



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

28 November 2014

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 "79 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

AFRC = Armstrong Flight Research Center	NESHAP = National Emission Standards for Hazardous Air Pollutants
ARB = Air Resources Board	NOAA = National Oceanic and Atmospheric Administration
ARC = Ames Research Center	NPDES = National Pollutant Discharge Elimination System
ATCM = Air Toxics Control Measure	NSPS = New Source Performance Standards
BMAP = Basin Management Action Plan	OAC = Ohio Administrative Code
CCAFS = Cape Canaveral Air Force Station	OEPA = Ohio Environmental Protection Agency
CCR = <i>California Code of Regulations</i>	OEHHA = Office of Environmental Health Hazard Assessment
CFR = <i>Code of Federal Regulations</i>	OSHSB = Occupational Safety and Health Standards Board
CHP = California Highway Patrol	PPD = Presidential Policy Directive
CI = Compression ignition	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
CO ₂ = Carbon dioxide	PSD = Prevention of Significant Deterioration
CRNR = California Regulatory Notice Register	R3 = Refrigerant Registration and Reporting System
CVP = Central Valley Project	R&D = Research and Development
DAPC = Division of Air Pollution Control	RCRA = Resource Conservation and Recovery Act
DSW = Division of Surface Water	REL = Reference exposure level
ECMPS = Emissions Collection and Monitoring Plan System	RIN = Regulatory Identification Number
EIS = Environmental Impact Statement	ROD = Record of Decision
EMFAC = EMISSION FACTOR	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EPA = U.S. Environmental Protection Agency	SI = Spark-ignited
ESPC = Energy Savings Performance Contract	SIP = State Implementation Plan
EVR = Enhanced Vapor Recovery	SORE = Small off-road engines
F.A.C. = Florida Administrative Code	SRP = Science Review Panel
FAQ = Frequently asked questions	SSFL = Santa Susana Field Laboratory
FAR = Florida Administrative Register	TMDL = Total Maximum Daily Load
FR = <i>Federal Register</i>	U.S. = United States
FY = Fiscal year	USFWS = U.S. Fish and Wildlife Service
GWP = Global warming potential	VA.R. = <i>Virginia Register</i>
JPL = Jet Propulsion Laboratory	VAC = Virginia Administrative Code
KSC = Kennedy Space Center	VCAPCD = Ventura County Air Pollution Control District
LAC = Louisiana Administrative Code	VDEQ = Virginia Department of Environmental Quality
LaRC = Langley Research Center	VOC = Volatile organic compound
LPG = Liquefied petroleum gas	WFF = Wallops Flight Facility
LSI = Large spark-ignited	WQ = Water Quality
M&I = Municipal and Industrial	WSP = Water Shortage Policy
MATS = Mercury and Air Toxics Standards	
Md.R. = <i>Maryland Register</i>	
MSFC = Marshall Space Flight Center	
µg/m ³ = micrograms per cubic meter	
NAAQS = National Ambient Air Quality Standards	
NASA = National Aeronautics and Space Administration	
NCISR = National Critical Infrastructure Security and Resilience	
NEPA = National Environmental Protection Act	

