



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

01 May 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).

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Acronyms and Abbreviations

AAC = Alabama Administrative Code	NCP = National Oil and Hazardous Substances Pollution Contingency Plan
ADI = Applicability Determination Index	NESHAP = National Emission Standards for Hazardous Air Pollutants
ARB = California Air Resources Board	NHMRR = National Hazardous Materials Route Registry
BAAQMD = Bay Area Air Quality Management District	NPDES = National Pollutant Discharge Elimination System
BBP = Benzyl butyl phthalate	NSPS = New Source Performance Standards
CAS = Chemical Abstracts Service Number	NSR = New Source Review
CCR = <i>California Code of Regulations</i>	NTP = National Toxicology Program
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act	OAC = Ohio Administrative Code
CFR = <i>Code of Federal Regulations</i>	ODS = Ozone depleting substance
CRNR = <i>California Regulatory Notice Register</i>	OEHHA = Office of Environmental Health Hazard Assessment
CRPG = Community Resilience Planning Guide	PHMSA = Pipeline and Hazardous Materials Safety Administration
DAPC = Division of Air Pollution Control	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DARTIC = Developmental and Reproductive Toxicant Identification Committee	PPE = Personal protective equipment
DBP = Dibutyl phthalate	QER = Quadrennial Energy Review
DEHP = Bis(2-ethylhexyl) phthalate	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
DHS = U.S. Department of Homeland Security	RICE = Reciprocating Internal Combustion Engine
DIBP = Diisobutyl phthalate	RIN = Regulatory Identification Number
DOE = U.S. Department of Energy	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
DPR = Department of Pesticide Regulation	SCAQMD = South Coast Air Quality Management District
ECHA = European Chemicals Agency	SIP = State Implementation Plan
EIB = Environmental Improvement Board	SJRWMD = St. John's River Water Management District
EO = Executive Order	SO ₂ = Sulfur dioxide
EPA = U.S. Environmental Protection Agency	SVHC = Substances of Very High Concern
ESPC = Energy savings performance contract	SWRCB = State Water Resources Control Board
EU = European Union	TMDL = Total maximum daily load
F.A.C. = Florida Administrative Code	TSCA = Toxic Substances Control Act
FAR = <i>Florida Administrative Register</i>	U.S. = United States
FEMP = Federal Energy Management Program	VAC = Virginia Administrative Code
FR = <i>Federal Register</i>	VA.R. = <i>Virginia Register</i>
FRA = Federal Railroad Administration	VCAPCD = Ventura County Air Pollution Control District
GHG = Greenhouse gas	WFF = Wallops Flight Facility
GWQB = Ground Water Quality Bureau	WLA = Waste load allocation
HAP = Hazardous air pollutant	
HCFC = Hydrochlorofluorocarbon	
HHFT = High hazard flammable train	
IDLH = Immediately Dangerous to Life or Health	
MACT = Maximum Achievable Control Technology	
MODIS = MODerate-resolution Imaging Spectroradiometer	
MSFC = Marshall Space Flight Center	
NASA = National Aeronautics and Space Administration	

