



National Aeronautics and  
Space Administration

**Principal Center for Regulatory Risk Analysis and Communication**

# Regulatory Tracking Summary

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*29 July 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/>.

# Contents of This Issue

<b>Acronyms and Abbreviations</b>	<b>3</b>
<b>1.0 U.S. Federal Regulatory Review</b>	<b>4</b>
1.1 Federal Register Summary	4
1.2 Other News and Developments	6
1.2.1 Montreal Protocol Amendment Updates	6
1.2.2 Global Climate Trends	6
1.2.3 NOAA Guide for Considering Climate Change in Coastal Conservation	7
1.2.4 European Chemicals Agency Updates	7
1.2.5 Corrosion of Diesel Fuel USTs	7
1.2.6 PACE Oceanic Health Mission Kickoff	7
1.2.7 NASA Applied Remote Sensing Training	7
1.2.8 2015 TRI Preliminary Dataset	8
1.2.9 ITRC Petroleum Vapor Intrusion Training	8
1.3 NASA Regulatory Communication Working Group Updates	8
<b>2.0 State Regulatory Reviews</b>	<b>9</b>
2.1 Alabama State Regulatory Review	9
2.2 California State Regulatory Review	9
2.2.1 California Air Districts Regulatory Review	10
2.2.1.1 Antelope Valley Air Quality Management District	10
2.2.1.2 Bay Area Air Quality Management District	10
2.2.1.3 Eastern Kern Air Pollution Control District	11
2.2.1.4 Mojave Desert Air Quality Management District	11
2.2.1.5 South Coast Air Quality Management District	11
2.2.1.6 Ventura County Air Pollution Control District	12
2.3 Florida State Regulatory Review	12
2.4 Louisiana State Regulatory Review	13
2.5 Maryland State Regulatory Review	13
2.6 Mississippi State Regulatory Review	14
2.7 New Mexico State Regulatory Review	14
2.8 Ohio State Regulatory Review	14
2.9 Texas State Regulatory Review	15
2.10 Utah State Regulatory Review	15
2.11 Virginia State Regulatory Review	16

# Acronyms and Abbreviations

3DEP = 3 Dimensional Elevation Program	NMED = New Mexico Environmental Department
AB = Assembly Bill	NO <sub>2</sub> = Nitrogen dioxide
AMP = 2-amino-2-methyl-1-propanol	NOA = Notice of Availability
AQ = Air quality	NOAA = National Oceanic and Atmospheric Administration
ARB = California Air Resources Board	NO <sub>x</sub> = Nitrogen oxides
ARC = Ames Research Center	NPDES = National Pollutant Discharge Elimination System
ARSET = Applied Remote Sensing Training	NRC = Nuclear Regulatory Commission
CCR = <i>California Code of Regulations</i>	NSR = New Source Review
CEQA = California Environmental Quality Act	OAC = Ohio Administrative Code
CFATS = Chemical Facility Anti-Terrorism Standards	OEHHA = Office of Environmental Health Hazard Assessment
CFR = <i>Code of Federal Regulations</i>	OEPA = Ohio Environmental Protection Agency
CRNR = <i>California Regulatory Notice Register</i>	OSHA = Occupational Safety and Health Administration
DAPC = Division of Air Pollution Control	PACE = Plankton, Aerosol, Cloud, ocean Ecosystem
DFSP = Defense Fuel Support Point	ppb = Parts per billion
DHS = U.S. Department of Homeland Security	PHG = Public Health Goal
DMF = n,n-Dimethylformamide	PM <sub>2.5</sub> = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DMWM = Division of Materials and Waste Management	PSD = Prevention of Significant Deterioration
DOT = U.S. Department of Transportation	PSIP = Periodic Smoke Inspection Program
DSW = Division of Surface Water	PVI = Petroleum vapor intrusion
EA = Environmental Assessment	PWSS = Public Water System Supervision
ECHA = European Chemicals Agency	RCAPCD = Riverside County Air Pollution Control District
EEFlux = Earth Engine Evapotranspiration Flux	RECLAIM = Regional Clean Air Incentives Market
EI = Emissions inventory	RIN = Regulatory Identification Number
EIB = Environmental Improvement Board	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EKAPCD = Eastern Kern Air Pollution Control District	RRR = Retrospective Regulatory Review
EPA = U.S. Environmental Protection Agency	RTC = RECLAIM Trading Credit
ESA = Endangered Species Act	SBCAPCD = San Bernardino County Air Pollution Control District
EU = European Union	SCAQMD = South Coast Air Quality Management District
EV = Electric vehicle	SDS = Safety Data Sheet
FAC = Florida Administrative Code	SERC = State Emergency Response Commission
FAR = Florida Administrative Register	SIP = State Implementation Plan
FIRM = Flood Insurance Rate Map	SMAP = Soil Moisture Active Passive
FIS = Flood Insurance Study	SNUR = Significant New Use Rule
FONSI = Finding of No Significant Impact	SO <sub>2</sub> = Sulfur dioxide
FR = <i>Federal Register</i>	SO <sub>x</sub> = Sulfur oxides
FY = Fiscal year	SVHC = Substance of Very High Concern
GACT = General Achievable Control Technology	TAC = Texas Administrative Code
GHG = Greenhouse gas	TexReg = <i>Texas Register</i>
GPS = Global positioning system	TRI = Toxics Release Inventory
GRC = Glenn Research Center	TSCA = Toxic Substances Control Act (amended)
HCS = Hazard Communications Standard	U.S. = United States
HDVIP = Heavy-Duty Vehicle Inspection Program	USGS = U.S. Geological Survey
HFC = Hydrofluorocarbons	UST = Underground storage tank
HW = Hazardous waste	VAC = Virginia Administrative Code
ITRC = Interstate Technology and Regulatory Council	VA.R. = <i>Virginia Register</i>
LAC = Louisiana Administrative Code	VOC = Volatile organic compound
MACT = Maximum Achievable Control Technology	WQCC = Water Quality Control Commission
NAAQS = National Ambient Air Quality Standards	
NASA = National Aeronautics and Space Administration	
NEPA = National Environmental Policy Act	
NESHAP = National Emission Standards for Hazardous Air Pollutants	
NGP = National Geospatial Program	
NIOSH = National Institute for Occupational Safety and Health	

