



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

08 April 2016

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 "81 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	NO ₂ = Nitrogen dioxide
ADI = Applicability Determination Index	NOAA = National Oceanic and Atmospheric Administration
AFFECT = Assisting Federal Facilities with Energy Conservation Technologies	NO _x = Nitrogen oxides
ARB = Air Resources Board	NSPS = New Source Performance Standards
AST = Aboveground storage tank	NSRL = No Significant Risk Level
BAAQMD = Bay Area Air Quality Management District	ODS = Ozone-depleting substance
BPA = Bisphenol A	OAC = Ohio Administrative Code
CAS = Chemical Abstracts Service	OEHHA = Office of Environmental Health Hazard Assessment
CCR = California Code of Regulations	OEPA = Ohio Environmental Protection Agency
CFR = <i>Code of Federal Regulations</i>	Pb = Lead
COMAR = <i>Code of Maryland Regulations</i>	PDARP = Programmatic Damage Assessment and Restoration Plan
CRNR = <i>California Regulatory Notice Register</i>	PEIS = Programmatic Environmental Impact Statement
CY = Calendar year	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DDAGW = Division of Drinking and Ground Waters	PMP = Probable Maximum Precipitation
DPS = Distinct population segment	PTC = Positive Train Control
DSW = Division of Surface Water	QER = Quadrennial Energy Review
ECHO = Enforcement and Compliance History Online	REL = Reference Exposure Level
EERE = Energy Efficiency and Renewable Energy	RIN = Regulatory Identification Number
EO = Executive Order	ROD = Record of Decision
EPA = U.S. Environmental Protection Agency	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
ERC = Emission Reduction Credit	RTP = Recreation Trails Program
EVR = Enhanced Vapor Recovery	SDWIS = Safe Drinking Water Information System
F.A.C. = Florida Administrative Code	SIP = State Implementation Plan
FAR = <i>Florida Administrative Register</i>	SNUR = Significant New Use Rule
FDEP = Florida Department of Environmental Protection	SO ₂ = Sulfur dioxide
FEMA = Federal Emergency Management Agency	SWRCB = State Water Resources Control Board
FOA = Funding Opportunity Announcement	TBD = To be determined
FR = <i>Federal Register</i>	TCE = Trichloroethylene
FRA = Federal Railroad Administration	TCEQ = Texas Commission on Environmental Quality
FY = Fiscal year	TDI = Toluene diisocyanate
GDF = Gasoline Dispensing Facility	TI = Technical Instructions for the Safe Transport of Dangerous Goods by Air
GRC = Glenn Research Center	TMDL = Total maximum daily load
HARP2 = Hot Spots Analysis and Reporting Program	TRI = Toxics Release Inventory
HGB = Houston-Galveston-Brazoria	U.S. = United States
ICAO = International Civil Aviation Organization	USGCRP = United States Global Change Research Program
IRIS = Integrated Risk Information System	UT = Utah
MADL = Maximum Allowable Dose Level	VAC = Virginia Administrative Code
MDAQMD = Mojave Desert Air Quality Management District	VA.R. = <i>Virginia Register</i>
MDI = Methylene diphenyl diisocyanate	VCAPCD = Ventura County Air Pollution Control District
Md.R. = <i>Maryland Register</i>	VOC = Volatile organic compound
µg/day = Microgram(s) per day	WLA = Wasteload allocation
µg/m ³ = Microgram(s) per cubic meter	WQCC = Water Quality Control Commission
NAAQS = National Ambient Air Quality Standards	
NASA = National Aeronautics and Space Administration	
NEPA = National Environmental Policy Act	
NESDIS = National Environmental Satellite, Data, and Information Service	
NESHAP = National Emission Standards for Hazardous Air Pollutants	

