mexico.

## 2.8 Ohio State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH040315-1	Air Emission Reduction Credits	04/03/2015	<a href="#">DAPC-What's New</a>	Proposed Rule Meeting	Division of Air Pollution Control, Ohio Environmental Protection Agency ERC Banking Program [OAC 3745-111] <a href="#">Proposes</a> revisions to the ERC Banking Program as part of the 5-year review process. Revisions include changes for clarification and formatting. Meeting is scheduled for 05/13/2015 in Columbus, Ohio. Comments due 05/13/2015. <b>The ERC Banking Program tracks the generation, transfer, and use of credits for NO<sub>x</sub>, VOC, PM<sub>2.5</sub>, CO, SO<sub>2</sub> and lead.</b>

## 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
TX040315-1	Air Permitting	03/30/2015	<a href="#">80 FR 16573 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Public Participation for Air Quality Permit Applications [40 CFR Part 52] Direct final rule approves revisions to the Texas SIP for public notice requirements for Plant-Wide Applicability permit applications. Effective 05/29/2015. Comments due 04/29/2015.
TX040315-2	Air RACT	03/27/2015	<a href="#">80 FR 16291 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Reasonably Available Control Technology for the 1997 8-Hour Ozone National Ambient Air Quality Standard [40 CFR Part 52] Approves revisions to the Texas SIP RACT requirements for the Houston/Galveston/Brazoria 1997 8-Hour ozone nonattainment area. Effective 04/27/2015.

## 2.10 Utah State Regulatory Review

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

## 2.11 Virginia State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA040315-1	Air NAAQS	04/02/2015	<a href="#">80 FR 17692 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Virginia; State Boards Requirements; Infrastructure Requirements for the 2008 Lead and Ozone and 2010 Nitrogen Dioxide and Sulfur Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Direct final rule approves revisions to Virginia's SIP to include new definitions. Also approves revisions for infrastructure requirements for the 2008 Lead, 2008 Ozone, 2010 NO <sub>2</sub> and 2010 SO <sub>2</sub> NAAQS. Effective 06/01/2015.
VA040315-2	Air SIP-VOCs	04/03/2015	<a href="#">31:6 VA.R. 1408-1409</a>	Notice	Air Pollution Control Board, Virginia Department of Environmental Quality State Implementation Plan Revision-Definition of Volatile Organic Compound <a href="#">Solicits</a> comments on proposed changes to exclude the following from the definition of VOC: <ul style="list-style-type: none"> <li>▪ Solstice™ 1233zd(E)</li> <li>▪ HFO-1234yf</li> </ul> Comments due 05/06/2015.
VA040315-3	Species Fire Ants	04/01/2015	<a href="#">Virginia Town Hall website</a>	Notice	Virginia Department of Agricultural and Consumer Services Virginia Imported Fire Ant Quarantine for Enforcement of the Virginia Pest Law [2-VAC5-315] Announces determination to retain the regulation as is, following periodic review.
VA040315-4	Species Porbeagle Sharks	03/27/2015	<a href="#">80 FR 16356 HTML</a>   <a href="#">PDF</a>	Notice	National Oceanic and Atmospheric Administration Endangered and Threatened Species; 90-day Finding on Two Petitions to List Porbeagle Sharks [50 CFR Parts 223 and 224] Announces NMFS's solicitation of information relevant to the status of porbeagle sharks on the Federal List of Endangered and Threatened Wildlife. Comments due 05/12/2015. [RIN 0648- XD740]

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA040315-5	Toxic Substances TRI	03/27/2015	<a href="#">VDEQ website</a>	Notice	Virginia Department of Environmental Quality 2013 Toxics Release Inventory Report Announces availability of the 2013 TRI <a href="#">Report</a> .
VA040315-6	Waste Solid Waste	04/03/2015	<a href="#">31:6 V.A.R. 1411</a>	Notice	Virginia Waste Management Board, Virginia Department of Environmental Quality Solid Waste Planning and Recycling Regulations [9VAC20-130] Announces periodic review to determine whether the regulation should be repealed, amended, or retained in its current form. Comments due 04/27/2015.