



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

03 June 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/>.

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Acronyms and Abbreviations

ARB = Air Resources Board	OAC = Ohio Administrative Code
ARC = Ames Research Center	ODS = Ozone-depleting substance
AST = Aboveground Storage Tank	OEHHA = Office of Environmental Health Hazard Assessment
CCR = California Code of Regulations	OEPA = Ohio Environmental Protection Agency
CFR = <i>Code of Federal Regulations</i>	OSHAB = Occupational Safety and Health Appeals Board
CO ₂ = Carbon dioxide	OSTP = Office of Science and Technology Policy
CRNR = <i>California Regulatory Notice Register</i>	PFOA = Perfluorooctanoic acid
DAPC = Division of Air Pollution Control	PFOS = Perfluorooctane sulfonate
DDAGW = Division of Drinking and Ground Waters	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DOE = U.S. Department of Energy	PPA = Pollution Prevention Act
DSW = Division of Surface Water	ppt = Part(s) per trillion
EIR = Environmental Impact Report	PSD = Prevention of Significant Deterioration
EIS = Environmental Impact Statement	R = Refrigerant
EJ = Environmental Justice	RIN = Regulatory Identification Number
EO = Executive Order	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EPA = U.S. Environmental Protection Agency	RRR = Retrospective Regulatory Review
EPCRA = Emergency Planning and Community Right-to- Know Act	SBSP = South Bay Salt Pond
ESA = Endangered Species Act	SERC = State Emergency Response Commission
FAR = Federal Acquisition Regulation; <i>Florida Administrative Register</i>	SIP = State Implementation Plan
FEMP = Federal Energy Management Program	SJRWMD = St. John's River Water Management District
FR = <i>Federal Register</i>	SNAP = Significant New Alternatives Policy
GHG = Greenhouse gas	SO ₂ = Sulfur dioxide
GHS = Globally Harmonized System	SWCB = State Water Control Board
gpd = gallons per day	UN = United Nations
HAB = Harmful algal bloom	UNSCEGHS = United Nations Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals
HBCD = Hexabromocyclododecane	UNSCOE TDG = United Nations Sub-Committee of Experts on the Transport of Dangerous Goods
HFO = Hydrofluoroolefin	U.S. = United States
HGB = Houston-Galveston-Brazoria	USACE = U.S. Army Corps of Engineers
HMR = Hazardous Materials Regulations	UT = Utah
hp = horsepower	VAC = Virginia Administrative Code
LaRC = Langley Research Center	VA.R. = <i>Virginia Register</i>
LSI = Large spark-ignition	VDEQ = Virginia Department of Environmental Quality
MDAQMD = Mojave Desert Air Quality Management District	VPDES = Virginia Pollutant Discharge Elimination System
MS = Mississippi	WFF = Wallops Flight Facility
NAAQS = National Ambient Air Quality Standards	WLA = Wasteload allocation
NASA = National Aeronautics and Space Administration	WQCC = Water Quality Control Commission
NEPA = National Environmental Policy Act	WQS = Water quality standard
NNSR = Nonattainment New Source Review	
NO ₂ = Nitrogen dioxide	
NO _x = Nitrogen oxides	
NPDES = National Pollutant Discharge Elimination System	
NPS = National Park Service	
NSR = New Source Review	
NWP = Nationwide Permi	