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
FED050115-1	Air	04/21/2015	80 FR 22176 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Applicability Determination Index (ADI) Database System Recent Posting: Applicability Determinations, Alternative Monitoring Decisions, and Regulatory Interpretations Pertaining to Standards of Performance for New Stationary Sources, National Emission Standards for Hazardous Air Pollutants, and the Stratospheric Ozone Protection Program</p> <p>Announces availability of recent additions to the ADI database and lists the subject, header, and brief abstract of each letter or memorandum added to the ADI.</p> <p>The ADI contains EPA letters and memoranda pertaining to the applicability, monitoring, recordkeeping, and reporting requirements of NSPS, NESHAP, and ODS regulations. Additional information is available through the ADI database website.</p>
FED050115-2	Air Engines	04/22/2015	80 FR 22418 HTML PDF	Final Rule Correction	<p>U.S. Environmental Protection Agency</p> <p>Control of Emissions From Nonroad Spark-Ignition Engines at or Below 19 Kilowatts [40 CFR Part 90]</p> <p>Finalizes correction to emission standards in 40 CFR Part 90.116.</p>
FED050115-3	Air NESHAP- Chromium	04/21/2015	80 FR 22116 HTML PDF	Final Rule Correction	<p>U.S. Environmental Protection Agency</p> <p>National Emission Standards for Hazardous Air Pollutants for Source Categories [40 CFR Part 63]</p> <p>Finalizes correction to compliance provisions in 40 CFR Part 63.343.</p>
FED050115-4	Air SO ₂	04/21/2015	80 FR 22116 HTML PDF	Final Rule Correction	<p>U.S. Environmental Protection Agency</p> <p>Sulfur Dioxide Allowance System [40 CFR Part 73]</p> <p>Finalizes correction to compliance provisions in 40 CFR 73.35.</p>
FED050115-5	Hazardous Materials Transportation	04/23/2015	80 FR 22781 HTML PDF	Notice	<p>Pipeline and Hazardous Materials Safety Administration</p> <p>Hazardous Materials: Emergency Response Information Requirements</p> <p>Announces a safety advisory for hazardous materials shippers and carriers pertaining to responsibilities for emergency response information.</p>
FED050115-6	Hazardous Materials Transportation	04/29/2015	80 FR 23859 HTML PDF	Notice	<p>U.S. Department of Transportation</p> <p>National Hazardous Materials Route Registry</p> <p>Announces availability of the NHMRR, which is a listing of designated and restricted road and highway routes for highway route controlled quantities of Class 7 materials. Effective 04/29/2015.</p> <p>Class 7 materials include radioactive materials and non-radioactive hazardous materials.</p>
FED050115-7	Infrastructure	04/27/2015	80 FR 23256 HTML PDF	Notice	<p>National Institute of Standards and Technology</p> <p>Notice of Public Workshop and Request for Public Comments on the Draft Community Resilience Planning Guide for Buildings and Infrastructure Systems</p> <p>Announces availability of and solicits comments on the draft CRPG. Comments due 06/26/2015.</p>