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
FED040816-1	Air	03/30/2016	81 FR 17697 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Applicability Determination Index (ADI) Data System Recent Posting: Agency 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.</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>
FED040816-2	Air Monitoring	03/28/2016	81 FR 17247 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Revisions to Ambient Monitoring Quality Assurance and Other Requirements [40 CFR Part 58]</p> <p>Finalizes revisions to ambient air monitoring requirements for criteria pollutants, including:</p> <ul style="list-style-type: none"> ▪ Adding and revising definitions ▪ Clarifying annual monitoring network plan public notice requirements ▪ Revising operating schedules for air sampling ▪ Clarifying data certification, data submittal, and archiving procedures ▪ Reorganizing and clarifying quality assurance requirements ▪ Revising certain network design criteria for non-source-oriented lead monitoring <p>Effective 04/27/2016. [RIN 2060-AS00]</p>
FED040816-3	Air NESHAP	04/06/2016	81 FR 20171 HTML PDF	Final Rule Correction	<p>U.S. Environmental Protection Agency</p> <p>National Emission Standards for Hazardous Air Pollutants From Coal- and Oil-Fired Electric Utility Steam Generating Units and Standards of Performance for Fossil-Fuel-Fired Electric Utility, Industrial-Commercial-Institutional, and Small Industrial-Commercial-Institutional Steam Generating Units; Technical Correction [40 CFR Parts 60 and 63]</p> <p>Finalizes various technical corrections and clarifications to the final rule (77 FR 9303, 02/16/2012). Also finalizes removal of provisions establishing an affirmative defense for malfunction events. Effective 04/06/2015. [RIN 2060-AS41]</p>
FED040816-4	Air SIP	04/04/2016	81 FR 19175 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Proposed Consent Decree, Clean Air Act Citizen Suit</p> <p>Announces availability of a proposed consent decree, which would set deadlines for EPA to take final action on SIP submissions for multiple areas, including the San Francisco Bay Area, California, and Logan, Utah.</p> <p>The decree would establish deadlines of 11/01/2016 and 05/01/2017 for BAAQMD submissions and 12/08/2016 for the Logan, Utah submission.</p>
FED040816-5	Commercial Space	04/08/2016	81 FR 20622 HTML PDF	Notice	<p>National Oceanic and Atmospheric Administration</p> <p>Notice of Availability of a Draft NOAA/NESDIS Commercial Space Activities Assessment Process</p> <p>Announces availability of the draft process for NESDIS engagement with the commercial space sector. Comments due 05/09/2016. [RIN 0648-XE260]</p> <p>NESDIS will assess and pursue commercial opportunities to support NOAA's space-based observational information requirements.</p>