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	Suggested Actions
FED112814-1	Air NESHAP- NSPS, MATS	11/19/2014	79 FR 68777 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Reconsideration of Certain Startup/Shutdown Issues: 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 [40 CFR Parts 60 and 63]</p> <p>Finalizes reconsideration of the startup and shutdown provisions of the MATS and Utility NSPS rules (77 FR 9303, 02/16/2012). Finalizes alternative compliance options for startup periods and shutdown periods. Effective 11/19/2014. [RIN 2060-AS07]</p> <p>Certain NSPS provisions may apply to NASA Centers or related facilities. For reference:</p> <ul style="list-style-type: none"> • “MATS NESHAP” applicability, 40 CFR 63.9982 • “Utility NSPS” applicability, 40 CFR 60.40, 60.40Da, 60.40c <p>Existing sources must comply with final rule, 77 FR 9303, by 04/16/2015.</p>	Centers with electric generating capacity should be aware of this action.
FED112814-2	Infrastructure	11/17/2014	79 FR 68457 HTML PDF	Notice	<p>U.S. Department of Homeland Security</p> <p>Request for Comments and Answers to Specific Questions To Inform Development of the National Critical Infrastructure Security and Resilience (NCISR) Research and Development (R&D) Plan</p> <p>Solicits comments and responses to specific questions to support development of the NCISR R&D Plan. Comments due 12/17/2014.</p> <p>The Plan is required under PPD 21, Critical Infrastructure Security and Resilience, and is intended to assist in strengthening the security and resilience of critical cyber and physical assets, systems, and networks in 16 sectors.</p>	
FED112814-3	Natural Resources NEPA	11/18/2014	79 FR 68726 HTML PDF	Notice	<p>National Aeronautics and Space Administration</p> <p>Final Environmental Impact Statement: Mars 2020 Mission</p> <p>Announces availability of the Final EIS for the Mars 2020 Mission. NASA plans to issue a ROD for the proposed Mars 2020 mission in December 2014.</p> <p>The space vehicle used for the Mars 2020 Mission would launch from KSC or CCAFS.</p>	KSC should be aware of this action.
FED112814-4	Vessels Commercial Barges	11/17/2014	79 FR 68370 HTML PDF	Final Rule Correction	<p>U.S. Coast Guard</p> <p>Lifesaving Devices-Uninspected Commercial Barges and Sailing Vessels [46 CFR Parts 24, 30, 70, 90, and 188]</p> <p>Makes administrative corrections with no change to regulatory requirements. Effective 11/17/2014. [RIN 1625-AB83]</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED112814-5	Water Monitoring Climate Change	11/28/2014	79 FR 70866 HTML PDF	Notice	U.S. Environmental Protection Agency Regional Monitoring Networks To Detect Climate Change Effects in Stream Ecosystems Solicits comments on the draft document describing development of the current regional monitoring networks for small, freshwater, wadeable streams. Comments due 12/29/2014. Regional Monitoring Networks are established to collect biological, thermal, and hydrological data from freshwater wadeable streams. Data are used to quantify and monitor changes in baseline condition, including climate change effects.	

1.2 Other News and Developments

1.2.1 National Ambient Air Quality Standards for Ozone

On 25 November 2014, the EPA [announced](#) the availability of the [pre-publication version of the proposed National Ambient Air Quality Standards \(NAAQS\) for ground-level ozone](#). Ground-level ozone is formed by chemical reactions between nitrogen oxides and volatile organic compounds (VOCs) in the presence of sunlight and is associated with adverse effects to human health and vegetation. EPA proposes to set both the primary and secondary standards to a value within the range of 0.065 to 0.070 parts per million. A 90-day public comment period will commence when the proposal is published in the *Federal Register*. Additional information is available on the EPA's ground-level ozone [website](#).

1.2.2 EPA Federal Facilities Compliance and Enforcement FY 2015 Program Agenda

EPA recently released its [National Federal Facilities Compliance & Enforcement Fiscal Year \(FY\) 2015 Program Agenda](#), which identifies EPA's environmental enforcement priorities for this year. Plans for 2015 include:

- Conducting at least 100 federal facility enforcement inspections in FY 2015 and at least 10 in each region
- Focusing on compliance monitoring and enforcement as a follow-up of required federal facility risk management plans
- Focusing Resource Conservation and Recovery Act inspections on federal medical facilities and large quantity generators

1.2.3 Climate Change Resilience Report and Toolkit

On 17 November 2014, the President's State, Local, and Tribal Leaders Task Force on Climate Preparedness and Resilience [released](#) a [report](#) with recommendations on how communities can respond to climate change. The membership of the task force, established in November 2013, consists of governors, mayors, county executives, and tribal leaders from across the United States. In addition, the White House [released](#) the [Climate Resilience Toolkit](#), which provides information, tools, and best practices to help communities prepare for and increase their resilience to the effects of climate change.

1.2.4 Climate Adaptation Plan Tool

The Georgetown Climate Center has developed the [State and Local Adaptation Plan Tool](#), which provides information on each state's efforts to prepare for climate change. State profile pages can

be accessed through an interactive map and contain detailed outlines of each state's adaption work with links to state and local adaptation plans.

1.2.5 NASA Carbon Dioxide Model

NASA recently [announced](#) the development of a new computer model that uses data collected from the [Orbiting Carbon Observatory-2](#) to show how carbon dioxide (CO₂) is dispersed from its sources and travels around the globe. The simulation also illustrates the different levels of CO₂ in the northern and southern hemispheres. The model's resolution is approximately 64 times greater than typical global climate models. Additional information is available on NASA's [website](#).