Tracking Number	Subject	Date Published	Citation	Type Action	Description																																
FED050115-8	Occupational Safety	05/01/2015	80 FR 24930 HTML PDF	Notice	<p>Department of Health and Human Services</p> <p>Request for the Technical Review of 14 Draft Immediately Dangerous to Life or Health (IDLH) Value Profiles</p> <p>Solicits comments on the draft IDLH Value Profiles for the following substances:</p> <table border="1"> <thead> <tr> <th>Substance</th> <th>CAS</th> </tr> </thead> <tbody> <tr> <td>Acrylonitrile</td> <td>107-13-1</td> </tr> <tr> <td>Benzonitrile</td> <td>100-47-0</td> </tr> <tr> <td>Methyl isocyanate</td> <td>624-83-9</td> </tr> <tr> <td>HCFC 141b</td> <td>1717-00-6</td> </tr> <tr> <td>Chloroacetyl chloride</td> <td>79-04-9</td> </tr> <tr> <td>Chlorine pentafluoride</td> <td>13637-63-3</td> </tr> <tr> <td>Bromine pentafluoride</td> <td>7789-30-2</td> </tr> <tr> <td>Iron pentacarbonyl</td> <td>13463-40-6</td> </tr> <tr> <td>1,3-Butadiene</td> <td>106-99-0</td> </tr> <tr> <td>Diketene</td> <td>674-82-8</td> </tr> <tr> <td>Furan</td> <td>110-00-9</td> </tr> <tr> <td>Hexafluoroacetone</td> <td>684-16-2</td> </tr> <tr> <td>n-Butyl acrylate</td> <td>141-32-2</td> </tr> <tr> <td>Peracetic acid</td> <td>79-21-0</td> </tr> <tr> <td>Butane</td> <td>106-97-8</td> </tr> </tbody> </table> <p>Comments due 06/30/2015.</p>	Substance	CAS	Acrylonitrile	107-13-1	Benzonitrile	100-47-0	Methyl isocyanate	624-83-9	HCFC 141b	1717-00-6	Chloroacetyl chloride	79-04-9	Chlorine pentafluoride	13637-63-3	Bromine pentafluoride	7789-30-2	Iron pentacarbonyl	13463-40-6	1,3-Butadiene	106-99-0	Diketene	674-82-8	Furan	110-00-9	Hexafluoroacetone	684-16-2	n-Butyl acrylate	141-32-2	Peracetic acid	79-21-0	Butane	106-97-8
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FED050115-9	Technology	04/30/2015	80 FR 24296 HTML PDF	Notice	<p>Office of Science and Technology Policy</p> <p>National Science and Technology Council; National Space Weather Strategy</p> <p>Solicits comments on the draft 2015 National Space Weather Strategy. Comments due 05/29/2015.</p> <p>Additional information is available on DHS's website.</p>																																
FED050115-10	Toxic Substances	04/23/2015	80 FR 22737 HTML PDF	Notice Meeting	<p>National Institutes of Health</p> <p>Draft National Toxicology Program Technical Report; Availability of Document; Request for Comments; Notice of Meeting</p> <p>Announces availability of a draft report on pentabromodiphenyl ether mixture DE-71. Meeting is scheduled for 06/25/2015 in Research Triangle Park, North Carolina, and will be available via webcast. Comments due 06/11/2015.</p> <p>Additional information, including the draft report, will be available on the NTP's website.</p>																																
FED050115-11	Toxic Substances	04/28/2015	80 FR 23545 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Notice of Availability of Work Plan Chemical Problem Formulation and Initial Assessment for 1,4-Dioxane; Request for Public Comment</p> <p>Announces availability of and solicits comments on the TSCA Work Plan Chemical Problem Formulation and Initial Assessment for 1,4-Dioxane. Comments due 06/29/2015.</p> <p>Beginning in 2015, EPA plans to publish an initial assessment or data needs assessment for each TSCA Work Plan Chemical in an effort to increase transparency about EPA's analysis process and to receive public comments and additional information to supplement EPA's detailed risk analysis and characterization.</p>																																
FED050115-12	Waste CERCLA	04/02/2015	80 FR 17703 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>National Oil and Hazardous Substances Pollution Contingency Plan (NCP); Amending the NCP for Public Notices for Specific Superfund Activities [40 CFR Part 300]</p> <p>Finalizes revisions that broaden public notification methods for certain Superfund activities. Effective 05/04/2015. [RIN 2050-AG76]</p>																																

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED050115-13	Water Drinking Water	04/28/2015	80 FR 23542 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notice of a Public Meeting and Webinar: Input on Potential Actions To Prepare for and Respond to Cyanotoxins in Drinking Water Announces a meeting to discuss cyanotoxin health risks in drinking water. Meeting is scheduled for 05/11/2015 in Arlington, Virginia, and will also be available via webinar . Cyanotoxins are toxins produced by cyanobacteria, also known as blue-green algae. Additional information can be found in EPA's fact sheet.

1.2 Other News and Developments

1.2.1 Federal Court Reverses Portions of the RICE NESHAP

On 01 May 2015, the United States (U.S.) Court of Appeals issued an [order](#) reversing a portion of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE) that pertains to operating of emergency stationary engines for up to 100 hours for emergency demand response [40 CFR 63.6640(f)(2)]. This order also vacates the similar portions of the New Source Performance Standards (NSPS) for stationary RICE [40 CFR 60.4211(f)(2); 40 CFR 60.4243(d)(2)]. The court stated that EPA did not provide adequate evidence to support the 100-hour ceiling and sent the standards back to EPA for revision. All other sections of the RICE NESHAP and NSPS remain in effect.