Tracking Number	Subject	Date Published	Citation	Type Action	Description										
FED040816-6	Energy	03/30/2016	81 FR 17690 HTML PDF	Notice Meeting	<p>U.S. Department of Energy</p> <p>Quadrennial Energy Review: Notice of Public Meeting</p> <p>Announces the following updated meeting schedule, including dates and locations:</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td>04/25/2016</td> <td>Salt Lake City, Utah</td> </tr> <tr> <td>05/09/2016</td> <td>Austin, Texas</td> </tr> <tr> <td>05/10/2016</td> <td>Los Angeles, California</td> </tr> <tr> <td>05/24/2016</td> <td>Atlanta, Georgia</td> </tr> </tbody> </table> <p>Comments due 07/01/2016.</p> <p>The purpose of the QER process, established by a 2014 Presidential Memorandum, is to translate policy goals into a set of integrated actions for proposed investments over a 4-year period. Currently, the QER is in its second installment, focusing on a review of the nation's electricity system from generation to end use.</p>	Date	Location	04/25/2016	Salt Lake City, Utah	05/09/2016	Austin, Texas	05/10/2016	Los Angeles, California	05/24/2016	Atlanta, Georgia
Date	Location														
04/25/2016	Salt Lake City, Utah														
05/09/2016	Austin, Texas														
05/10/2016	Los Angeles, California														
05/24/2016	Atlanta, Georgia														
FED040816-7 NASA Logistics should be aware of this action.	Hazardous Materials	04/07/2016	81 FR 20443 HTML PDF	Notice	<p>Pipeline and Hazardous Materials Safety Administration</p> <p>Hazardous Materials: ICAO Lithium Ion Battery Prohibition Safety Advisory Notice</p> <p>Announces amendments to ICAO TI related to the transport of lithium ion cells and batteries, including:</p> <ul style="list-style-type: none"> Prohibition on transports of lithium ion cells and batteries aboard passenger aircraft Requirement for lithium ion cells and batteries to be shipped at a state of charge of no more than 30 percent of their rated capacity on cargo aircraft Limit of one package per consignment or overpack of both lithium ion and lithium metal batteries that can be offered for transportation on cargo aircraft 										
FED040816-8	Natural Resources NEPA	03/29/2016	81 FR 17438 HTML PDF	Notice	<p>National Oceanic and Atmospheric Administration</p> <p>Notice of Availability of the Deepwater Horizon Oil Spill Record of Decision (ROD) for the Final Programmatic Damage Assessment and Restoration Plan and Final Programmatic Environmental Impact Statement (Final PDARP/PEIS)</p> <p>Announces availability of the ROD, which sets forth the basis for the alternative selected in the final PDARP/PEIS for the Deepwater Horizon Oil Spill. [RIN 0648-XE201]</p>										
FED040816-9	Species Green Sea Turtle	04/06/2016	81 FR 20057 HTML PDF	Final Rule	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Final Rule To List Eleven Distinct Population Segments of the Green Sea Turtle (<i>Chelonia mydas</i>) as Endangered or Threatened and Revision of Current Listings Under the Endangered Species Act [50 CFR Parts 17, 223, and 224]</p> <p>Finalizes the listing of 11 DPSs of the green sea turtle, including the North Atlantic DPS. Effective 05/06/2016. [RIN 0648-XB089]</p> <p>The North Atlantic DPS includes Accomack County, Virginia, Brevard County, Florida, and Hancock County, Mississippi.</p>										
FED040816-10	Species Loggerhead Sea Turtle	03/28/2016	81 FR 17247 HTML PDF	Final Rule Correction	<p>National Oceanic and Atmospheric Administration</p> <p>Threatened and Endangered Marine and Anadromous Species [50 CFR Parts 223 and 224]</p> <p>Finalizes corrections to CFR table entries for multiple loggerhead sea turtle DPSs, including the Northwest Atlantic DPS.</p> <p>The Northwest Atlantic DPS includes Accomack County, Virginia, Brevard County, Florida, and Hancock County, Mississippi.</p>										

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED040816-11	Toxic Substances IRIS	03/31/2016	81 FR 18625 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Announcement on the Availability of the IRIS Program General Comments Docket; Announcement of the IRIS Program Public Science Meetings for Calendar Year 2016 Announces availability of the IRIS Program Docket for general comment. Also announces the 2016 IRIS meeting schedule, including the following dates: <ul style="list-style-type: none"> ▪ 05/10/2016 in Arlington, Virginia ▪ 06/29/2016; location TBD ▪ 09/07/2016; location TBD ▪ 10/26/2016; location TBD Future draft IRIS assessments will be announced via the IRIS website.
FED040816-12 NASA Centers, Programs, and related facilities should be aware of this action.	Toxic Substances SNURs–TCE	04/08/2016	81 FR 20535 HTML PDF	Final Rule	U.S. Environmental Protection Agency Trichloroethylene; Significant New Use Rule [40 CFR Parts 9 and 721] Finalizes a SNUR for manufacturing or processing TCE (CAS 79-01-6) in consumer products. Also finalizes an exemption for certain uses of TCE, including use in cleaners and solvent degreasers. Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for use in activities designated in the rule as "significant new uses." Effective 06/07/2016. [RIN 2070-AK05]
FED040816-13	Transportation	03/30/2016	81 FR 17766 HTML PDF	Notice	U.S. Department of Transportation Transportation Research and Development Strategic Plan Solicits comments on the development of a 5-year strategic plan for transportation research, development, and technology. Comments due 04/29/2016.
FED040816-14	Water Drinking Water	03/30/2016	81 FR 17696 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notice of a Public Meeting and Webinar: Managing Cyanotoxins in Drinking Water Announces a meeting to solicit input on managing risks associated with cyanotoxins in drinking water, following the release of the document, " Recommendations for Public Water Systems to Manage Cyanotoxins in Drinking Water ." Meeting is scheduled for 04/29/2015 in Chicago, Illinois, and will also be available via webinar.
FED040816-15	Water Water Quality	04/04/2016	81 FR 19176 HTML PDF	Notice	U.S. Environmental Protection Agency Recommended Aquatic Life Ambient Water Quality Criteria for Cadmium–2016 Announces availability of updated national recommended water quality criteria for cadmium in freshwater and estuarine/marine waters.

