



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

12 February 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

1-BP = 1-Bromopropane (n-propylbromide)	Md.R. = <i>Maryland Register</i>
ANSI = American National Standards Institute	MS4 = Municipal Separate Storm Sewer Systems
ARB = Air Resources Board	NAAQS = National Ambient Air Quality Standards
ARC = Ames Research Center	NAEP = National Association of Environmental Professionals
BAAQMD = Bay Area Air Quality Management District	NASA = National Aeronautics and Space Administration
BARCT = Best Available Retrofit Control Technology	NESHAP = National Emission Standards for Hazardous Air Pollutants
BEACH = Beaches Environmental Assessment and Coastal Health	NNI = National Nanotechnology Initiative
C&D = Construction and Demolition	NO ₂ = Nitrogen dioxide
CAS = Chemical Abstract Service	NO _x = Nitrogen oxides
CASAC = Clean Air Scientific Advisory Committee	nPB = n-propyl bromide (1-bromopropane)
CCR = <i>California Code of Regulations</i>	NPDES = National Pollutant Discharge Elimination System
CCIWG = Carbon Cycle Interagency Working Group	NRC = U.S. Nuclear Regulatory Commission
CFR = <i>Code of Federal Regulations</i>	NSPS = New Source Performance Standards
CO ₂ = Carbon dioxide	OAC = Ohio Administrative Code
COMAR = <i>Code of Maryland Regulations</i>	ODS = Ozone-depleting substance
CRNR = California Regulatory Notice Register	R&D = Research and development
CWA = Clean Water Act	RACT = Reasonably available control technology
CY = Calendar year	RATA = Relative Accuracy Test Audit
DAPC = Division of Air Pollution Control	RECLAIM = Regional Clean Air Incentives Market
DAR = Division of Administrative Rules	RFI = Request for Information
DEP = Department of Environmental Protection	RIN = Regulatory Identification Number
DMR = Discharge Monitoring Report	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EDC = 1,2-dichloroethane	RTC = RECLAIM Trading Credit
EIM = Emission Inventory Module	SCAQMD = South Coast Air Quality Management District
EO = Executive Order	SIP = State Implementation Plan
EPA = U.S. Environmental Protection Agency	SNUR = Significant New Use Rule
ESA = Endangered Species Act	SO ₂ = Sulfur dioxide
EU = European Union	SOCRR-2 = 2nd State of the Carbon Cycle Report
F.A.C. = Florida Administrative Code	SSFL = Santa Susana Field Laboratory
FAR = Florida Administrative Register	SWRCB = State Water Resources Control Board
FEMA = Federal Emergency Management Agency	TAC = Texas Administrative Code
FR = <i>Federal Register</i>	TexReg = <i>Texas Register</i>
FWS = U.S. Fish and Wildlife Service	TMDL = Total maximum daily load
FY = Fiscal year	U.S. = United States
HARP 2 = Hotspots Analysis and Reporting Program Version 2	UT = Utah
HQ = Headquarters	VAC = Virginia Administrative Code
ICAO = International Civil Aviation Organization	VA. R. = <i>Virginia Register</i>
LAC = Louisiana Administrative Code	VOC = Volatile organic compound
MDAQMD = Mojave Desert Air Quality Management District	WQS = Water Quality Standards
MDE = Maryland Department of the Environment	