1.2.2 Quadrennial Energy Review

On 21 April 2015, the White House [announced](#) the availability of the first-ever [Quadrennial Energy Review \(QER\)](#), which provides analysis on how to modernize and improve the resilience of energy transmission, storage, and distribution infrastructure in the U.S. The QER also discusses changes in the energy sector in the past decade and proposes energy policy recommendations and investments in energy infrastructure. In conjunction with the QER, the White House also announced a "Partnership for Energy Sector Climate Resilience" and \$72 million in support for rural electric infrastructure.

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](#) hexamethylene diacrylate to the [Registry of Intentions](#) for Substances of Very High Concern ([SVHCs](#)). ECHA expects the technical dossier 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 Authorisation](#). Substances on the SVHC Candidate List are eligible to be considered for listing on the [Authorisation List](#), REACH Annex XIV. Inclusion on the Authorisation 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 four 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 four calls are listed in the following table:

Substance Name	CAS	Subject of the Call	Input Deadline
Bis(2-ethylhexyl) phthalate (DEHP)	84-69-5	ECHA and the Danish Competent Authority call for evidence to identify the current uses of the four phthalates in articles, the phthalate content and phthalates migration rates from these articles.	06/24/2015
Benzyl butyl phthalate (BBP)	84-74-2		
Dibutyl phthalate (DBP)	85-68-7		
Diisobutyl phthalate (DIBP)	117-81-7		

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

1.2.4 Superfund Climate Change Adaptation Fact Sheet

The U.S. Environmental Protection Agency (EPA) recently released a document titled, "[Climate Change Adaptation Technical Fact Sheet: Contaminated Sediment Remedies](#)," that serves as a planning tool for remediation of contaminated aquatic sediment. The fact sheet is based on information contained in the "[Climate Change Adaptation Implementation Plan](#)." Topics include:

- Evaluation of sediment remedy system vulnerability
- Implementation of adaptation measures

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

1.2.5 Verification Guide for Sustainable Products Procurement

The U.S. Department of Energy (DOE) and the General Services Agency recently released the "[Verification Guide for Purchasers of Sustainable Products](#)," which is designed to help ensure compliance with sustainability requirements included in contracts. The guide includes pre- and post-award strategies for ensuring compliance and provides guidance and resources to verify contractors and suppliers have provided the necessary documentation to satisfy sustainability requirements.

1.2.6 eProject Builder

DOE's Federal Energy Management Program (FEMP) recently launched [eProject Builder](#), a web-based portal that produces task order schedules for energy savings performance contracts (ESPCs) and stores, tracks, and reports ESPC project data throughout the entirety of a project. An ESPC project is a partnership between a federal agency and an energy service company. FEMP is encouraging federal agencies to use eProject Builder for future ESPC projects.

1.2.7 NASA Green Aviation Tests

NASA researchers recently [announced](#) completion of the first portion of the Active Flow Control Enhanced Vertical Tail Flight Experiment, which tested sweeping jet actuators. Sweeping jet actuators are small devices that stabilize the directional control portion of the tail during takeoff and landing. If successful, sweeping jet actuators could reduce tail size, and in turn, reduce drag and increase fuel efficiency. The experiment's results were positive, but additional analysis is necessary. The [next stop](#) for the experimental aircraft is Louisiana, where NASA will test wing coatings designed to minimize insect residue.

1.2.8 Draft Environmental Justice 2020 Action Agenda Framework Webinars

EPA has scheduled two [webinars](#) for 07 May and 15 May 2015 to discuss the recently released "[Draft Environmental Justice 2020 Action Agenda Framework](#)," which outlines EPA's general strategic plan for environmental justice. The two identical webinars will provide an overview of the draft document and explain how to provide input. Additional information is available on EPA's [website](#).