1.2 Other News and Development

1.2.1 USGCRP Report on Climate Change Threats to Human Health

On 04 April 2016, the U.S. Global Change Research Program ([USGCRP](#)) [released](#) a new assessment titled, "[The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment](#)." The assessment identifies key findings in various categories of impacts, including air quality and extreme weather events. The assessment includes input and collaboration by 8 federal agencies, including NASA, over 100 subject matter experts, and numerous other resources.

1.2.2 EPA's SDWIS Federal Reporting Services System Update

The U.S. Environmental Protection Agency (EPA) recently updated the Safe Drinking Water Information System ([SDWIS](#)) database. The SDWIS database includes basic information about each public water system across the nation, as well as notices of violation and enforcement actions. The resource aims to protect public health further by making information readily available. Additional information about the database is available on EPA's [website](#).

1.2.3 Notice of Intent for AFFECT 2016

On 31 March 2016, the [U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy](#) (EERE) released a [notice of intent](#) to issue a Funding Opportunity Announcement (FOA) on behalf of the [Federal Energy Management Program](#). The FOA will be titled "Assisting Federal Facilities with Energy Conservation Technologies (AFFECT) 2016" and is projected for release in April or May 2016. The FOA is expected to offer grants to federal agencies for establishing a process to fund energy savings projects. Additional information is available on EERE's [website](#).

1.2.4 EPA ECHO Webinar

As part of EPA's ongoing Enforcement and Compliance History Online ([ECHO](#)) [webinar series](#), an "Introduction to ECHO—A Web Demonstration" webinar has been scheduled for 19 April 2016. The webinar will provide an introduction and basic demonstrations of the ECHO website. Registration is available [online](#).

1.2.5 Fourth International Conference on Materials, Energy, and Environments

From 08 August 2016 through 10 August 2016, the [Fourth International Conference on Materials, Energy, and Environments](#) will be held in Orlando, Florida. Topics of discussion will include nanoscience and bio-nanomaterials. International researchers, educators, and professionals will be given an opportunity and venue to discuss and exchange research and developments, as well as critical needs and future prospects in the fields of concern. Abstracts are due 30 April 2016, and registration is available on the conference [website](#).

1.2.6 2016 TRI National Training Conference

From 19 October 2016 through 21 October 2016, EPA and Dillard University will host the [2016 Toxics Release Inventory \(TRI\) National Training Conference](#) in Washington D.C. The main topics of discussion will include the [TRI Program](#) and environmental conditions in communities. Calls for abstracts, posters, and exhibits will begin in spring 2016, while registration will become available in summer 2016.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 18 May 2016, at 10:00 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
AL040816-1	Administration	03/27/2016	Public Notice #180	Notice Hearing	Alabama Department of Environmental Management Departmental Forms, Instructions and Procedures [AAC 335-1-1-.07] Announces a hearing to discuss proposed new and modified existing forms for compliance with state and federal laws. Proposed rules and summary of reasons are available for review. Hearing is scheduled for 05/11/2016 in Montgomery, Alabama.
AL040816-2	Vessels	03/31/2016	81 FR 18701 HTML PDF	Notice	U.S. Coast Guard Tonnage Regulations Amendments [46 CFR Part 69] Finalizes amendments to tonnage measurement regulations, including various technical and editorial clarifications. Tonnage regulations, as amended, apply to U.S. vessels for which regulatory applicability depends on the vessel's weight.
AL040816-3	Vessels Navigation	04/01/2016	81 FR 18749 HTML PDF	Notice	U.S. Coast Guard Drawbridge Operation Regulation; Tennessee River, Decatur, Alabama [33 CFR Part 117] Announces temporary deviation from the operating schedule for the Southern Railroad Drawbridge across the Tennessee River at mile marker 304.4 in Decatur, Alabama. Effective until 04/21/2016.
AL040816-4	Water Water Supply	03/27/2016	Public Notice #240	Notice Hearing	Alabama Department of Environmental Management Water Supply Program [AAC 335-7] Announces a meeting to discuss proposed revisions to water supply regulations, including: <ul style="list-style-type: none"> ▪ Clarification of the Total Coliform Rule ▪ Changes to the Consumer Confidence Rule and Public Water System Well Design requirements ▪ Administrative corrections Proposed rule text and summary of reasons are available for review. Hearing is scheduled for 05/13/2016 in Montgomery, Alabama.