1.2.6 Presidential Green Chemistry Challenge

EPA recently [announced](#) the call for nominations for the [2015 Presidential Green Chemistry Challenge](#), which is a program established to recognize companies and institutions that have developed new processes or products that help protect public health and the environment. Awards are presented for the following six categories:

- Greener Synthetic Pathways
- Greener Reaction Conditions
- Design of Greener Chemicals
- Small Business
- Academic
- Specific Environmental Benefit: Climate Change

Nominations are due 31 December 2014.

1.2.7 ESPC ENABLE Contracts Webinar

The U.S. Department of Energy's Federal Energy Management Program has scheduled a [webinar](#) on 10 December 2014 to provide an overview of the Energy Savings Performance Contract (ESPC) ENABLE program and information on implementing ESPC projects. An ESPC project is a partnership between the consumer and an energy service company. ENABLE is a process by which small federal facilities can receive funding to implement energy conservation measures. [Registration](#) is required for attendance.

1.2.8 Post-Construction Stormwater Runoff Workshop

EPA has scheduled a series of [workshops](#) to discuss the implementation of green infrastructure and low impact development to manage stormwater runoff and maintain pre-development runoff conditions. The workshop will include:

- Explanation of site design procedures
- Examples and case studies
- Discussion of costs and benefits of green infrastructure

Training dates and locations are provided in the following table. Registration is required for attendance.

Course Name	Date	Location
Post-Construction Stormwater Workshop	12/01/2014	Las Cruces, New Mexico
	12/03/2014	Aztec, New Mexico
	12/04/2014	Albuquerque, New Mexico
	12/09/2014	Bloomington, Illinois
	12/12/2014	Hilton Head, South Carolina

1.2.9 Fall 2014 Unified Agenda of Federal Regulatory and Deregulatory Actions

On 21 November 2014, the U.S. Office of Information and Regulatory Affairs announced availability of the [Fall 2014 Unified Agenda of Federal Regulatory and Deregulatory Actions](#), which outlines the plans and rulemaking agendas for certain federal entities and provides updates regarding the following:

- Regulations and major policies currently under development
- Review of existing regulations and major policies
- Rules and major policy development actions completed or canceled since the last agenda

This edition of the Agenda contains the list of rules for federal agencies, including, but not limited to the following:

- [U.S. Department of Labor](#)
- [EPA](#)
- [General Services Administration](#)
- [U.S. Department of Transportation](#)

Further information about the Unified Agenda is available on the Office of Information and Regulatory Affairs [website](#).