1.2.9 NASA Flood Management Webinar Series

As part of NASA's Applied Remote Sensing Training program, a [series of webinars](#) is planned on remote sensing observations for flood management. The main objectives of the webinar series are to introduce NASA remote sensing for extreme precipitation and flooding and associated flood mapping tools. Course topics and times are listed in the following table:

Course	Training Date
NASA Remote Sensing Data useful for Flood Management, Introduction to Flood Monitoring Tools	06/08/2015
Overview of the i) Global Flood Monitoring System, ii) Near-real Time Global Flood Mapping Tool, and iii) Global Disaster Alert and Coordination System/Global Flood Detection System	06/15/2015
Example of Regional Flood Management over Africa, Overview and Demonstration of the MODIS Inundation Mapping Tool and the Dartmouth Flood Observatory	06/22/2015
Example of Floodplain Management of the Mekong River, Live Demonstration of Selected Flooding Cases using Multiple Web-Tools and GIS	06/29/2015

1.2.10 Ecological Revitalization Webinar

EPA has announced the availability of an on-demand [webinar](#) on ecological revitalization for contaminated land. Ecological revitalization refers to the process of returning contaminated land to an area that can support a natural habitat. Topics include:

- Habitat restoration
- Soil amendment usage
- Urban gardens and pollinator habitat development

1.2.11 Wetland Mitigation and Restoration Webinar

The U.S. Department of Agriculture's Science and Technology Training Library has scheduled a [webinar](#) for 20 May 2015 to discuss available resources for wetland mitigation and restoration projects. The webinar will provide information on ways to use data from reference wetlands to enhance project designs.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 20 May 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
AL050115-1 MSFC should be aware of this action.	Species Rabbitsfoot	04/30/2015	80 FR 24691 HTML PDF	Final Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for Neosho Mucket and Rabbitsfoot [50 CFR Part 17] Finalizes critical habitat for the Rabbitsfoot. Effective 06/01/2015. [RIN 1018-AZ30] Rabbitsfoot is known to occur in Madison County, Alabama.
AL050115-2	Water NPDES	04/26/2015	Public Notice #210	Proposed Rule Hearing	Alabama Department of Environmental Management National Pollutant Discharge Elimination System [AAC 335-6-6] Proposes administrative corrections and revisions to remain consistent with federal regulations that require the use of sensitive test methods to aid in determining compliance with NPDES permit limitations. Proposed rule text and summary of reasons are available for review. Hearing is scheduled for 06/15/2015 in Montgomery, Alabama. Comments due 06/15/2015.

2.1.1 15th Annual Groundwater Conference

The Alabama Department of Environmental Management announced [registration](#) for the [15th Annual Groundwater Conference](#) scheduled for 09 June 2015 in Montgomery, Alabama. This conference provides networking opportunities for groundwater professionals to learn about new technologies related to groundwater protection and restoration.