2.1.1 2016 Annual Groundwater Conference

The Alabama Department of Environmental Management recently [announced](#) the 16th Annual Groundwater Conference, scheduled for 08 June 2016 in Montgomery, Alabama. The conference will provide participants with an opportunity to network with groundwater professionals and learn about new technologies related to groundwater protection and restoration. Registration is available [online](#).

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												
CA040816-1 ARC and JPL should be aware of this action.	Air SIP-NAAQS	04/01/2016	81 FR 18766 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Partial Approval and Partial Disapproval of Air Quality State Implementation Plans; California; Infrastructure Requirements for Ozone, Fine Particulate Matter (PM_{2.5}), Lead (Pb), Nitrogen Dioxide (NO₂), and Sulfur Dioxide (SO₂) [40 CFR Part 52]</p> <p>Finalizes the following actions:</p> <ul style="list-style-type: none"> Partially approves and partially disapproves SIP revisions for the implementation, maintenance, and enforcement of NAAQS for Ozone, PM_{2.5}, Pb, NO₂, and SO₂ Reclassifies certain regions of the state for emergency episode planning purposes Approves provisions addressing conflict of interest requirements in the SIP <p>Effective 05/02/2016.</p>												
CA040816-2	Air Vapor Recovery	03/30/2016	ARB Website	Notice	<p>California Air Resources Board</p> <p>One Year Extension for Balance Phase II EVR Systems</p> <p>Amends EOs VR-203-S and VR-204-S, which address balance phase II EVR systems, by extending the certification date to 04/01/2017.</p> <p>Vapor recovery systems recover gasoline vapors during the fueling of vehicles in a service station. Additional information is available on ARB's website.</p>												
CA040816-3	Air Vapor Recovery	04/07/2016	ARB Website	Final Rule	<p>California Air Resources Board</p> <p>Amended Versions of Certification Procedures</p> <p>Finalizes changes to the vapor recovery certification procedures, which:</p> <ul style="list-style-type: none"> Allow for the continued use of pre-EVR Phase I systems on some existing ASTs Provide performance standards and specifications for nozzles and hoses used at non-retail GDFs when refueling vehicles equipped with on-board refueling vapor recovery <p>Effective 04/01/2016.</p> <p>Additional information is available on ARB's website.</p>												
CA040816-4 Facilities that use isocyanates should be aware of this action.	Toxic Substances Diisocyanates	03/28/2016	OEHHA Website	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Adoption of Reference Exposure Levels for Toluene Diisocyanate and Methylene Diphenyl Diisocyanate</p> <p>Adopts the following RELs:</p> <table border="1"> <thead> <tr> <th>Averaging Period</th> <th>TDI</th> <th>MDI</th> </tr> </thead> <tbody> <tr> <td>1-hour acute REL</td> <td>2 µg/m³</td> <td>12 µg/m³</td> </tr> <tr> <td>8-hour REL</td> <td>0.015 µg/m³</td> <td>0.16 µg/m³</td> </tr> <tr> <td>Chronic REL</td> <td>0.008 µg/m³</td> <td>0.08 µg/m³</td> </tr> </tbody> </table> <p>Effective 03/28/2016.</p> <p>TDI and MDI are used in certain types of adhesives, coatings, foams, and other formulated materials, particularly polyurethanes.</p>	Averaging Period	TDI	MDI	1-hour acute REL	2 µg/m ³	12 µg/m ³	8-hour REL	0.015 µg/m ³	0.16 µg/m ³	Chronic REL	0.008 µg/m ³	0.08 µg/m ³
Averaging Period	TDI	MDI															
1-hour acute REL	2 µg/m ³	12 µg/m ³															
8-hour REL	0.015 µg/m ³	0.16 µg/m ³															
Chronic REL	0.008 µg/m ³	0.08 µg/m ³															
CA040816-5	Toxic Substances Proposition 65	04/01/2016	OEHHA Website	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Updated List of Safe Harbor Levels (NSRLs and MADLs) [27 CCR 25705, 25709, and 25805]</p> <p>Announces availability of the updated list of NSRLs for carcinogens and MADLs for chemicals causing reproductive toxicity.</p>												
CA040816-6	Toxic Substances Proposition 65	04/08/2016	CRNR 2016, 15z, p. 553	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Known to the State to Cause Cancer or Reproductive Toxicity: 04/08/2016</p> <p>Announces availability of the updated list of substances known to the state to cause cancer or reproductive toxicity.</p>												