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	Suggested Actions
CA112814-1	Air Abrasive Blasting	11/25/2014	ARB Website	Final Rule	California Air Resources Board Certification of Abrasives for Permissible Outdoor Blasting [17 CCR 92530] Announces California Executive Order G-14-091 , which lists the abrasives currently certified for dry blasting outside of a permanent building. Effective 11/20/2014.	
CA112814-2	Air Engines	11/21/2014	79 FR 69462 HTML PDF	Notice Public Hearing	U.S. Environmental Protection Agency California State Nonroad Engine Pollution Control Standards; Portable Diesel-Fueled Engines Air Toxics Control Measure; Request for Confirmation That Amendments Are Within the Scope of Previous Authorization; Opportunity for Public Hearing and Comment Announces a public hearing to discuss amendments to ARB's portable engine ATCM regulations, which establish emission standards for in-use, portable, off-road, diesel-fueled engines rated 50 brake horsepower or greater. Public hearing is scheduled for 01/14/2015 in Washington, D.C. Comments due 02/16/2015. ARB approved and adopted the amendments associated with this notice in 2010 and 2011, respectively.	
CA112814-3	Air Engines	11/21/2014	79 FR 69465 HTML PDF	Notice Public Hearing	U.S. Environmental Protection Agency California State Nonroad Engine Pollution Control Standards; Small Off-Road Engines Regulations; Tier 4 Off-Road Compression-Ignition Regulations; Exhaust Emission Certification Test Fuel for Off-Road Spark-Ignition Engines, Equipment, and Vehicles Regulations; Request for Within-the-Scope and Full Authorization; Opportunity for Public Hearing and Comment Announces a public hearing to discuss amendments to the following ARB regulations: <ul style="list-style-type: none"> ▪ SI SORE, which establish emission standards for SI engines rated 25 horsepower or below ▪ Tier 4 Off-Road CI, which establish emission standards for new off-road CI engines of varying power categories ▪ Certification Test Fuel, which specify the fuels allowed for use in certification exhaust emission testing for various engines Public hearing is scheduled for 01/14/2015 in Washington, D.C. Comments due 02/16/2015. ARB approved and adopted the amendments associated with this notice in 2011 and 2012, respectively.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA112814-4	Air Engines	11/24/2014	79 FR 69845 HTML PDF	Notice Public Hearing	<p>U.S. Environmental Protection Agency California State Nonroad Engine Pollution Control Standards; Large Spark-Ignition Engines Regulation; Request for Authorization; Opportunity for Public Hearing and Comment</p> <p>Announces a public hearing to discuss amendments to ARB's LSI regulations, which establish exhaust emission standards and associated test procedures for LSI engines based upon engine displacements. Public hearing is scheduled for 01/14/2015 in Washington, D.C. Comments due 02/16/2015.</p> <p>ARB approved and adopted the amendments associated with this notice in 2010.</p>	
CA112814-5	Occupational Safety Batteries	11/21/2014	CRNR 2014, 47z, p. 1931	Proposed Rule	<p>Occupational Safety and Health Standards Board General Industry Safety Orders Sections 5184 and 5185, Storage Battery Systems and Changing and Charging Storage Batteries [8 CCR 5184 and 5185]</p> <p>Proposes the following amendments to the storage battery regulations:</p> <ul style="list-style-type: none"> ▪ Repeals Section 5184, titled "Hazardous Mixture," which is currently an unused section ▪ Creates a new Section 5184, titled "Storage Battery Systems," which includes the following requirements: <ul style="list-style-type: none"> ▪ Affected battery systems must contain approved equipment, devices, and procedures to detect failures ▪ Safety caps on batteries must be maintained in proper working order ▪ Amends Section 5185 to incorporate new battery technologies into the existing regulations <p>Public hearing is scheduled for 01/15/2015 in Costa Mesa, California. Comments due 01/15/2015.</p> <p>Additional information, including proposed amendment text, is available on the OSHSB website.</p>	
CA112814-6	Species Santa Ana Sucker	11/24/2014	79 FR 69880 HTML PDF	Notice	<p>U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Draft Recovery Plan for the Santa Ana Sucker (<i>Catostomus santaanae</i>)</p> <p>Announces the availability of the Draft Recovery Plan for the Santa Ana Sucker, which is known to reside in California counties including the following:</p> <ul style="list-style-type: none"> ▪ Los Angeles ▪ San Bernardino ▪ Ventura <p>Comments due 01/23/2015.</p>	AFRC , Goldstone , JPL , and SSFL should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions												
CA112814-7	Toxic Substances Diisocyanates	11/14/2014	OEHHA Website	Notice Meeting	<p>Office of Environmental Health Hazard Assessment</p> <p>Proposed Reference Exposure Levels for Toluene Diisocyanate and Methylene Diphenyl Diisocyanate–SRP Drafts</p> <p>Announces availability of the SRP review draft documents for the proposed RELs for toluene diisocyanate and methylene diphenyl diisocyanate. Proposed RELs are as follows:</p> <table border="1"> <thead> <tr> <th>REL</th> <th>Toluene Diisocyanate</th> <th>Methylene Diphenyl Diisocyanate</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>0.008 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>Public meeting of the SRP is scheduled for 12/12/2014 in Sacramento, California.</p> <p>Diisocyanates are used in certain types of adhesives, coatings, foams, and other formulated materials.</p>	REL	Toluene Diisocyanate	Methylene Diphenyl Diisocyanate	1-hour acute REL	2 µg/m ³	12 µg/m ³	8-hour REL	0.008 µg/m ³	0.16 µg/m ³	Chronic REL	0.008 µg/m ³	0.08 µg/m ³	NASA Centers and related facilities that use diisocyanates should be aware of this action.
REL	Toluene Diisocyanate	Methylene Diphenyl Diisocyanate																
1-hour acute REL	2 µg/m ³	12 µg/m ³																
8-hour REL	0.008 µg/m ³	0.16 µg/m ³																
Chronic REL	0.008 µg/m ³	0.08 µg/m ³																
CA112814-8	Toxic Substances Proposition 65	11/28/2014	CRNR 2014, 48z, p. 1961	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Amendment to Prop. 65 Appendix A [27 CCR 25903]</p> <p>Updates the Proposition 65 summary that must be included as an attachment to all Notices of Violation served upon alleged violators of Proposition 65. Effective 01/01/2015.</p>													
CA112814-9	Water	11/19/2014	79 FR 68912 HTML PDF	Notice Meeting	<p>U.S. Bureau of Reclamation</p> <p>Notice of Availability and Notice of Public Meetings for the Draft Environmental Impact Statement for Central Valley Project Municipal and Industrial Water Shortage Policy, Central Valley, California.</p> <p>Announces availability of the Draft EIS for the update to CVP M&I WSP and implementation guidelines. The updated policy would be used to:</p> <ul style="list-style-type: none"> Define water shortage terms and conditions for applicable CVP M&I water service contractors Establish CVP water supply levels Supply information for water supply planning and development of drought contingency plans <p>Public meeting is scheduled for 12/17/2015 in Oakland, California. Comments due 01/12/2015.</p> <p>The CVP is a federal water management project created to provide irrigation and municipal water to California's Central Valley. Additional information is on the Bureau of Reclamation's website.</p>	ARC should be aware of this action.												