# 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
FED072916-1	Aircraft	07/26/2016	<a href="#">81 FR 48693</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Final Rule Correction	Federal Aviation Administration Fuel Tank Vent Fire Protection; Correction [14 CFR Parts 25, 121, and 129] Finalizes changes to amendment numbers and other editorial corrections in final rule ( <a href="#">81 FR 41200</a> , 06/24/2016). Effective 07/26/2016.
FED072916-2	Chemical Management	07/20/2016	<a href="#">81 FR 47001</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice	U.S. Department of Homeland Security Chemical Facility Anti-Terrorism Standards [6 CFR Part 27] Announces plans to transition to an updated information collection system for CFATS chemical facilities. Also announces temporary suspension of certain submission requirements under the current system. Effective 07/20/2016. <a href="#">Additional information is available on the DHS website.</a>
FED072916-3 <a href="#">Launch planning operations</a> should be aware of this action.	Commercial Space Transportation	07/20/2016	<a href="#">81 FR 47017</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Final Rule	Federal Aviation Administration Changing the Collective Risk Limits for Launches and Reentries and Clarifying the Risk Limit Used To Establish Hazard Areas for Ships and Aircraft [14 CFR Parts 417, 420, 431, and 435] Finalizes amendments, including: <ul style="list-style-type: none"> <li>▪ Separating the collective risk limits for commercial launches and reentries</li> <li>▪ Aggregating and revising the risk limit posed by impacting inert and explosive debris, toxic release, and far field blast overpressure</li> <li>▪ Reducing the number of significant digits used in launch and reentry risk analysis</li> <li>▪ Making various clarifying revisions</li> </ul> Effective 09/19/2016. [RIN 2120-AK06]
FED072916-4	Hazardous Materials Transportation	07/26/2016	<a href="#">81 FR 48977</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Proposed Rule	Pipeline and Hazardous Materials Safety Administration Hazardous Materials: Miscellaneous Amendments Pertaining to DOT-Specification Cylinders (RRR) [49 CFR Parts 107, 171-173, 178 and 180] Proposes the following amendments related to DOT-specification cylinders: <ul style="list-style-type: none"> <li>▪ Incorporate by reference or update references to multiple Compressed Gas Association publications</li> <li>▪ Amend filling requirements for compressed and liquefied gases</li> <li>▪ Expand the use of salvage cylinders</li> <li>▪ Revise and clarify cylinder manufacture and requalification requirements</li> </ul> Comments due 09/26/2016. [RIN 2137-AE80]
FED072916-5	Hazardous Substances	07/21/2016	<a href="#">81 FR 47311</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Final Rule Correction	U.S. Environmental Protection Agency Hazardous Chemical Reporting: Community Right-to-Know; Revisions to Hazard Categories and Minor Corrections; Correction [40 CFR Part 370] Finalizes correction to final rule ( <a href="#">81 FR 38104</a> , 06/13/2016) to include "serious eye damage or eye irritation" in Section 370.66 under the definition of "health hazard." Effective 07/21/2016. [RIN 2050-AG85]
FED072916-6	Radiation	07/29/2016	<a href="#">81 FR 49863</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice	U.S. Nuclear Regulatory Commission Rulemaking Activities Being Discontinued by the NRC [10 CFR Parts 20, 26, 32, 40, 50, 53, 73-74, and 150] Announces discontinuation of certain NRC rulemaking activities, including: <ul style="list-style-type: none"> <li>▪ Controlling the disposition of solid materials</li> <li>▪ Transferring certain source materials by specific licensees</li> <li>▪ Expanding the National Source Tracking System</li> </ul> Effective 07/29/2016. [RINs 3150-AH18; 3150-AG64; 3150-AH81; 3150-AI29; 3150-AI68; 3150-AI50]