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
FED060316-1	Air ODS	05/23/2016	81 FR 32241 HTML PDF	Final Rule	U.S. Environmental Protection Agency Protection of Stratospheric Ozone: Determination 31 for Significant New Alternatives Policy Program [40 CFR Part 82] Finalizes listing the following refrigerants as acceptable substitutes in certain refrigeration and air conditioning applications under the SNAP program: <ul style="list-style-type: none"> ▪ Carbon dioxide ▪ HFO-1336mzz(Z) ▪ HFO-1336mzz(Z)/trans-1,2-dichloroethylene blend ▪ R-513A Effective 05/23/2016. [RIN 2060-AG12]
FED060316-2	Climate Change GHGs	05/25/2016	81 FR 33192 HTML PDF	Proposed Rule	General Services Administration Federal Acquisition Regulation: Public Disclosure of Greenhouse Gas Emissions and Reduction Goals-Representation (FAR Case 2015-024) [48 CFR Parts 1, 4, 23, and 52] Proposes to amend the FAR to provide information on GHG management practices of federal government suppliers. Comments due 07/25/2016. [RIN 9000-AN20] Proposed rule is intended to assist agencies in developing strategies to reduce supply chain emissions, as directed in EO 13693.
FED060316-3	Energy	06/01/2016	81 FR 35005 HTML PDF	Notice Meeting	U.S. Department of Energy Notice of Meeting on DOE Wind Energy Environmental Research Strategy Announces a meeting to discuss DOE's draft wind energy environmental research strategy. Meeting is scheduled for 07/24/2016 in Boulder, Colorado.
FED060316-4	Hazardous Materials Transportation	05/26/2016	81 FR 33554 HTML PDF	Notice Meeting	Occupational Safety and Health Administration Preparations for the 31st Session of the UN Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS) Announces a meeting to discuss GHS-related issues to be considered in an upcoming session of the UNSCEGHS. Meeting is scheduled for 06/14/2016 in Washington, D.C. and will be available via teleconference and online conference.
FED060316-5	Hazardous Materials Transportation	05/26/2016	81 FR 34434 HTML PDF	Notice Meeting	Pipeline and Hazardous Materials Safety Administration International Standards on the Transport of Dangerous Goods Announces a meeting to discuss positions related to harmonizing regulations on hazardous materials transport prior to an upcoming session of the UNSCOE TDG. Meeting is scheduled for 06/14/2016 in Washington, D.C. and will be available via teleconference and online conference.
FED060316-6	Hazardous Materials Transportation	05/27/2016	81 FR 33602 HTML PDF	Final Rule Correction	Pipeline and Hazardous Materials Safety Administration Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, Training Requirements, and Security Plans [49 CFR Part 172] Finalizes CFR corrections to reinstate the following entries in the Hazardous Materials Table: <ul style="list-style-type: none"> ▪ "Cyanuric triazide" ▪ "Dinitrosobenzylamide and salts of (dry)" ▪ "Power device, explosive, see Cartridges, power device"

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED060316-7	Hazardous Material Transportation	06/02/2016	81 FR 35483 HTML PDF	Final Rule	<p>Pipeline and Hazardous Materials Safety Administration</p> <p>Hazardous Materials: Miscellaneous Amendments (RRR) [49 CFR Parts 107, 171-173, 175-180]</p> <p>Finalizes revisions to the HMR, including:</p> <ul style="list-style-type: none"> Removing the packing group II designation for certain organic peroxides, self-reactive substances, and Class 1 explosives Incorporating requirements for trailers of manifolded acetylene cylinders Providing requirements to allow for shipments of damaged wet electric storage batteries Revising requirements for packaging nitric acid Revising requirements for testing pressure relief devices on cargo tanks <p>Effective 07/05/2016. [RIN 2137-AF04]</p>
FED060316-8	Species	05/26/2016	81 FR 33416 HTML PDF	Final Rule	<p>National Oceanic and Atmospheric Administration</p> <p>Endangered and Threatened Species: Designation of Experimental Populations Under the Endangered Species Act [50 CFR Part 222]</p> <p>Finalizes amendments to ESA regulations related to experimental populations, including:</p> <ul style="list-style-type: none"> Establishing definitions and procedures for designating certain populations as experimental Determining whether experimental populations are "essential" or "nonessential" Promulgating appropriate protective measures for experimental populations <p>Effective 06/27/2016. [RIN 0648-BE43]</p>
FED060316-9	Technology	06/02/2016	81 FR 35398 HTML PDF	Notice	<p>Office of Science and Technology Policy</p> <p>Request for Information on the Development of the 2017 National Plan for Civil Earth Observations</p> <p>Solicits recommendations for development of the 2017 National Plan for Civil Earth Observations. Comments due 07/01/2016.</p> <p>The purpose of the plan is to establish priorities and supporting actions for advancing civil earth observation capabilities. Additional information is available on OSTP's website.</p>
FED060316-10	Toxic Substances HBCD	06/02/2016	81 FR 35275 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Addition of Hexabromocyclododecane (HBCD) Category; Community Right-to-Know Toxic Chemical Release Reporting [40 CFR Part 372]</p> <p>Proposes to add HBCD to the list of chemicals subject to reporting under EPCRA Section 313 and PPA Section 6607. Comments due 08/01/2016. [RIN 2025-AA42]</p>
FED060316-11	Water Drinking Water	05/25/2016	81 FR 33250 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Lifetime Health Advisories and Health Effects Support Documents for Perfluorooctanoic Acid and Perfluorooctane Sulfonate</p> <p>Announces availability of health advisories for lifetime exposure to PFOA and PFOS in drinking water.</p> <p>Advisories suggest that a level of 70 ppt may be a safe concentration for lifetime exposures to PFOA and PFOS. Additional information is available on EPA's website.</p>
FED060316-12	Water Permits	06/01/2016	81 FR 35185 HTML PDF	Proposed Rule	<p>U.S. Army Corps of Engineers</p> <p>Proposal to Reissue and Modify Nationwide Permits [33 CFR Chapter II]</p> <p>Proposes two new NWPs related to the following activities:</p> <ul style="list-style-type: none"> Removal of low-head dams for river restoration and public safety Construction and maintenance of living shorelines for shore erosion control <p>Also proposes to revise and reissue existing NWPs that expire in 2017. Comments due 08/01/2016. [RIN 0710-AA73]</p> <p>NWPs are issued to authorize activities expected to have minimal adverse effects on the environment. Additional information is available on USACE's website.</p>