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
FED021216-1	Air	02/10/2016	81 FR 7092 HTML PDF	Notice	U.S. Environmental Protection Agency Recent Postings of Broadly Applicable Alternative Test Methods Announces EPA's test method decisions made in 2015 under NSPS and NESHAP requirements.
FED021216-2	Air NAAQS	02/10/2016	81 FR 7096 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notification of a Public Teleconference of the Clean Air Scientific Advisory Committee (CASAC) Secondary National Ambient Air Quality Standards Review Panel for Oxides of Nitrogen and Sulfur and the Chartered CASAC Announces a teleconference to discuss draft review of EPA's " Draft Integrated Review Plan for the Secondary NAAQS for Oxides of Nitrogen and Oxides of Sulfur ." Teleconference is scheduled for 02/29/2016. Additional information is available on EPA's website.
FED021216-3	Air ODS	02/09/2016	81 FR 6765 HTML PDF	Final Rule	U.S. Environmental Protection Agency Protection of Stratospheric Ozone: Revisions To Reporting and Recordkeeping for Imports and Exports [40 CFR Part 82] Direct final rule amends regulations to implement the International Trade Data System to allow required submissions to be made using an electronic filing system. Effective 05/09/2016. Comments due 03/10/2016. [RIN 2060-AS68]
FED021216-4	Climate Change	02/12/2016	81 FR 7497 HTML PDF	Notice	U.S. Department of Agriculture Request for Public Engagement in the Interagency Special Report 2nd State of the Carbon Cycle Report (SOCCR-2) Announces intent to prepare a report on the North American carbon cycle, including carbon changes in soil, water, and water-soil interfaces such as estuaries or wetlands. Comments due 03/14/2016. Additional information is available on CCIWG's website.
FED021216-5	Energy	02/10/2016	81 FR 7087 HTML PDF	Notice	U.S. Department of Energy Request for Information (RFI) for Updated Critical Materials Strategy Solicits information on rare earth elements and other materials used in energy technologies and the manufacture of energy technologies. Comments due 04/11/2016.
FED021216-6	Hazardous Materials Transportation	02/04/2016	81 FR 6103 HTML PDF	Notice Meeting	Pipeline and Hazardous Materials Safety Administration Hazardous Materials: Public Meeting Notice for the Research and Development Forum Announces a meeting to discuss recently completed projects and areas of future research related to the transportation of hazardous materials. Meeting is scheduled to begin 03/23/2016 in Washington, D.C., and will be available via teleconference.
FED021216-7	Policy Building Standards	02/05/2016	81 FR 6405 HTML PDF	Notice	Executive Office of the President Executive Order 13717: Establishing a Federal Earthquake Risk Management Standard Establishes earthquake-resilient design standards and requirements for new and existing federally owned and leased buildings. Agencies are required to name a Seismic Safety Coordinator within 30 days of 02/02/2016, the EO's issue date; adopt certain codes, standards, and requirements within 90 days; and prepare biennial reports.

[NASA HQ](#) should be aware of this action.

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED021216-8 NASA Centers should be aware of this action.	Species	02/11/2016	81 FR 7214 HTML PDF	Final Rule	U.S. Fish and Wildlife Service Interagency Cooperation--Endangered Species Act of 1973, as Amended; Definition of Destruction or Adverse Modification of Critical Habitat [50 CFR Part 402] Finalizes revisions to expand the definition of "destruction or adverse modification," as related to the value of critical habitat for the conservation of a listed species. Effective 03/14/2016. [RIN 1018-AX88; 0648-BB80]
FED021216-9	Species	02/11/2016	81 FR 7226 HTML PDF	Notice	U.S. Fish and Wildlife Service Policy Regarding Implementation of Section 4(b)(2) of the Endangered Species Act [50 CFR Part 424] Announces availability of FWS's final policy on exclusions from critical habitat under the ESA. Effective 03/14/2016. [RIN 1018-AX87; 0648-BB82]
FED021216-10	Species	02/11/2016	81 FR 7413 HTML PDF	Final Rule	U.S. Fish and Wildlife Service Listing Endangered and Threatened Species and Designating Critical Habitat; Implementing Changes to the Regulations for Designating Critical Habitat [50 CFR Part 424] Finalizes amendments to procedures and criteria used for adding species to the Lists of Endangered and Threatened Wildlife and Plants and designating and revising critical habitat. Effective 03/14/2016. [RIN 1018-AX86; 0648-BB79]
FED021216-11	Technology Nanoscale Materials	02/02/2016	81 FR 5505 HTML PDF	Notice	Office of Science and Technology Policy Nanotechnology Commercialization Success Stories Solicits information on the successful commercialization of nanotechnology resulting from federally funded nanotechnology R&D, since the launch of the NNI. Comments due 02/29/2016. Additional information is available on the NNI's website.
FED021216-12	Toxic Substances	02/03/2016	81 FR 5756 HTML PDF	Notice	Agency for Toxic Substances and Disease Registry Availability of Draft Toxicological Profile; Glutaraldehyde Announces availability of the draft toxicological profile for glutaraldehyde. Comments due 05/03/2016. According to the profile, glutaraldehyde is used in numerous applications, including disinfection, chemicals production, and X-ray processing.
FED021216-13 NASA Centers should be aware of this action.	Toxic Substances nPB	02/10/2016	81 FR 7122 HTML PDF	Notice Meeting	Centers for Disease Control and Prevention Draft Criteria for a Recommended Standard: Occupational Exposure to 1-Bromopropane (1-BP); Notice of Public Meeting; Availability of Draft Document for Comment Solicits comments on and announces a meeting to discuss the draft document . Meeting is scheduled for 03/30/2016 in Cincinnati, Ohio. Comments due 04/29/2016.
FED021216-14	Toxic Substances SNURs	02/12/2016	81 FR 7455 HTML PDF	Final Rule	U.S. Environmental Protection Agency Significant New Use Rule on Certain Chemical Substances [40 CFR Parts 9 and 721] Finalizes SNURs for the following alkane substances: <ul style="list-style-type: none"> ▪ C21-34-branched and linear, chloro (CAS 1417900-96-9) ▪ C22-30-branched and linear, chloro (CAS 1401947-24-0) ▪ C24-28, chloro (CAS 1402738-52-6) 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 04/12/2016.
FED021216-15	Waste	02/08/2016	81 FR 6687 HTML PDF	Final Rule	U.S. Environmental Protection Agency Additions to List of Categorical Non-Waste Fuel [40 CFR Part 241] Finalizes addition of certain materials to the list of categorical non-waste fuels, including C&D wood processed from C&D debris according to best management practices. Effective 03/09/2016. [RIN 2050-AG74]