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED072916-7	Species	07/27/2016	<a href="#">81 FR 49248 HTML   PDF</a>	Notice	U.S. Fish and Wildlife Service Methodology for Prioritizing Status Reviews and Accompanying 12-Month Findings on Petitions for Listing Under the Endangered Species Act Announces final methodology for prioritizing status reviews and 12-month findings on petitions for listing species under the ESA.
FED072916-8	Technology GPS	07/26/2016	<a href="#">81 FR 48838 HTML   PDF</a>	Notice Meeting	U.S. Geological Survey Announcement of USGS National Geospatial Program (NGP) 3D Elevation Program (3DEP) FY16 Public Webinars in Preparation for the Upcoming Release of the USGS Broad Agency Announcement for 3D Elevation Announces webinars to discuss competitive solicitation and application procedures on the collection of lidar and derived elevation data for the 3DEP. Webinars are scheduled for 08/11/2016 and 08/15/2016. <b>Additional information is available on USGS' website.</b>
FED072916-9	Toxicology	07/26/2016	<a href="#">81 FR 48791 HTML   PDF</a>	Notice Meeting	U.S. Environmental Protection Agency External Peer Review Meeting for Draft Guidelines for Human Exposure Assessment Announces a meeting to review the draft document " <a href="#">Guidelines for Human Exposure Assessment</a> ." Meeting is scheduled to begin 08/15/2016 in Arlington, Virginia.
FED072916-10	Toxic Substances	07/18/2016	<a href="#">81 FR 46696 HTML   PDF</a>	Notice	National Institutes of Health Request for Data and Information on Technologies Used To Identify Substances With the Potential To Cause Acute Systemic Toxicity Solicits comments on current approaches and technologies used to identify substances with potential to cause acute systemic toxicity. Comments due 09/01/2016.
FED072916-11	Toxic Substances SNURs	07/28/2016	<a href="#">81 FR 49598 HTML   PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Significant New Uses of Chemical Substances; Updates to the Hazard Communication Program and Regulatory Framework; Minor Amendments to Reporting Requirements for Premanufacture Notices [40 CFR Parts 720, 721, and 723] Proposes revisions to regulations governing significant new uses of chemical substances, including: <ul style="list-style-type: none"> <li>▪ Aligning regulations with recent OSHA HCS updates and NIOSH requirements related to respiratory protection of workers</li> <li>▪ Clarifying the process for identifying significant new uses</li> <li>▪ Removing the requirement to submit SDSs</li> <li>▪ Making various editorial changes</li> </ul> Comments due 09/26/2016. [RIN 2070-AJ94]
FED072916-12	Toxic Substances TSCA	07/26/2016	<a href="#">81 FR 48789 HTML   PDF</a>	Notice Meeting	U.S. Environmental Protection Agency Processes for Risk Evaluation and Chemical Prioritization for Risk Evaluation Under the Amended Toxic Substances Control Act; Notice of Public Meetings and Opportunities for Public Comment Announces meetings to discuss processes for evaluating and prioritizing chemicals for risk evaluation under TSCA. Meetings are scheduled to begin 08/09/2016 in Washington, D.C.
FED072916-13	Transportation	07/22/2016	<a href="#">81 FR 47850 HTML   PDF</a>	Notice	U.S. Department of Transportation Fixing America's Surface Transportation Act – Designation of Alternative Fuel Corridors Solicits nominations to designate as alternative fuel corridors, including EV charging, hydrogen, propane, and natural gas fueling corridors. Comments due 08/22/2016.
FED072916-14	Vessels Ballast Water	07/18/2016	<a href="#">81 FR 46672 HTML   PDF</a>	Notice Meeting	U.S. Environmental Protection Agency Notification of a Public Teleconference of a Work Group Under the Auspices of the Chartered Science Advisory Board Announces a teleconference to discuss ballast water treatment system effectiveness. Teleconference is scheduled for 08/12/2016.