1.2 Other News and Development

1.2.1 NASA Studies Show Greening of Arctic Region

NASA recently [announced](#) the results of a study detailing changes in plant life across Alaska and Canada. Using updated sensor technology on NASA and U.S. Geological Survey Program satellites, over 87,000 images were converted into data that show the amount of healthy vegetation on the Earth's surface. Imagery dating from 1984 to the present suggests that of the more than 4 million square miles of imagery studied, 30 percent had increases in vegetation while only 3 percent had decreases. Advancements in sensor technology have allowed researchers and scientists to better understand climate impacts to the region at the microclimate level.

1.2.2 NASA Satellite Identifies Unreported Sources of Air Pollution

NASA recently [released](#) the results of a joint study conducted by scientists from NASA, Environment and Climate Change Canada, and two universities. The study used new satellite technology to identify 39 previously unreported sources of anthropogenic sulfur dioxide (SO₂) emissions. The recently announced findings suggest that the emissions contribute to approximately 12 percent of all manmade SO₂ air pollution. The satellites also located 75 natural sources of SO₂, most of which previously were unmonitored. Continued use of this satellite technology is expected to improve the ability to track global air pollution sources and decrease discrepancies between reported and actual sources, thereby improving the accuracy of emission estimates.

1.2.3 FEMP Sustainable Federal Buildings Guidance Documents

The Federal Energy Management Program (FEMP) recently made [available](#) several guidance documents to highlight the differences between the [2008](#) and [2016](#) versions of the "Guiding Principles for Sustainable Federal Buildings," and assist in evaluating compliance with the Guiding Principles. The following documents are available:

- [2016 Guiding Principles for Sustainable Federal Buildings Updates Crosswalk: Existing Buildings](#)
- [2016 Guiding Principles for Sustainable Federal Buildings Updates Crosswalk: New Construction and Modernization](#)
- [Determining Compliance with the Guiding Principles for Sustainable Federal Buildings](#)

1.2.4 Draft EJ 2020 Action Agenda

On 23 May 2016, the U.S. Environmental Protection Agency (EPA) released the "[Draft Environmental Justice \(EJ\) 2020 Action Agenda](#)." The 5-year action plan builds upon the EJ 2014 Plan and is intended to bolster and expand EJ programs and their impacts. Comments are due by 07 July 2016. Additional information is available on EPA's [website](#).

1.2.5 Air Research Centers Funding

EPA recently [announced](#) plans to provide \$30 million in funding to create air research centers at Carnegie Mellon, Harvard, and Yale Universities to identify regional differences in air pollution, as well as advance knowledge of global climate change and technology impacts on air quality and health. 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 June 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