1.2 Other News and Development

1.2.1 Proposed Global CO₂ Standard for Commercial Aircraft

On 08 February 2016, the International Civil Aviation Organization's ([ICAO's](#)) [Committee on Aviation Environmental Protection released](#) a proposed global standard to reduce carbon dioxide (CO₂) emissions from commercial aircraft. The standard would apply to most new civil aircraft designs beginning in 2020 and to in-production aircraft beginning in 2023. The proposed standard integrates technology to promote fuel efficiency, use of biofuels, and emissions and noise reductions. Once adopted by the ICAO governing council, it will be a mandatory standard for national aviation authorities.

1.2.2 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](#), the [European Chemicals Agency](#) has launched a public [consultation](#) on 27 applications for authorization. Substances included on the [Authorisation List](#) (Annex XIV) require special authorization for continued manufacture and use in the EU after an assigned "sunset" date. Comments are due by 06 April 2016. The substances and requested uses are listed in the following table:

Substance Name	CAS Number	Specific Use to be Authorized
1,2-dichloroethane (EDC)	107-06-2	Solvent in polymer production
Chromium VI compounds	1333-82-0	Surface treatment, hard and functional chrome plating, cooling systems, passivation of tin plates, production of copper foils, production of colored stainless steel, and manufacture of sodium chlorate/chlorite

1.2.3 Watershed Academy Training and Webinar

On 05 February 2016, the U.S. Environmental Protection Agency (EPA) released an [online training module](#) for climate change impacts to water resources. The training will discuss the causes of climate change, effects on water resources, and challenges to professionals. This training is one of 15 core modules available for obtaining a [Watershed Academy Certificate](#).

Additionally, on 25 February 2016, EPA will host a Watershed Academy [webinar](#) highlighting the results of the [National Coastal Condition Assessment 2010](#) report. Registration is available [online](#).

1.2.4 National Association of Environmental Professionals 2016 Annual Conference

The National Association of Environmental Professionals ([NAEP](#)) has scheduled the [2016 Annual Conference](#) for 11 through 14 April 2016 in Chicago, Illinois. The conference will include presentations and training on a variety of environmental topics, such as water resources, land management, and sustainability. Registration is available on NAEP's [website](#).

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 16 March 2016, 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](#).

2.1.1 16th Annual Groundwater Conference

The Alabama Department of Environmental Management is seeking presenters for the [16th Annual Groundwater Conference](#) on 08 June 2016 in Montgomery, Alabama. This is a networking event that will allow professionals, including geologists, hydrologists, engineers, and other environmental scientists, to learn about new technologies related to groundwater protection and restoration. Presentation topic examples include the following:

- Geology and karst topography
- Hydrology
- Geochemistry
- Remediation
- Regulatory issues

Presentation submissions are due by 30 April 2016.