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
CA050115-1	Air Fuels	04/21/2015	ARB Website	Notice Workshop	California Air Resources Board Portable Fuel Container Workshop Notice Announces a workshop to discuss proposed updates to the ARB portable fuel container regulations. These updates, expected to take effect in 2017, may revise the following for portable fuel containers: <ul style="list-style-type: none"> Performance standards Certification procedures Testing procedures, including the use of 10 percent ethanol fuel to conduct testing Workshop is scheduled for 05/12/2015 in Sacramento, California. The Portable Fuel Container program is intended to ensure that spillage and evaporative emissions from gas cans are minimized or eliminated.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA050115-2	Pesticides PPE	04/24/2015	CRNR 2015, 17z, p. 663	Final Rule	<p>Department of Pesticide Regulation</p> <p>Personal Protective Equipment [3 CCR 6000, 6486.7, 6702, 6720, 6724, 6736, 6738, 6738.1-6738.4, 6739, 6764, 6771, 6793, and 6795]</p> <p>Finalizes amendments to the pesticide application regulations that:</p> <ul style="list-style-type: none"> Clarify PPE requirements Revise protective eyewear requirements to be consistent with the nationally recognized consensus standard Revise hand protection requirements to align with the current EPA guidelines <p>Effective 07/01/2015.</p> <p>Additional information is available on DPR's website.</p>
CA050115-3	Toxic Substances Proposition 65	04/21/2015	CRNR 2015, 18z, p. 715	Proposed Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Modification to Text of Proposed Regulation for Listings by Reference to the California Labor Code [27 CCR 25904]</p> <p>Proposes revisions intended to clarify the procedure and criteria used to add and remove chemicals from the list of chemicals known to the state to cause cancer or reproductive toxicity under the labor code listing mechanism. Comments due 05/15/2015.</p> <p>Additional information is available on OEHHA's website.</p>
CA050115-4	Toxic Substances Proposition 65	04/22/2015	OEHHA Website	Notice Meeting	<p>Office of Environmental Health Hazard Assessment</p> <p>Public Meeting of the Developmental and Reproductive Toxicant Identification Committee</p> <p>Announces availability of the agenda for the next DARTIC meeting, which includes the following topics:</p> <ul style="list-style-type: none"> Consideration of bisphenol A as known to the state to cause reproductive toxicity Staff updates: <ul style="list-style-type: none"> Chemical listings via the administrative listing mechanism Proposition 65 litigation Summary of DARTIC actions <p>Meeting is scheduled for 05/07/2015 in Sacramento, California, and will be available via webcast.</p>
CA050115-5	Toxic Substances Proposition 65–Aloe Vera and Goldenseal	04/24/2015	CRNR 2015, 17z, p. 656	Proposed Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Intent to List Aloe Vera, Whole Leaf Extract and Goldenseal Root Powder [27 CCR 25904]</p> <p>Proposes to list aloe vera whole leaf extract and goldenseal root powder as substances known to the state to cause cancer under the "labor code" listing mechanism. Comments due 05/26/2015.</p> <p>Aloe vera and goldenseal root powder are natural, plant-based substances commonly used in consumer products. Additional information is available on OEHHA's website.</p>

2.2.1 2030 Greenhouse Gas Emissions Reduction Target

On 29 April 2015, the Governor of California issued [Executive Order \(EO\) B-30-15](#) to establish a California greenhouse gas (GHG) emissions reduction target of 40 percent below 1990 levels by 2030. This interim target intends to help California reach its ultimate goal of reducing GHG emissions to 80 percent below 1990 levels by 2050. EO B-30-15 also directs the state government to:

- Incorporate climate change impacts into the state's Five-Year Infrastructure Plan
- Update the Safeguarding California Plan to identify how climate change will affect California infrastructure and industry and what actions the state can take to reduce the risks posed by climate change
- Include climate change considerations in state agencies' planning and investment decisions
- Implement measures under existing agency and departmental authority to reduce GHG emissions

2.2.2 Environmental Justice Screening Method

The California Air Resources Board (ARB) has scheduled a [webinar](#) for 13 May 2015 to discuss the Environmental Justice Screening Method, which is a mapping method that identifies communities

in California facing the highest cumulative impact of environmental hazards, health risks, and social stressors. The webinar will discuss improvements to the mapping methodology, new approaches to improving data accuracy, and the incorporation of new climate change-related data. [Registration](#) is required for attendance.