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED072916-15	Vessels Fire Protection	07/22/2016	<a href="#">81 FR 48219</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Coast Guard Harmonization of Standards for Fire Protection, Detection, and Extinguishing Equipment [33 CFR Parts 140, 145, 148-149; 46 CFR Parts 25, 27-28, 30-32, 34, 50, 56, 70-72, 76, 78, 90-92, 95, 107-108, 113-116, 118, 122, 125, 132, 147, 159-162, 164, 167, 169, 175-177, 181-182, 185, 188-190, and 193] Finalizes updates to standards related to fire detection and alarm systems, fire extinguishers, and fire prevention equipment used on vessels. Effective 08/22/2016. [RIN 1625-AB59]
FED072916-16	Waste Hazardous Waste	07/26/2016	<a href="#">81 FR 49071</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Hazardous Waste Management System; User Fees for the Electronic Hazardous Waste Manifest System and Amendments to Manifest Regulations [40 CFR Parts 262-265 and 271] Proposes amendments to the electronic HW manifest system, including: <ul style="list-style-type: none"> <li>▪ Establishing user fee methodology for electronic and paper manifests</li> <li>▪ Allowing certain uses of mixed electronic and paper manifests</li> <li>▪ Revising regulations related to transporter changes to shipment routing information during transportation</li> <li>▪ Establishing a process for receiving facilities to submit manifest data corrections</li> </ul> Comments due 09/26/2016. [RIN 2050-AG80]
FED072916-17	Water Drinking Water	07/19/2016	<a href="#">81 FR 46839</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Expedited Approval of Alternative Test Procedures for the Analysis of Contaminants Under the Safe Drinking Water Act; Analysis and Sampling Procedures [40 CFR Part 141] Finalizes approval of 16 alternative testing methods for determining compliance with national primary drinking water regulations. Effective 07/19/2016.
FED072916-18	Water Water Quality	07/29/2016	<a href="#">81 FR 49982</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Request for Scientific Views: Draft Aquatic Life Ambient Estuarine/Marine Water Quality Criteria for Copper-2016 Announces availability of the document, " <a href="#">Draft Aquatic Life Ambient Estuarine/Marine Water Quality Criteria for Copper - 2016</a> ." Comments due 09/27/2016. <a href="#">A fact sheet is also available on EPA's website.</a>
FED072916-19	Water Water Resources	07/27/2016	<a href="#">81 FR 49220</a> <a href="#">HTML</a>   <a href="#">PDF</a>	Notice Meeting	U.S. Environmental Protection Agency Board of Scientific Counselors Safe and Sustainable Water Resources Subcommittee; Notification of Public Meeting and Public Comment Announces a meeting to discuss the " <a href="#">Safe and Sustainable Water Resources Strategic Research Action Plan 2016-2019</a> ." Meeting is scheduled to begin 08/24/2016 in Cincinnati, Ohio.