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

2.2 California State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA060316-1	Air	06/03/2016	CRNR 2016, 23z, p. 930	Proposed Rule Hearing	<p>California Air Resources Board</p> <p>Proposed Amendments to the Off-Road Large Spark-Ignition Fleet Regulation [13 CCR 2775 and 2775.1-2775.2]</p> <p>Proposes amendments to LSI Fleet Regulation, which focuses on reducing emissions and record keeping for equipment rated greater than 25 hp, including:</p> <ul style="list-style-type: none"> ▪ Forklifts ▪ Sweepers/scrubbers ▪ Industrial tow tractors ▪ Airport ground support equipment <p>Hearing is scheduled for 07/21/2016 in Sacramento, California. Comments due 07/18/2016.</p> <p>Additional information is available on ARB's website.</p>
CA060316-2 ARC should be aware of this action.	Natural Resources NEPA	06/03/2016	81 FR 35790 HTML PDF	Notice	<p>U.S. Fish and Wildlife Service</p> <p>South Bay Salt Pond Restoration Project, Phase 2; Don Edwards National Wildlife Refuge; Final Environmental Impact Statement/Environmental Impact Report</p> <p>Announces availability of the final EIS/EIR for Phase 2 of the SBSP Restoration Project, which describes and analyzes the alternatives identified for Phase 2 for the Project.</p> <p>Locations included in the Project may border ARC. Additional information is available on the Project's website.</p>
CA060316-3	Occupational Safety	05/27/2016	CRNR 2016, 22z, p. 913	Final Rule	<p>Occupational Safety and Health Appeals Board</p> <p>OSHAB Stay of Abatement Regulations [8 CCR 362, 364, and 364.1]</p> <p>Finalizes updates to OSHAB's Rules of Practice and Procedure regarding the extent of a stay of a citation and abatement order during the pendency of an appeal before OSHAB. Effective 07/01/2016.</p> <p>OSHAB handles appeals from employers regarding citations issued by the Division of Occupational Safety and Health for alleged violation of workplace safety and health laws and regulations.</p>
CA060316-4 Goldstone should be aware of this action.	Species	05/27/2016	81 FR 33698 HTML PDF	Notice	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Initiation of 5-Year Status Reviews of 21 Species in the Mountain-Prairie Region</p> <p>Announces the 5-year status reviews for several threatened or endangered species, including the Colorado pikeminnow. Comments due 07/26/2016.</p> <p>The Colorado pikeminnow's habitat includes San Bernardino County, California.</p>
CA060316-5	Toxic Substances Proposition 65–Bromodichloroacetic Acid	05/27/2016	CRNR 2016, 22z, p. 907	Proposed Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Notice of Intent to List Bromodichloroacetic Acid [27 CCR 25306]</p> <p>Proposes to list bromodichloroacetic acid as known to the state to cause cancer under the authoritative bodies listing mechanism. Comments due 06/27/2016.</p> <p>Bromodichloroacetic acid can form as a byproduct of chlorine disinfection in water containing natural organic matter and bromide. Additional information is available on OEHA's website.</p>

2.2.1 California Air Districts Regulatory Review

2.2.1.1 Antelope Valley Air Quality Management District

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

2.2.1.2 Bay Area Air Quality Management District

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

2.2.1.3 Eastern Kern Air Pollution Control District

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

2.2.1.4 Mojave Desert Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAM060316-1	Air Permitting	05/31/2016	MDAQMD Website	Proposed Rule Hearing	<p>Mojave Desert Air Quality Management District</p> <p>Amendment of Regulation XIII and new Rule 1600- Prevention of Significant Deterioration</p> <p>Proposes amendments to Rule 1300, Rule 1302, and Rule 1320 and adoption of new Rule 1600 to:</p> <ul style="list-style-type: none"> ▪ Allow EPA to delegate PSD permitting authority to MDAQMD ▪ Revise NNSR requirements to align with EPA regulations ▪ Allow MDAQMD to request enhanced NSR designation <p>Hearing is scheduled for 06/27/2016 in Victorville, California. Comments due 06/27/2016.</p> <p>Additional information is available in the Draft Staff Report.</p>

2.2.1.5 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](#).

2.2.1.6 Ventura County Air Pollution Control District

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

2.3 Florida State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
FL060316-1	Natural Resources Coastal Management Program	05/31/2016	81 FR 34313 HTML PDF	Notice	<p>National Oceanic and Atmospheric Administration</p> <p>Evaluations of National Estuarine Research Reserves and Coastal Management Programs</p> <p>Announces availability of final evaluation findings for the Florida Coastal Management Program.</p> <p>The state was found to be implementing and enforcing the program and addressing previously identified management objectives.</p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
FL060316-2	Water SJRWMD	06/02/2016	FAR Notice #17593877	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 06/14/2016 in Palatka, Florida.