2.2.3 Health Risk Assessments and Dispersion Modeling Training

ARB has scheduled multiple sessions of training [Course #296: Health Risk Assessments and Dispersion Modeling](#), which is an introductory course to air dispersion modeling and its associated regulations. The course will include hands-on exercises using the Agency Regulatory Model Improvement Committee's meteorological processor and modeling system, as well as the Hotspots Analysis Reporting Program software. Course dates and locations are listed in the following table:

Course Location	Date
Diamond Bar, California	07/14/2015 - 07/16/2015
San Diego, California	08/04/2015 - 08/06/2015
Santa Barbara, California	08/25/2015 - 08/27/2015

2.2.4 Water Quality Trash Objective

The State Water Resources Control Board (SWRCB) recently [adopted](#) a statewide water quality objective and associated implementation requirements, known as the [Trash Amendments](#), aimed at reducing the amount of trash that ends up in rivers, lakes, and oceans. Trash is defined as improperly disposed of rubbish, and includes paper, fast-food containers, plastic grocery bags, cans and bottles, construction debris, old tires, and appliances. The Trash Amendments revise the California Ocean Plan and will be incorporated into the forthcoming Inland Surface Waters, Enclosed Bays, and Estuaries Plan in order to:

- Establish a narrative water quality objective for trash
- Prohibit the discharge of trash
- Provide implementation requirements for permitted storm water and other discharges
- Set a time schedule for compliance
- Provide a framework for monitoring and reporting requirements

The Trash Amendments also provide a framework for implementation that will be incorporated into the National Pollutant Discharge Elimination System storm water discharge permits, waste discharge requirements, and waivers of waste discharge requirements, as applicable. The amendments will take effect following approval by the Office of Administrative Law and EPA (anticipated in fall 2015). Additional information is available on SWRCB's [website](#).

2.2.5 CAPCOA Annual State of the Air Report

The [California Air Pollution Control Officers' Association](#), an organization that represents the 35 local air districts within California, has released its annual state of the air report, titled "[California's Progress Toward Clean Air 2015](#)." This report provides information and data about the current status of California's air quality and summarizes potential future challenges related to California's health-based air-quality standards.

2.2.6 Ontario to Join California Cap-and-Trade Market

On 13 April 2015, the Premier of Ontario, Canada, [announced](#) plans to join California's cap-and-trade market. Thus far, Ontario's Premier has signed an agreement with Quebec's Premier to collaborate on the development of Ontario's cap-and-trade regulations. The California Air Resources Board will need to certify that Ontario's cap-and-trade regulations align with California's prior to accepting Ontario into the California market. Quebec successfully joined the California market in 2014.

2.2.7 California Air Districts Regulatory Review

2.2.7.1 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](#).

2.2.7.2 Bay Area Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAB050115-1	Air Open Burning	04/30/2015	BAAQMD Website	Notice	Bay Area Air Quality Management District Four Permissive Burn Seasons Close for Crop Replacement, Forest Management, Orchard Pruning and Attrition, and Range Management Announces the close of open burn seasons, including the forest management open burn season, on 04/30/2015.

2.2.7.3 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](#).

2.2.7.4 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](#).

2.2.7.5 South Coast Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAS050115-1	Air NSPS, NESHAP	04/29/2015	SCAQMD Website	Final Rule	South Coast Air Quality Management District Regulations IX and X Finalizes amendments to Regulation IX and Regulation X to incorporate by reference federal NSPS and NESHAP requirements. Effective 04/03/2015. The NSPS and NESHAP standards were in effect and enforceable by SCAQMD prior to incorporation into Regulations IX and X.
CAS050115-2	Air SIP-PM _{2.5}	05/01/2015	80 FR 24821 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval of Air Quality Implementation Plans; California; South Coast Air Quality Management District; Stationary Source Permits [40 CFR Part 52] Finalizes revisions to the SCAQMD portion of the California SIP to incorporate SCAQMD-adopted Rule 1325 , Federal PM _{2.5} NSR Program, into the SIP. Effective 06/01/2015.

2.2.7.6 Ventura County Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAV050115-1	Air Fees	04/29/2015	VCAPCD Website	Final Rule	Ventura County Air Pollution Control District Amended Rule 42, Permit Fees Finalizes revisions to Rule 42 that increase permit renewal fees by 2.5 percent. Effective 07/01/2015. Additional information is available in the updated Final Staff Report.