2.2.1 EMFAC2014 Draft Version

The California Air Resources Board (ARB) has [released](#) the initial draft version of [EMFAC2014](#) for public testing and comment. EMFAC is a modeling tool used to estimate emissions from on-road vehicles for ARB planning purposes and project-specific National Environmental Protection Act/California Environmental Quality Act assessments. EMFAC2014 is capable of estimating emissions using EMFAC default or custom activity data. The final version of EMFAC2014 is expected to be released near the end of 2014. Additional information and a [user's guide](#) are available on the ARB [website](#).

2.2.2 Regulatory Advisory on Enhanced Vapor Recovery

On 18 November 2014, ARB [released](#) an amended [regulatory advisory](#) stating that proposed regulatory amendments related to Enhanced Vapor Recovery (EVR) requirements for aboveground storage tanks will be delayed until the first half of 2015. The original regulatory advisory, released on 28 February 2014, reminded facilities subject to the statewide EVR standards (17 CCR 94016) that Phase I equipment must be installed on gasoline aboveground storage tanks by 01 July 2014 and provided a nine-step process to determine applicability. The regulatory advisory will remain in effect until the ARB considers formal regulatory amendments. Additional information, including [FAQs](#), is available on the ARB Vapor Recovery Program [website](#).

2.2.3 Refrigerant Management Program R3 Webinar

ARB has scheduled a [webinar](#) on 11 December 2014 to provide guidance on the Refrigerant Management Program registration and reporting process in the Refrigerant Registration and Reporting System ([R3](#)). Stationary, non-residential refrigeration systems using more than 50 pounds of a high-global warming potential (GWP) refrigerant are subject to the Refrigerant Management Program. The webinar will review the R3 process for large and medium facilities that must file annual reports in 2015. The thresholds for facility size and reporting dates are outlined in the following table. Additional information is available on ARB's Refrigerant Management Program [website](#).

Facility Size	Threshold (pounds of high-GWP refrigerant)	Report and Fee Due Date
Small	50 – 199.9	Register by 01 March 2016
Medium	200 – 1,999	01 March 2015
Large	2,000+	01 March 2015

2.2.4 California Air Districts Regulatory Review

2.2.4.1 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](#).

2.2.4.2 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](#).

2.2.4.3 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](#).

2.2.4.4 Mojave Desert Air Quality Management District

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

2.2.4.5 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](#).