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
CA021216-1 ARC should be aware of this action.	Emergency Planning	02/12/2016	81 FR 7557 HTML PDF	Notice	Federal Emergency Management Agency Changes in Flood Hazard Determinations Proposes revisions to flood hazard determinations for various locations, including Santa Clara County, California . Comments due 05/12/2016. 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.
CA021216-2	Hazardous Materials Transportation	02/05/2016	CRNR 2016, 6z, p. 181	Final Rule	California Highway Patrol Fire Extinguishers [13 CCR 1162.1 and 1242] Finalizes amendments to fire extinguisher regulations to align with national transportation requirements, including: <ul style="list-style-type: none"> ▪ Amending fire extinguisher ratings that are required on various types of motor vehicles ▪ Amending the definition of "securement" Effective 04/01/2016.
CA021216-3	Water	02/02/2016	SWRCB Website	Final Rule	State Water Resources Control Board Extended Emergency Conservation Resolution and Regulation [23 CCR 863-866] Finalizes adoption of emergency regulations intended to achieve a 20 percent reduction in potable urban water usage statewide through October 2016 compared to 2013 baseline. Effective 02/02/2016.

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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAB021216-1	Air Fees	02/11/2016	BAAQMD Website	Proposed Rule Workshop	Bay Area Air Quality Management District Draft Amendments to Regulation 3: Fees Proposes amendments to Regulation 3 to increase regulatory fees for FY 2017. Workshop is scheduled for 02/18/2016 in San Francisco, California. Comments due 02/26/2016.

2.2.1.3 Eastern Kern Air Pollution Control District

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

2.2.1.4 Mojave Desert Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAM021216-1	Air	02/11/2016	MDAQMD Website	Notice Workshop	Mojave Desert Air Quality Management District Emission Inventory and HARP 2 EIM Workshop Announces a workshop to discuss facility emissions reporting and the use of HARP 2 EIM. Workshop is scheduled for 02/25/2016 in Victorville, California. Training will be provided by ARB and will include hands-on instruction. Additional information is available on ARB's website.

2.2.1.5 South Coast Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAS021216-1	Air RECLAIM	02/08/2016	SCAQMD Website	Final Rule	South Coast Air Quality Management District Amendments to Regulation XX Finalizes amendments to Regulation XX Rules 2001 , 2002 , 2011 , and 2012 related to the NO _x RECLAIM Program to address the following: <ul style="list-style-type: none"> ▪ Rule 2001—Allow electricity generating facilities to request to opt-out of the program ▪ Rule 2002—Update BARCT levels ▪ Rule 2002—Institute programmatic RTC reductions of 14 tons per day, achieved through gradual shave affecting top 90% of RTC holders ▪ Rules 2011 and 2012—Allow delayed RATA tests due to extenuating circumstances ▪ Include minor administrative amendments Effective 12/04/2015.

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
FL021216-1	Energy Electric and Magnetic Fields	02/02/2016	FAR Notice #17112175	Final Rule	Department of Environmental Protection Electric and Magnetic Fields [Chapter 62-814, F.A.C.] Finalizes amendments to Rule 62-814.520, F.A.C., "Compliance" and repeal of Rule 62-814.900, F.A.C., "Form and Instructions" to eliminate references to DEP Form 62-814.900 and to amend language to allow for compliance reporting flexibility. Effective 02/15/2016.
FL021216-2	Radiation	02/03/2016	FAR Notice #17104997	Notice	Department of Health Control Of Nonionizing Radiation Hazards [Chapter 64E-4, F.A.C.] Announces intent to update the incorporation by reference of ANSI Z136.1-2007 to the current edition, ANSI Z136.1-2014, and incorporate the entire chapter by reference, including topics such as: <ul style="list-style-type: none"> ▪ Registration ▪ Definitions ▪ Exemptions ▪ Maximum permissible exposure ▪ General requirements ▪ Signage ▪ Surveys ▪ Measurements and instruments ▪ Notifications and reports ▪ Records ▪ Scanning devices
FL021216-3	Water Wastewater	02/12/2016	FAR Notice #17147968	Notice Meeting	Department of Health Standards for Onsite Treatment and Disposal Systems [Chapter 64E-6, F.A.C.] Announces a meeting to discuss updates on research projects, research proposals, and issues related to onsite sewage treatment and disposal. Meeting is scheduled for 02/29/2016 in Orlando, Florida.
FL021216-4	Water Water Quality	02/02/2016	FAR Notices #17111884; #17111981; #17112078	Final Rule	Department of Environmental Protection Permits [Chapter 62-4, F.A.C.] Finalizes the following revisions: <ul style="list-style-type: none"> ▪ Remove text related to mixing zones in Outstanding Natural Resource Waters ▪ Remove a subsection that pertains to equitable abatement ▪ Clarify that the fee for Site-Specific Alternative Criteria applies to each application instead of each parameter Effective 02/17/2016.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
FL021216-5	Water Water Quality	02/02/2016	FAR Notices #17115376; #17117801	Final Rule	<p>Department of Environmental Protection</p> <p>Surface Water Quality Standards [Chapter 62-302, F.A.C.]; Identification of Impaired Surface Waters [Chapter 62-303, F.A.C.]</p> <p>Finalizes the following revisions to clarify assessment methodology for identifying impaired surface waters:</p> <ul style="list-style-type: none"> ▪ Clarify the scope of waters on the Study List ▪ Change the listing cycle description and delisting requirements for certain parameters ▪ Clarify how to calculate annual geometric and arithmetic means for nutrients in marine waters ▪ Update biological standard operating procedures ▪ Reclassify multiple estuarine waterbodies from Class III to Class II, including portions of the Mosquito Lagoon, Banana River, and Indian River in Brevard County ▪ Replace criteria for fresh water with site specific alternative criteria established using Rule 62-302.800, F.A.C. methodology ▪ Replace criteria for bacteriological quality (fecal coliform) with criteria for Escherichia coli bacteria (fresh water) and Enterococci bacteria (marine water) ▪ Clarify evaluations of bioassessment scores collected at different locations within a water segment ▪ Delete specific mention of "tidal creeks" ▪ Open the rule provision to all water quality parameters addressed in Rule 62-303.420, F.A.C. ▪ Revise the Biological Health Assessment score averaging procedure ▪ Establish new water quality criteria for nonylphenol, carbaryl (fresh water only), chlorpyrifos, and diazinon ▪ Clarify the methodology for assessing nutrients in lakes ▪ Update format, definitions and references ▪ Update references to clarified maps, forms, and documents <p>Effective 02/17/2016.</p>