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
FL050115-1	Radiation	04/27/2015	FAR Notice #15934886	Notice Meeting	Department of Health Bureau of Radiation Control Announces a meeting to discuss various radiation topics, including the following Chapters: <ul style="list-style-type: none"> Chapter 64-3, F.A.C., "Radiologic Technology" Chapter 64E-5, F.A.C., "Control of Radiation Hazard Regulations" Meeting is scheduled for 05/12/2015 in Tampa, Florida.
FL050115-2	Railroads	04/23/2015	80 FR 22778 HTML PDF	Notice	U.S. Department of Transportation Hazardous Materials: Information Requirements Related to the Transportation of Trains Carrying Specified Volumes of Flammable Liquids Announces issuance of a safety advisory to railroads operating HHFT and the offerors of Class 3 flammable liquids transported on such trains that certain information may be required by PHMSA or FRA personnel during the course of an investigation immediately following an accident. HHFT is defined as a train composed of 20 or more loaded tank cars of a Class 3 flammable liquid in a continuous block or a train with 35 or more loaded tank cars of a Class 3 flammable liquid across the entire train.
FL050115-3	Water SJRWMD	05/01/2015	FAR Notice #15955256	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. Agenda is available for review. Meeting is scheduled for 05/12/2015 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

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

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
NM050115-1	Air	05/01/2015	EIB	Notice Meeting	Environmental Improvement Board Monthly Meeting of the Environmental Improvement Board Announces a meeting to discuss potential amendments to various air requirements including NSPS, and HAP emissions and MACT standards. Meeting is scheduled for 05/15/2015 in Santa Fe, New Mexico.
NM050115-2	Water Groundwater	05/01/2015	GWQB	Notice	Ground Water Quality Bureau Revised Ground Water Discharge Permit Application Solicits comments on the revised application form. Comments due 05/12/2015.

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
OH050115-1	Air Open Burning	04/20/2015	DAPC – What's New	Proposed Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Open Burning Rules [OAC 3745-19] Proposes revisions intended to clarify the open burning rules regarding prairie and grassland management and management of invasive species. Comments due 05/20/2015.

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
TX050115-1	Air SIP	04/30/2015	80 FR 24213 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Revisions to the State Implementation Plan; Stage I Regulations [40 CFR Part 52] Direct final rule revises the Texas SIP requirements related to Stage I Vapor Control Regulations. Effective 06/29/2015. Comments due 06/01/2015.

2.9.1 Air Quality Monitoring Guidelines

The Texas Commission on Environmental Quality Air Permits Division has finalized the [air quality modeling guidelines](#) to provide staff with a process to evaluate and determine air quality impact analysis requirements for case-by-case permit reviews. While the focus of the document is on the technical review process, it is available to the regulated community and the public to provide an understanding of air quality impact analysis requirements and processes that affect air permit applications. This final document will supersede Air Dispersion Modeling Guidelines, RG-25, February 1999.

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
VA050115-1	Species Fire Ants	05/04/2015	31:18 VA.R. 1597	Notice	Virginia Department of Agriculture and Consumer Services Virginia Imported Fire Ant Quarantine for Enforcement of the Virginia Pest Law [2VAC5-315] Announces determination that the regulation shall be retained in its current form. Effective 03/23/2015.
VA050115-2	Water Surface Water	05/04/2015	31:18 VA.R. 1601	Notice	State Water Control Board, Virginia Department of Environmental Quality Surface Water Management Area Regulation [9VAC25-220] Announces periodic review to determine whether this regulation should be amended, repealed, or retained in its current form. Comments due 05/26/2015.
VA0505115-3 WFF should be aware of this action.	Water TMDLs	05/04/2015	31:18 VA.R. 1499-1565	Final Rule	Virginia Department of Environmental Quality Water Quality Management Planning Regulation [9VAC25-720] Finalizes new TMDL WLAs for the Chesapeake Bay – Small Coastal – Eastern Shore River Basin. Effective 06/03/2015.