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA040816-7	Toxic Substances Proposition 65 -BPA	04/01/2016	CRNR 2016, 14z, p. 488	Proposed Rule	Office of Environmental Health Hazard Assessment Maximum Allowable Dose Level for Bisphenol A (Dermal Exposure from Solid Materials) [27 CCR 25805(b)] Proposes to establish an MADL of 3 µg/day for dermal exposure to BPA from solid materials. Comments due 05/15/2016. BPA is widely used as a component of materials, including resins and coating formulations.
CA040816-8	Toxic Substances Proposition 65 -Ethylene Glycol	04/08/2016	CRNR 2016, 15z, p.546	Proposed Rule	Office of Environmental Health Hazard Assessment Specific Regulatory Levels: Chemicals Causing Reproductive Toxicity - Ethylene Glycol (Ingested) [27 CCR 25805] Proposes to establish an MADL for oral exposure to ethylene glycol of 8,700 µg/day. Comments due 05/23/2016. Ethylene glycol is commonly used in antifreeze and deicing fluids, heat transfer fluids, and in the manufacture of polymers and resins.. Additional information is available on OEHHA's website.
CA040816-9	Water	03/23/2016	SWRCB Website	Notice Workshop	State Water Resources Control Board Urban Water Conservation Announces a workshop to receive input on potential modification to the current Emergency Regulation for Statewide Urban Water Conservation . Workshop is scheduled for 04/20/2016 in Sacramento, California. Comments due 04/14/2016.

2.2.1 HARP2 Software Updated

On 28 March 2016, the California Air Resources Board (ARB) [released](#) a new version of the Hot Spots Analysis and Reporting Program (HARP2), which incorporates new Reference Exposure Levels (RELs) for toluene diisocyanate isomers and methylene diphenyl diisocyanate (see item CA040816-4 in Section 2.2). The HARP2 Risk Assessment Standalone Tool, HARP2 Emission Inventory Module, and Consolidated Table of Office of Environmental Health Hazard Assessment/ARB Approved Risk Assessment Health Values were also updated with the new RELs. Additional information is available on ARB's [website](#).

2.2.2 California Air Districts Regulatory Review

2.2.2.1 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](#).

2.2.2.2 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](#).

2.2.2.3 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](#).

2.2.2.4 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
CAM040816-1	Air	04/07/2016	MDAQMD Website	Proposed Rule Hearing	<p>Mojave Desert Air Quality Management District Amendment of Rule 219 – Equipment Not Requiring a Permit</p> <p>Proposes amendments to Rule 219 regarding equipment not requiring a permit. Amendments would:</p> <ul style="list-style-type: none"> ▪ Clarify exemption of combustion sources used in steam cleaning operations ▪ Modify the exemption for welding to reflect federal requirements for metal fabrication and finishing area source categories ▪ Amend abrasive blasting requirements to include portable sand/water blasters meeting certain requirements ▪ Modify permitting requirements for spray coating equipment to account for the properties of high viscosity coatings <p>Hearing scheduled for 05/23/2016 in Victorville, California. Comments due 05/20/2016.</p> <p>Additional information and proposed rule text available in Draft Staff Report.</p>