2.2.4.6 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	Suggested Actions
CAV112814-1	Air LPG	11/24/2014	VCAPCD Website	Notice Public Hearing	<p>Ventura County Air Pollution Control District Liquefied Petroleum Gas Transfer or Dispensing [Rule 74.33]</p> <p>Announces a public hearing to consider the adoption of proposed new Rule 74.33. This rule is intended to reduce VOC emissions from the transfer and dispensing of LPG. This rule would apply to certain activities involving the transfer of LPG to and from any cargo tank, stationary tank, portable tank, or cylinder. Exemptions include the following sources:</p> <ul style="list-style-type: none"> ▪ Cylinders installed on recreational vehicles ▪ Containers with a capacity of less than 4 gallons <p>Public hearing is scheduled for 01/13/2015 in Ventura, California.</p> <p>Additional information about Rule 74.33 is available in the 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	Suggested Actions
FL112814-1	Species Nassau Grouper	11/21/2014	79 FR 69417 HTML PDF	Notice Hearing	<p>National Oceanic and Atmospheric Administration Endangered and Threatened Species; Proposed Listing Determinations for Nassau Grouper; Public Hearing [50 CFR Part 223]</p> <p>Announces a public hearing to provide background information and accept comments on the proposed listing of the Nassau Grouper as threatened. Hearing is scheduled for 12/09/2014 in St. Thomas, U.S. Virgin Islands. [RIN 0648-XA984]</p> <p>Additional information is available on NOAA's website.</p>	KSC and Aquarius Reef Base Lab should be aware of this action.
FL112814-2	Waste Solid Waste	11/14/2014	FAR Notice #15281106	Notice Rulemaking	<p>Department of Environmental Protection Construction and Demolition Debris Disposal and Recycling [Chapter 62-701.730, F.A.C.]</p> <p>Announces a rulemaking development that would require all construction and demolition debris to be processed at a permitted materials recovery facility or at a permitted disposal facility prior to disposal. Meeting is scheduled for 12/05/2014 in Tallahassee, Florida, or available by webinar.</p>	
FL112814-3	Waste Solid Waste	11/26/2014	FAR Notice #15323689	Proposed Rule Change	<p>Department of Environmental Protection Prohibitions [Chapter 62-701.300, F.A.C.]; Solid Waste Management Facility Permit Requirements, General [Chapter 62-701.320, F.A.C.]; Water Quality Monitoring Requirements [Chapter 62-701.510, F.A.C.]</p> <p>Changes previously proposed rules to update training material submittal requirements and clarify language.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL112814-4	Water BMAPs-Indian River Lagoon	11/25/2014	FAR Notice #15314280	Notice Meeting	Department of Environmental Protection Indian River Lagoon Basin Management Action Plans Announces a meeting to discuss the Indian River Lagoon BMAPs, including the following topics: <ul style="list-style-type: none"> ▪ Brevard County Spatial Watershed Iterative Loading model ▪ New types of nutrient load reduction projects discussed at the last meeting ▪ Seagrass mapping data Meeting is scheduled for 12/05/2014 in Cocoa, 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	Suggested Actions
LA112814-1	Water Water Quality	11/20/2014	WQ088	Final Rule	Louisiana Department of Environmental Quality Revisions to Chapter 11, Surface Water Quality Standards [LAC 33:IX.1105, 1109, and 1119] Finalizes revisions to water quality regulations to update language, grammar, and definitions. Effective 11/20/2014.	

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	Suggested Actions
MD112814-1	Administrative Permitting	12/01/2014	41:24 Md.R. 1459	Notice	Department of the Environment Proposed Calendar Year 2015 Standard Permit Application Turnaround Times Solicits comments on the proposed standard turnaround times for Calendar Year 2015 for all types of permit applications. Comments due 12/28/2014.	
MD112814-2	Air SIP-PSD	11/25/2014	79 FR 70095 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Maryland; Prevention of Significant Deterioration [40 CFR Part 52] Direct final rule to approve revisions to the Maryland SIP that incorporate federal PSD program requirements. Effective 01/26/2015. Comments due 12/26/2014.	

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	Suggested Actions
MS112814-1	Air SIP-Lead	11/18/2014	79 FR 68648 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Mississippi; Infrastructure Requirements for the 2008 Lead National Ambient Air Quality Standards [40 CFR Part 52] Proposes to partially approve and partially disapprove revisions to the Mississippi SIP pertaining to the infrastructure requirements for the 2008 Lead NAAQS. Comments due 12/18/2014.	
MS112814-2	Air SIP-Ozone	11/24/2014	79 FR 69787 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Mississippi; Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards [40 CFR Part 52] Proposes to partially approve and partially disapprove revisions to the Mississippi SIP pertaining to the infrastructure requirements for the 2008 8-hour Ozone NAAQS. Comments due 12/24/2014.	