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
LA021216-1	Administrative Fees	02/20/2016	OS088	Final Rule	<p>Louisiana Department of Environmental Quality</p> <p>Expedited Penalty Agreement [LAC 33:I.801, 805 and 807]</p> <p>Finalizes amendments to violation regulations for all media sectors to clarify existing violations, adjust penalty amounts, and expand the list of violations that qualify for expedited penalties. Effective 02/20/2016.</p>
LA021216-2	Waste Solid Waste	02/20/2016	SW062	Final Rule	<p>Louisiana Department of Environmental Quality</p> <p>Waste Tire Regulation Revisions [LAC 33:VII. 10501, 10503, 10505, 10507, 10509, 10511, 10513-10519, 10521, 10523-10525, 10527, 10529, 10531-10537, 10539, 10541, 10543, 11101, 11103]</p> <p>Finalizes amendments to administration and enforcement regulations for the Waste Tire Program. Effective 02/20/2016.</p>
LA021216-3	Water NPDES	02/20/2016	WQ094	Proposed Rule Hearing	<p>Louisiana Department of Environmental Quality</p> <p>Electronic Submittal of Discharge Monitoring Reports (DMRs) [LAC 33:IX.2701]</p> <p>Proposes to adopt federal regulations to require NPDES-regulated entities to submit DMRs electronically through a department-approved electronic document receiving system, unless a waiver is granted. Hearing scheduled for 03/30/2016 in Baton Rouge, Louisiana. Comments due 04/06/2016.</p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
LA021216-4	Water Water Quality	02/20/2016	WQ092	Proposed Rule Hearing	<p>Louisiana Department of Environmental Quality</p> <p>Recreational Water Quality Criteria for Louisiana Coastal Beach Recreation Waters [LAC 33:IX.107, 1105, 1113, 1117 and 1123.C.2.a and b, and E. Table 3 and ENDNOTE 25]</p> <p>Proposes to amend Louisiana Surface WQS to comply with the CWA, as amended by the BEACH Act of 2000. Proposed amendments would:</p> <ul style="list-style-type: none"> Define "enterococci" Define "BEACH Act waters" Revise Chapter 11, Sections 1113, 1117, and 1123, to adopt enterococci criteria for coastal recreation waters Identify sub-segments containing coastal recreation waters (BEACH Act primary contact recreation waters). <p>Hearing scheduled for 03/30/2016 in Baton Rouge, Louisiana. Comments due 04/06/2016.</p> <p>Louisiana, as a BEACH Act state, has specific requirements with regard to recreational water quality criteria. The CWA, as amended by the BEACH Act, directs each state with coastal recreational waters to adopt and submit new or revised WQS for those waters for all pathogens and pathogen indicators to which the new or revised water quality criteria apply.</p>