2.4 Louisiana State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
LA060316-1	Air SIP	06/03/2016	81 FR 35674 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Louisiana; Infrastructure State Implementation Plan Requirements for the National Ambient Air Quality Standards [40 CFR Part 52] Proposes to approve multiple elements of SIP submissions related to infrastructure requirements for the 2006 PM _{2.5} , 2008 Lead, 2008 Ozone, 2010 NO ₂ , 2010 SO ₂ , and 2012 PM _{2.5} NAAQS. Comments due 07/05/2016.
LA060316-2	Restricted Waters	06/03/2016	81 FR 35671 HTML PDF	Proposed Rule	U.S. Coast Guard Safety Zones; Safety Zones Within the Captain of the Port New Orleans Zone; New Orleans to Baton Rouge, Louisiana [33 CFR Part 165] Proposes to establish temporary safety zones for multiple locations and dates within the Captain of the Port New Orleans Zone. Comments due 06/20/2016. [RIN 1625-AA00]

2.5 Maryland State Regulatory Review

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

2.6 Mississippi State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
MS060316-1	Air SIP	05/24/2016	81 FR 32707 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Air Plan Approval/Disapproval; Mississippi Infrastructure Requirements for the 2010 Nitrogen Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Proposes to approve SIP revisions related to infrastructure requirements for the 2010 1-hour NO ₂ NAAQS. Comments due 06/23/2016.
MS060316-2	Air SIP	05/25/2016	81 FR 33139 HTML PDF	Final Rule	U.S. Environmental Protection Agency Air Plan Disapprovals; MS; Prong 4-2008 Ozone, 2010 NO ₂ , SO ₂ , and 2012 PM _{2.5} [40 CFR Part 52] Finalizes disapproval of SIP revisions related to the visibility transport (Prong 4) portions for the following NAAQS: <ul style="list-style-type: none"> ▪ 2008 8-hour Ozone ▪ 2010 1-hour NO₂ ▪ 2010 1-hour SO₂ ▪ 2012 annual PM_{2.5} Effective 06/24/2016.

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
NM060316-1	Air SIP	05/23/2016	81 FR 32239 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Arkansas; New Mexico; Oklahoma; Disapproval of Greenhouse Gas Biomass Deferral, Step 2 and Minor Source Permitting Requirements [40 CFR Part 52] Finalizes disapproval of SIP revisions related to deferral of PSD requirements for CO ₂ emissions from bioenergy and other biogenic sources. Effective 06/22/2016.
NM060316-2	Water	06/02/2016	WQCC	Notice Meeting	Water Quality Control Commission Notice for Public Hearing for the Water Quality Control Commission Announces a meeting of the WQCC scheduled for 06/14/2016 in Santa Fe, New Mexico. Agenda is available on WQCC's website.

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
OH060316-1	Hazardous Materials	05/31/2016	DAPC-What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency State Emergency Response Commission Program Rules [OAC 3750-15, 3750-25, 3750-30, and 3750-50] Solicits comments, as part of a 5-year review, on SERC rules related to requirements for reporting onsite storage of hazardous materials to state and local agencies. Comments due 07/01/2016.
OH060316-2	Water HABs	06/03/2016	81 FR 35747 HTML PDF	Notice	National Oceanic and Atmospheric Administration Interagency Working Group on the Harmful Algal Bloom and Hypoxia Research and Control Amendments Act Announces availability of a detailed outline summarizing the intent of the Great Lakes Plan on HABs and hypoxia and the document " HABs and Hypoxia Comprehensive Research Plan and Action Strategy: An Interagency Report. "
OH969316-3	Water Water Quality	05/25/2016	DSW Rules and Laws	Notice	Division of Surface Water, Ohio Environmental Protection Agency Implementation of Water Quality Standards [OAC 3745-2] Solicits comments on rules related to the implementation of WQSs. Potential revisions include: <ul style="list-style-type: none"> ▪ Updating references, citations, formatting, and definitions ▪ Clarifying dissolved oxygen modeling ▪ Updating non-conservative parameters ▪ Adding new language to allow for alternate statistical techniques Comments due 06/27/2016. The rules provide the procedures for OEPA to convert WQSs into WLAs for NPDES permits.
OH969316-4	Water Wells	06/03/2016	DDAGW-Rules and Laws	Final Rule	Division of Drinking and Ground Waters, Ohio Environmental Protection Agency Water Well Standards [OAC 3745-9 and 3745-91] Finalizes amendments to monitoring and public well standards and to plan approval rules. Effective 06/13/2016. 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
TX060316-1	Air NAAQS-Ozone	05/25/2016	81 FR 33166 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Clean Air Act Redesignation Substitute for the Houston-Galveston-Brazoria 1997 8-hour Ozone Nonattainment Area; Texas [40 CFR Parts 52 and 81] Proposes to approve a redesignation substitute and finding of attainment for the 1997 8-hour Ozone NAAQS for the HGB area. Comments due 06/24/2016.