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	Suggested Actions
NM112814-1	Species Mexican Wolf	11/25/2014	79 FR 70154 HTML PDF	Proposed Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Proposed Revision to the Regulations for the Nonessential Experimental Population of the Mexican Wolf [50 CFR Part 17] Proposes revisions to the regulations for the nonessential experimental population of the Mexican wolf and the draft record of decision. Announces availability of the final EIS on the proposed revisions. Comments due 12/27/2014. [RIN 1018-AY46] Additional information is available at the USFWS 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	Suggested Actions
OH112814-1	Air Emergency Episodes	11/21/2014	DAPC-What's New	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Emergency Episodes and Ambient Air Quality [OAC 3745-25] Adopts minor modifications and typographical corrections in the Emergency Episode and Ambient Air Quality standards. OEPA revised these rules as part of its five-year review. Effective 12/01/2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH112814-2	Air Air Toxics	11/28/2014	DAPC-What's New	Proposed Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Toxic Air Contaminants [OAC 3745-114] Proposes to revise the list of toxic compounds that require modeling as part of the permitting process. Public hearing is scheduled for 01/06/2015 in Columbus, Ohio. Comments due 01/06/2015.	
OH112814-3	Water Water Quality	11/20/2014	DSW-Rules and Laws	Notice	Division of Surface Water, Ohio Environmental Protection Agency Recreational Water Criteria [OAC 3745-1-07] Solicits early stakeholder input on revisions to the Recreational Water Criteria to be consistent with federal rules. OEPA anticipates revisions will include the following: <ul style="list-style-type: none"> ▪ Removing the primary contact recreation subdivisions and condensing them into a single primary contact recreation use. ▪ Revising the geometric mean averaging period to 30 days. ▪ Replacing the existing Single Sample Maximum terminology with the term "Statistical Threshold Value." Comments due 12/22/2014. When adopted, the Recreational Water Criteria would be implemented in programs such NPDES permits and TMDL reports, which may impact NASA Centers.	

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	Suggested Actions
TX112814-1	Air NESHAP	11/25/2014	79 FR 70102 HTML PDF	Final Rule	U.S. Environmental Protection Agency National Emission Standards for Hazardous Air Pollutants; Delegation of Authority to Texas [40 CFR Part 63] Direct final rule to approve delegation of authority to the Texas Commission on Environmental Quality for implementation and enforcement of NESHAPs for all sources. Effective 01/26/2015.	

2.10 Utah State Regulatory Review

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

2.11 Virginia State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA112814-1	Air SIP	11/21/2014	Virginia Town Hall Website	Proposed Rule	Virginia Department of Environmental Quality Demonstration of Compliance with the 2013 NAAQS for PM _{2.5} Proposes revisions to Virginia's SIP to demonstrate compliance with the 2013 NAAQS for PM _{2.5} . Comments due 01/14/2015.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA112814-2	Energy Water	12/01/2014	31:7 V.A.R. 493-494	Notice	Virginia Department of Environmental Quality Small Renewable Energy (Water Related) Permit by Rule Regulation [9VAC15-80] Announces a determination that development of a permit-by-rule for small renewable energy projects generating energy from falling water, wave motion, tides, or geothermal power is not warranted. Effective 11/06/2014.	
VA112814-3	Waste Hazardous Waste	11/24/2104	VDEQ Website	Notice	Virginia Department of Environmental Permit Emergency Permit for Treatment of Hazardous Waste Solicits comments on LaRC's emergency permit to treat the following hazardous wastes: <ul style="list-style-type: none"> ▪ Lithium acetylide solution, D001 and D003 ▪ Azobisisobutyronitrile, D001 and D003 Comments due 12/24/2014.	LaRC should be aware of this action.
VA112814-4	Water Wastewater	12/01/2014	31:7 V.A.R. 369	Notice	Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals, Virginia Department of Professional and Occupational Regulation Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals Regulations [18VAC160-20] Announces general review of regulations to ensure requirements comply with Virginia statutes and industry standards, and provide minimal regulatory burden while protecting the public. Comments due 12/31/2014.	WFF should be aware of this action.