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
MD021216-1	Natural Resources Invasive Species	02/05/2016	43:3 Md.R. 284-286	Proposed Rule	<p>Department of Agriculture</p> <p>Subtitle 06 Plant Pest Control [COMAR 15.06.04]</p> <p>Proposes to amend invasive plant regulations to establish a procedure for the disposal of Tier 1 invasive plants and designate signage requirements for Tier 2 plants. Comments due 03/07/2016.</p>
MD021216-2	Permits	02/05/2016	43:3 Md.R. 294-298	Notice	<p>Department of the Environment</p> <p>Final Calendar Year 2016 Standard Permit Application Turnaround Times</p> <p>Announces standard turnaround times for all types of permit applications for CY 2016.</p>
MD021216-3	Water Water Quality	02/05/2016	MDE Website	Notice	<p>Department of the Environment and Department of Agriculture</p> <p>Maryland Water Quality Trading Advisory Committee</p> <p>Announces completion of the 2016 Draft Water Quality Trading Manual.</p> <p>The manual describes policies and provides a framework for local governments and state and federal agencies with MS4 permits to engage in trading.</p>

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
MS021216-1	Air SIP	02/11/2016	81 FR 7259 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; Mississippi; Infrastructure Requirements for the 2010 Sulfur Dioxide National Ambient Air Quality Standard [40 CFR Part 52]</p> <p>Proposes to approve specific SIP revisions related to infrastructure requirements for the 2010 1-hour SO₂ NAAQS. Comments due 03/14/2016.</p>

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
NM021216-1	Air Permitting	02/04/2016	Air Quality Bureau	Notice	Air Quality Bureau New Permit Application Fees Announces a new rate schedule for air permit fees. Effective 01/01/2016.

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
OH021216-1	Air VOCs	02/11/2016	DAPC-What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency VOC RACT Rules [OAC 3745-21] Announces numerous revisions to VOC RACT rules as part of the 5-year review process, including: <ul style="list-style-type: none"> Adding Rule 3745-21-26, surface coating of miscellaneous metal and plastic parts, including adding powder coating to rule exemptions Revising recordkeeping and reporting requirements Clarifying applicability requirements Making minor editorial corrections

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
TX021216-1	Air	02/08/2016	81 FR 6483 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Texas; Infrastructure or Requirements for the 2008 Ozone and 2010 Nitrogen Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Proposes approval of SIP revisions related to infrastructure requirements for the 2008 Ozone and the 2010 NO ₂ NAAQS. Comments due 03/09/2016.
TX021216-2	Water Wastewater	02/05/2016	41 TexReg 930	Notice Hearing	Texas Commission on Environmental Quality Consolidated Permits and Spill Prevention and Control Rules [30 TAC 305 and 327] Announces a hearing to discuss proposed volume-based exemption from reporting requirements for accidental discharges or spills of treated or untreated wastewater. Hearing is scheduled for 03/01/2016 in Austin, Texas. Comments due 03/07/2016.
TX021216-3	Water Water Quality	02/05/2016	40 TexReg 1010	Proposed Rule	Texas Commission on Environmental Quality Update to the Water Quality Management Plan Solicits comments on the January 2016 updates to the Water Quality Management Plan , including revisions to TMDLs. Comments due 03/07/2016.

2.9.1 El Paso Carbon Monoxide Limited Maintenance Plan SIP Revision

On 03 March 2016, the Texas Commission on Environmental Quality will consider the recommended [El Paso Carbon Monoxide \(CO\) Limited Maintenance Plan State Implementation Plan \(SIP\) Revision](#). The proposed revision would satisfy Section 175A(b) of the Clean Air Act requiring states to submit revisions 8 years after attainment redesignation. The proposed SIP

revision would also demonstrate continued maintenance of the 8-hour primary CO National Ambient Air Quality Standard in El Paso, Texas, from October 2018 to October 2028.