## 1.2 Other News and Developments

### 1.2.1 Montreal Protocol Amendment Updates

The Parties of the Montreal Protocol held [meetings](#) in July 2016, some of which focused on pursuing an amendment to the Protocol to include hydrofluorocarbons (HFCs) in accordance with last year's decision, the "[Dubai Pathway](#)." The Dubai Pathway lays out a process for resolving remaining issues and achieving an amendment to the Montreal Protocol to provide a mechanism to phase down HFC production and consumption globally. HFCs are widely used substances with relatively high global warming potentials but are not ozone depleting substances (ODSs). The [28th Meeting of the Parties](#) is scheduled for October 2016 and will continue to focus on negotiations of an HFC amendment, as well as the continuing ODS phase-out.

### 1.2.2 Global Climate Trends

On 19 July 2016, NASA [announced](#) new records for global surface temperatures and Arctic sea ice extent. The first 6 months of 2016 have been the warmest 6-month period recorded since 1880, when modern temperature recording began, with an average global surface temperature increase

of 1.3 degrees Celsius (2.4 degrees Fahrenheit) compared to the late nineteenth century. In addition, the smallest Arctic sea ice extent was observed during the first 6 months of 2016, with the exception of the month of March, which experienced the second smallest extent for that month since 1979 when reliable satellite records began. Continued observations aim to provide increased understanding of global climate change trends and contributing factors.

### 1.2.3 NOAA Guide for Considering Climate Change in Coastal Conservation

The National Oceanic and Atmospheric Administration's (NOAA's) Office for Coastal Management has recently [released](#) a "[Guide for Considering Climate Change in Coastal Conservation](#)" and the related self-guided training resource "[How to Consider Climate Change in Coastal Conservation](#)." These materials provide a framework for incorporating climate change information and resources into conservation plans, focusing on key resources relevant to coastal watersheds and the coastal environment.

### 1.2.4 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 ([ECHA](#)) has added 4-Heptylphenol, branched and linear, to the [Registry of Intentions](#) for Substances of Very High Concern ([SVHCs](#)). ECHA expects a technical dossier for this family of substances to be submitted by 08 August 2016.

In addition, ECHA recently received a [restriction dossier](#) on n,n-dimethylformamide (DMF). The proposed restriction would set specific exposure limits for DMF, either alone or in mixtures in a concentration of at least 0.3 percent. Additions to the [Registry of Intentions](#) and dossier submittal are the first steps of the process by which substances are considered for restriction under REACH Annex XVII. Although requirements associated with the restriction process do not affect operations in the United States (U.S.) directly, they can affect the global supply chain and potentially reduce the future availability of regulated substances.

### 1.2.5 Corrosion of Diesel Fuel USTs

On 20 July 2016, EPA released a [notice](#) and [report](#) summarizing research on 42 underground storage tanks (USTs) across the U.S. containing diesel fuel. The investigation found that 83 percent of the tanks demonstrated moderate to severe corrosion of interior metal components. EPA advises that there may be a widespread issue affecting both metal and fiberglass USTs and recommends that UST owners assess the interiors of their tank systems to determine if repair or replacement is necessary. Additional information is available through EPA's [website](#).

### 1.2.6 PACE Oceanic Health Mission Kickoff

On 20 July 2016, NASA [announced](#) the Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) mission has been approved to progress beyond the preliminary planning stage. By combining ocean and atmospheric research, the PACE mission aims to further understand the consequences of climate change on the Earth's oceans and the relationship between the oceans, airborne particles, and clouds. Additional information on the mission is available on NASA's [website](#).

### 1.2.7 NASA Applied Remote Sensing Training

NASA's Applied Remote Sensing Training ([ARSET](#)) program will offer webinars and in-person workshops to increase the utility of NASA earth science and model data. Typically, ARSET courses provide information on accessing, appropriate use, visualization, and analysis of NASA data and imagery.

NASA has scheduled an ARSET [webinar series](#) to provide an overview of available Earth observation data and tools for use with water resource applications, including the application of remote sensing to soil moisture, as measured by NASA's Soil Moisture Active Passive ([SMAP](#)) Satellite Mission, and evapotranspiration.

The webinar courses and dates are listed in the following table. Registration is required for attendance.