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
UT060316-1	Air	06/01/2016	UT Bull. Vol 2016-11, p. 23	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Version of Code of Federal Regulations Incorporated by Reference [R307-101-3] Proposes to incorporate updated federal regulations. Comments due 07/01/2016.
UT060316-2	Air	06/01/2016	UT Bull. Vol 2016-11, p. 24	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality Stationary Sources [R307-210] Proposes to incorporate updated federal regulations. Comments due 07/01/2016.
UT060316-3	Air	06/01/2016	UT Bull. Vol 2016-11, p. 25	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality National Emission Standards for Hazardous Air Pollutants [R307-214] Proposes to incorporate updated federal regulations. Comments due 07/01/2016.
UT060316-4	Air	06/01/2016	UT Bull. Vol 2016-11, p. 63	Notice	Utah Department of Environmental Quality; Division of Air Quality Stationary Sources [R307-210] Announces the review and statement of continuation for Utah's Stationary Source rule. Effective 05/12/2016.
UT060316-5	Air Emissions	06/01/2016	UT Bull. Vol 2016-11, p. 67	Notice	Utah Department of Environmental Quality; Division of Air Quality NO _x Emission Limits for Natural Gas-Fired Water Heaters [R307-230] Announces the rule was not reauthorized by the state legislature and will be removed from the Utah Administrative Code. Effective 05/10/2016.

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
VA060316-1	Natural Resources	05/27/2016	81 FR 33704 HTML PDF	Notice	U.S. Department of the Interior Selection of the Route of the Captain John Smith Chesapeake National Historic Trails Announces selection of the route of the Captain John Smith Chesapeake National Historic Trail. The network of trails is located throughout the Chesapeake Bay Watershed, near LaRC and WFF. Additional information is available on the NPS website.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA060316-2	Species Atlantic Sturgeon	06/03/2016	81 FR 35701 HTML PDF	Proposed Rule Meeting	National Oceanic and Atmospheric Administration, U.S. Department of Commerce Endangered and Threatened Species; Designation of Critical Habitat for the Gulf of Maine, New York Bight, and Chesapeake Bay Distinct Population Segments of Atlantic Sturgeon [50 CFR Part 226] Proposes to designate critical habitat for the Atlantic Sturgeon in the waters of Virginia, including the Chesapeake Bay. Meetings to discuss the proposal have been scheduled, including one on 07/13/2016 in Annapolis, Maryland. Comments due 09/01/2016. [RIN 0648-BF28]
VA060316-3	Storage Tanks	06/02/2016	Virginia Town Hall Website	Notice	Virginia Department of Environmental Quality Facility and Aboveground Storage Tank (AST) Regulations [9VAC25-91], Underground Storage Tanks: Technical Standards and Corrective Action Requirements [9VAC25-580] Announces availability of Amendment 3 of the Storage Tank Program Quality Management Plan, which replaces Amendment 2 of the Plan.
VA060316-4	Storage Tanks	06/02/2016	Virginia Town Hall Website	Notice	Virginia Department of Environmental Quality Facility and Aboveground Storage Tank (AST) Regulations [9VAC25-91], General Virginia Pollutant Discharge Elimination System (VPDES) Permit Regulation for Discharges of Petroleum from Petroleum-Contaminated Sites, Groundwater Remediation, and Hydrostatic Tests [9VAC25-120], Underground Storage Tanks: Technical Standards and Corrective Action Requirements [9VAC25-580] Announces availability of Volume 1 of the fifth edition of VDEQ's Storage Tank Manual, which replaces Chapter 1 of the fourth edition.
VA060316-5	Water VPDES	05/30/2016	32:20 VA.R. 2472	Notice	State Water Control Board, Virginia Department of Environmental Quality General Virginia Pollutant Discharge Elimination System (VPDES) Permit Regulation for Discharges of Petroleum from Petroleum-Contaminated Sites, Groundwater Remediation, and Hydrostatic Tests [9VAC25-120] Announces SWCB consideration of amendments and periodic review of the general VPDES permit for discharges of petroleum from petroleum-contaminated sites, groundwater remediation, and hydrostatic tests. Comments due 06/29/2016.
VA060316-6	Water VPDES	05/30/2016	32:20 VA.R. 2472	Notice	State Water Control Board, Virginia Department of Environmental Quality General Virginia Pollutant Discharge Elimination System (VPDES) Permit Regulation for Noncontact Cooling Water Discharges of 50,000 Gallons per Day or Less [9VAC25-120] Announces SWCB consideration of amendments and periodic review of the general VPDES permit for noncontact cooling water discharges of 50,000 gpd or less. Comments due 06/29/2016.