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
UT021216-1	Waste Hazardous Waste	02/01/2016	UT Bull. Vol. 2016-03, p. 14-24	Proposed Rule	<p>Utah Department of Environmental Quality; Division of Waste Management and Radiation Control</p> <p>DAR File Nos. 40117 through 40130 [R315-1-9, R315-12-14 & 16]</p> <p>Proposes to repeal and replace existing hazardous waste rules due to administrative changes. The following rules would be affected by the proposed changes:</p> <ul style="list-style-type: none"> ▪ R315-1. Utah Hazardous Waste Definitions and References ▪ R315-2. General Requirements—Identification and Listing of Hazardous Waste ▪ Rule R315-3. Application and Permit Procedures for Hazardous Waste Treatment, Storage, and Disposal Facilities ▪ Rule R315-4. Procedures for Decision Making ▪ Rule R315-5. Hazardous Waste Generator Requirements ▪ Rule R315-6. Hazardous Waste Transporter Requirements ▪ Rule R315-7. Interim Status Requirements for Hazardous Waste Treatment, Storage, and Disposal Facilities ▪ Rule R315-8. Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities ▪ Rule R315-9. Emergency Controls ▪ Rule R315-12. Administrative Procedures ▪ Rule R315-13. Land Disposal Restrictions ▪ Rule R315-14. Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities ▪ Rule R315-16. Standards for Universal Waste Management ▪ Rule R315-50. Appendices <p>Comments due 03/02/2016.</p>
UT021216-2	Waste Hazardous Waste	02/01/2016	UT Bull. Vol. 2016-03, p. 25-468	Proposed Rule	<p>Utah Department of Environmental Quality; Division of Waste Management and Radiation Control</p> <p>DAR File Nos. 40105 through 40116 [R315-103, R315-124, R315-260-268, R315-270, R315-273]</p> <p>Proposes to reorganize and separate existing rules due to administrative changes. The following rules are proposed:</p> <ul style="list-style-type: none"> ▪ Rule R315-103. Commercial Hazardous Waste Facility Siting Criteria ▪ Rule R315-124. Procedures for Decision Making ▪ Rule R315-260. Hazardous Waste Management System ▪ Rule R315-261. General Requirements—Identification and Listing of Hazardous Waste ▪ Rule R315-262. Hazardous Waste Generator Requirements ▪ Rule R315-263. Standards Applicable to Transporters of Hazardous Waste and Standards Applicable to Emergency Control of Spills for All Hazardous Waste Handlers ▪ Rule R315-264. Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities ▪ Rule R315-265. Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities ▪ Rule R315-266. Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities ▪ Rule R315-268. Land Disposal Restrictions ▪ Rule R315-270. Hazardous Waste Permit Program ▪ Rule R315-273. Standards for Universal Waste Management <p>Comments due 03/02/2016.</p>

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
VA021216-1	Radiation Protection	02/08/2016	32:12 V.A.R. 1906-1924	Final Rule	State Board of Health, Virginia Department of Health Virginia Radiation Protection Guidelines [12VAC5-481] Finalizes adoption of federal regulations, as required by NRC, by including: <ul style="list-style-type: none"> ▪ Definitions of Category 1 and Category 2 radioactive materials ▪ Requirements for background investigations and access authorization programs ▪ Protection of background information ▪ Physical protection requirements for materials during use, including a security program and coordination with local law enforcement agencies ▪ Physical protection in transit ▪ Recordkeeping Effective 03/09/2016.
VA021216-2	Species Gypsy Moth	02/12/2016	32:12 V.A.R. 1939	Notice	Board of Agriculture and Consumer Services, Virginia Department of Agriculture and Consumer Services Rules and Regulations for the Enforcement of the Virginia Pest Law – Virginia Gypsy Moth Quarantine [2VAC5-330] Announces periodic review to determine whether the regulation should be repealed, amended, or retained in its current form. Comments due 02/29/2016.

2.11.1 Chesapeake Bay Restoration

The [Chesapeake Bay Program](#) is requesting public input on 28 draft [work plans](#) that outline specific actions to protect and restore the Chesapeake Bay, its tributary rivers and streams, and surrounding lands, in accordance with the multistate [Chesapeake Bay Watershed Agreement](#). Comments are due by 07 March 2016.

2.11.2 Draft TMDL Report for Little Mosquito Creek and Assawoman Creek

The [Virginia Department of Environmental Quality](#) has announced a [meeting](#) on 10 March 2016 in Accomac, Virginia, to discuss the draft total maximum daily load (TMDL) report for Little Mosquito Creek and Assawoman Creek in Accomack County, Virginia. Comments on the [draft report](#) are due by 11 April 2016.