Course	Training Date
Introduction to Soil Moisture, Evapotranspiration, and an Overview of the SMAP Satellite Mission	09/01/2016
Applications of SMAP Data	09/08/2016
Accessing SMAP Data	09/15/2016
Landsat-based Evapotranspiration Estimates (METRIC) and Google Earth Engine Evapotranspiration Flux (EEFlux) Portal	09/22/2016
MODIS-based Evapotranspiration (ALEXI) and Soil Moisture and Evapotranspiration data from GLDAS/NLDAS	09/29/2016

### 1.2.8 2015 TRI Preliminary Dataset

On 20 July 2016, the U.S. Environmental Protection Agency (EPA) [released](#) the [2015 Toxics Release Inventory \(TRI\) preliminary dataset](#). To inform the public about toxic substance management and releases to the environment, facilities are required to submit information about each TRI-listed substance in use at or above reporting thresholds. The complete 2015 dataset will be discussed in the "TRI National Analysis Report" scheduled for release in January 2017.

### 1.2.9 ITRC Petroleum Vapor Intrusion Training

The Interstate Technology and Regulatory Council (ITRC) is hosting an online [training course](#), scheduled for 30 August 2016, to provide information on how to apply the guidance document, "[Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management \(PVI-1, 2014\)](#)," when evaluating potentially contaminated sites. The training also will provide information on the role of biodegradation on petroleum vapor intrusion (PVI) pathways, how to value a PVI conceptual site model, and how to apply the ITRC PVI 8-step decision process to screen sites for PVI pathways and identify necessary actions. In addition, a 2-day classroom [training](#) course will be offered in September and November 2016 to provide a more in-depth opportunity to enhance the knowledge gained from the online training.

## 1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 17 August 2016, at 10:00 a.m. Central Time.

## 2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

### 2.1 Alabama State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
AL072916-1	Air SIP – NAAQS	07/20/2016	<a href="#">81 FR 47124 HTML</a>   <a href="#">PDF</a>	Proposed Rule	U.S. Environmental Protection Agency Air Plan Approval/Disapproval; Alabama 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 NO <sub>2</sub> NAAQS and disapprove SIP provisions with respect to state boards. Comments due 08/19/2016.
AL072916-2	Air SIP – VOCs	07/29/2016	<a href="#">81 FR 49899 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Air Plan Approval; Alabama: Volatile Organic Compounds [40 CFR Part 52] Direct final rule approves SIP revisions to add the following to the list of substances excluded from the regulatory definition of VOC: <ul style="list-style-type: none"> <li>▪ Trans 1-chloro-3,3,3-trifluoroprop-1-ene (also known as Solstice™ 1233zd(E))</li> <li>▪ 2,3,3,3-tetrafluoropropene</li> <li>▪ 2-amino-2-methyl-1-propanol (AMP)</li> </ul> Effective 09/27/2016. Comments due 08/29/2016.