2.2.2.5 South Coast Air Quality Management District

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

2.2.2.6 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
CAV040816-1	Air NO _x	03/31/2016	VCAPCD Website	Proposed Rule Workshop	<p>Ventura County Air Pollution Control District Proposed New Rule 74.34, NO_x Reductions from Miscellaneous Sources</p> <p>Proposes Rule 74.34, which is intended to reduce NO_x emissions from dryers, furnaces, heaters, incinerators, kilns, ovens, and duct burners. The proposed rule would:</p> <ul style="list-style-type: none"> ▪ Establish NO_x limits for existing units, based upon source category and process temperature ▪ Require equipment retrofit or retirement of NO_x ERCs to meet NO_x limits ▪ Require emission source testing every 48 months ▪ Require annual emission screenings ▪ Establish exemptions for VOC emission control devices ▪ Establish exemptions for gas flares, standby units, and external combustion equipment subject to Rule 74.15 <p>Workshop is scheduled for 05/12/2016 in Ventura, California.</p> <p>Additional information is available in the Draft Staff Report.</p>

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
FL040816-1	Radiation	04/07/2016	FAR Notice #17391147	Proposed Rule	Department of Health Control of Radiation Hazards [Chapter 64E-5, F.A.C.] Announces proposed updates to rule language for: <ul style="list-style-type: none"> Requirements and procedures for radon measurement Mitigation Personnel and business certification Reporting requirements
FL040816-2	Recreation	04/04/2016	FAR Notice #17375821	Notice	Department of Environmental Protection Recreational Trails Program Grant Application Announces a grant application submission period for the RTP. Applications due 04/29/2016. A recreational trail is a thoroughfare across land or water, used for recreational purposes. Proposed RTP projects must be on public lands owned by the applicant. A site not owned by the applicant shall be under the applicant's or government's control by a 99-year lease or similar control.
FL040816-3	Transportation Railroads	04/05/2016	81 FR 19705 HTML PDF	Notice	Federal Railroad Administration FY 2016 Railroad Safety Technology Grant Funds Announces application requirements and procedures for obtaining funding for Railroad Safety Technology Grant projects. Applications due 05/20/2016. Eligible projects are limited to those that implement or benefit a PTC system. Additional information is available on FRA's website.
FL040816-4	Water Wells	03/31/2016	FAR Notice #17362920	Proposed Rule	St. John's River Water Management District Water Wells [Chapter 62-3, F.A.C.] Proposes the following changes: <ul style="list-style-type: none"> Update references to FDEP rules and forms Delete unnecessary definitions Clarify existing rules Authorize issuance of a single permit to construct, repair, or abandon certain types of multiple well systems Exempt from permitting certain types of small wells constructed to shallow depths that are used for a short duration to obtain shallow soil or water information Comments due 04/21/2016.

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
MD040816-1	Administrative	04/01/2016	42:7 Md.R. 455	Notice	Department of the Environment Accreditation and Training for Lead Paint Abatement Services [COMAR 26.16.01] Announces withdrawal of a proposed rule (42:2 Md.R. 254-264 , 01/23/2015) to incorporate accreditation and training standards to be consistent with federal regulations.

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
NM040816-1	Water	04/01/2016	Notice	Notice Meeting	Water Quality Control Commission Public Meeting Announces that the meeting scheduled for 04/12/2016 has been cancelled and the next WQCC meeting is scheduled for 5/10/2016.

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
OH040816-1	Air Title V	03/30/2016	OEPA Public Notice	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency NASA Glenn Research Center Title V Minor Permit Modification Announces receipt of GRC's Title V minor permit modification for source P009.
OH040816-2	Water Quality	04/06/2016	DSW-Rules and Laws	Proposed Rule	Division of Surface Water, Ohio Environmental Protection Agency Water Quality Standards [OAC 3745-1] Proposes amendments to water quality standards, including revisions to antidegradation requirements. Comments due 05/06/2016. Standards include water quality standards for the Cuyahoga River drainage basin and the Lake Erie drainage basin.
OH040816-3	Water Wells	03/28/2016	DDAGW-Rules and Laws	Proposed Rule	Division of Drinking and Ground Waters, Ohio Environmental Protection Agency Water Well Standards [OAC 3745-9 and 3745-91] Proposes amendments to monitoring and public well standards and plan approval rules. Comments due 04/29/2016. Standards apply to new and existing wells, well siting and construction criteria, pumping rates, well sampling parameters, and well sealing requirements.

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
TX040816-1 EPFOL should be aware of this action.	Emergency Planning	04/01/2016	81 FR 18868 HTML PDF	Notice	Federal Emergency Management Agency Changes in Flood Hazard Determinations Finalizes modifications to flood hazard determinations for various locations, including El Paso County, Texas . Effective 02/05/2016. 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.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
TX040816-2 EPFOL should be aware of this action.	Emergency Planning	04/04/2016	81 FR 19224 HTML PDF	Notice	Federal Emergency Management Agency Changes in Flood Hazard Determinations Announces additions or modifications to the flood hazard determinations for various locations, including El Paso County, Texas . Effective 06/09/2016. 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.

2.9.1 Houston-Galveston-Brazoria Area Redesignation Substitute SIP Revision

On 07 April 2016, the Texas Commission on Environmental Quality (TCEQ) announced the consideration of the Houston-Galveston-Brazoria (HGB) Redesignation Substitute State Implementation Plan (SIP) revision for adoption. The revision would satisfy anti-backsliding obligations for the revoked 1997 8-hour Ozone National Ambient Air Quality Standard and ensure that the HGB area meets the redesignation requirements. Additional information is available on TCEQ's [website](#).

2.10 Utah State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
UT040816-1	Waste Hazardous Waste	04/01/2016	UT Bull. Vol 2016-07, p. 65	Final Rule	Utah Department of Environmental Quality; Division of Waste Management and Radiation Control Cleanup Action and Risk-Based Closure Standards [R315-101] Announces the 5-year review and statement of continuation of risk-based cleanup standards applicable to owners of property where hazardous materials are released to the environment. Effective 03/10/2016.
UT040816-2	Waste Hazardous Waste	04/01/2016	UT Bull. Vol 2016-07, p. 66	Final Rule	Utah Department of Environmental Quality; Division of Waste Management and Radiation Control Penalty Policy [R315-102] Announces the 5-year review and statement of continuation of penalty policies for violators of hazardous waste management rules. Effective 03/10/2016.
UT040816-3	Waste Used Oil	04/01/2016	UT Bull. Vol 2016-07, p. 63	Final Rule	Utah Department of Environmental Quality; Division of Waste Management and Radiation Control Standards for the Management of Used Oil [R315-55] Announces the 5-year review of used oil management rules and informs the public that the current rule will be adopted unchanged for another 5 years. Effective 03/10/2016.

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
VA040816-1	Infrastructure Impounding Structures	03/27/2016	Virginia Town Hall Website	Notice	Virginia Department of Conservation and Recreation Guidance Document on New Probable Maximum Precipitation (PMP) Implementation Announces availability of a guidance document for updating plans and documentation to reflect new PMP values.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA040816-2	Waste Hazardous Waste	04/04/2016	32:16 VA.R. 2313	Notice	<p>Virginia Waste Management Board, Virginia Department of Environmental Quality</p> <p>Schedule of Fees for Hazardous Waste Facility Site Certification [9VAC20-20], Technical Assistance Fund Administrative Procedures [9VAC20-30], Administrative Procedures for Hazardous Waste Facility Siting Criteria [9VAC20-40], and Hazardous Waste Facility Siting Criteria [9VAC20-50]</p> <p>Announces periodic review to determine whether regulations should be repealed, amended, or retained in their current form. Comments due 04/25/2016.</p>
VA040816-3	Water TMDL	04/04/2016	32:16 VA.R. 2310	Notice	<p>Virginia Department of Environmental Quality</p> <p>List of Impaired Waters Prioritized for TMDL or TMDL Alternative Development for 2016-2022</p> <p>Solicits comments on the revised list of impaired waters prioritized for TMDL or TMDL alternative development for CY 2016 through CY 2022. Comments due 05/04/2016.</p>
VA040816-4	Water TMDL	04/04/2016	32:16 VA.R. 2310-2313	Notice	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Water Quality Management Planning Regulation [9VAC25-720]</p> <p>Solicits comments on amendments that would:</p> <ul style="list-style-type: none"> ▪ Adopt 31 new TMDL WLAs, including the Chesapeake Bay-Small Coastal-Eastern Shore River Basin ▪ Replace two TMDL WLAs with revised values ▪ Correct editorial errors <p>Comments due 05/04/2016.</p>