### 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
CA072916-1	Air Diesel Vehicles	07/20/2016	<a href="#">ARB Website</a>	Notice Workshop	California Air Resources Board Public Workshop to Discuss Potential Changes to Heavy Duty Vehicle Inspection Program and Periodic Smoke Inspection Program and Plans for a Future Heavy Duty Diesel Vehicle Inspection and Maintenance Program Announces workshops to discuss potential regulatory changes to HDVIP and PSIP, including: <ul style="list-style-type: none"> <li>▪ Reducing the allowable opacity limit for heavy-duty diesel vehicles</li> <li>▪ Developing an inspection and maintenance plan for heavy-duty diesel vehicles with a gross vehicle weight rating over 14,000 pounds</li> </ul> Workshops are scheduled for 08/25/2016 in El Monte, California, and 09/09/2016 in Sacramento, California. <a href="#">Additional information is available on ARB's website.</a>
CA072916-2	Air GHGs	07/22/2016	<a href="#">CRNR 2016, 30z, p. 1267</a>	Notice Hearing	California Air Resources Board Public Hearing to Consider Proposed Amendments to the Regulation for the Mandatory Reporting of Greenhouse Gas Emissions [17 CCR 95100] Announces a hearing to discuss proposed <a href="#">amendments</a> to mandatory GHG reporting requirements intended to clarify and revise the following: <ul style="list-style-type: none"> <li>▪ Calculation methodology</li> <li>▪ Records retention</li> <li>▪ Definitions for certain industries</li> </ul> Hearing is scheduled for 09/22/2016 in Sacramento, California. Comments due 09/19/2016. <a href="#">Additional information is available on ARB's website.</a>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA072916-3 <a href="#">ARC</a> should be aware of this action.	Natural Resources NEPA	07/25/2016	<a href="#">81 FR 48404 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Department of Defense Notice of Availability (NOA) for a Finding of No Significant Impact (FONSI) for the Environmental Assessment (EA) Addressing the Closure of Former Defense Fuel Support Point (DFSP) Moffett Field Located in Santa Clara County, California  Announces availability of the <a href="#">final EA</a> and FONSI associated with closure of the former DFSP at Moffett Field, which includes the removal of USTs and associated pipelines and equipment.
CA072916-4	Toxic Substances Antimony	07/22/2016	<a href="#">CRNR 2016, 30z, p. 1289</a>	Notice	Office of Environmental Health Hazard Assessment Proposed Public Health Goals for Antimony in Drinking Water  Announces availability of a revised <a href="#">draft technical support document</a> , which suggests revising the PHG for antimony in drinking water from 20 ppb to 1 ppb. Comments due 08/22/2016.  <b>PHGs define the level of a contaminant in drinking water at which adverse health effects are not expected to occur from lifetime exposure. Antimony is commonly used in the production of fire retardants and plastics. Antimony also is alloyed with other metals used in numerous applications, including solder and batteries. Additional information is available on OEHHA's website.</b>
CA072916-5	Toxic Substances PHGs	07/29/2016	<a href="#">CRNR 2016, 31z, p. 1325</a>	Notice	Office of Environmental Health Hazard Assessment Update to Public Health Goals in Drinking Water  Announces availability of a revised <a href="#">draft technical support document</a> , which proposes updates to PHGs for the following herbicide and pesticide chemicals in drinking water: <ul style="list-style-type: none"> <li>▪ Carbofuran</li> <li>▪ Diquat</li> <li>▪ Endrin</li> <li>▪ Picloram</li> <li>▪ Thiobencarb</li> </ul> Comments due 08/29/2016.  <b>Additional information is available on OEHHA's website.</b>
CA072916-6	Toxic Substances Proposition 65	07/29/2016	<a href="#">CRNR 2016, 30z, p. 1326</a>	Final Rule	Office of Environmental Health Hazard Assessment Updated List of Chemicals Known to Cause Cancer or Reproductive Toxicity [27 CCR 27001]  Announces availability of the updated list of chemicals causing reproductive toxicity or cancer.
CA072916-7	Toxic Substances Proposition 65 – Bromodichloroacetic Acid	07/29/2016	<a href="#">CRNR 2016, 30z, p. 1326</a>	Final Rule	Office of Environmental Health Hazard Assessment Bromodichloroacetic Acid Listed as Known to the State of California to Cause Cancer [27 CCR 25306]  Lists bromodichloroacetic acid as known to the state to cause cancer under the authoritative bodies listing mechanism. Effective 07/29/2016.  <b>Bromodichloroacetic acid can form as a byproduct of chlorine disinfection in water containing natural organic matter and bromide. Additional information is available on OEHHA's website.</b>

## 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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAE072916-1	Air SIP – VOC	07/25/2016	<a href="#">81 FR 48346 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Limited Approval, Limited Disapproval of California Air Plan Revisions, Eastern Kern Air Pollution Control District [40 CFR Part 52] Finalizes limited approval and limited disapproval of revisions to the EKAPCD portion of the SIP to incorporate amendments to <a href="#">Rule 410.4A</a> regarding VOC emissions from motor vehicle and mobile equipment refinishing operations. Effective 08/24/2016.

### 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	Citation	Type Action	Description
CAM072916-1	Air SIP	07/21/2016	<a href="#">81 FR 47302 HTML   PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval of California Air Plan Revisions, Mojave Desert Air Quality Management District, Riverside County Air Pollution Control District, and San Bernardino County Air Pollution Control District [40 CFR Part 52] Direct final rule to approve removal of superseded NSR rules for the RCAPCD and SBCAPCD from the MDAQMD portion of the California SIP. Effective 09/19/2016. Comments due 08/22/2016. <b><a href="#">This editorial action has no regulatory impact on NASA facilities, as the rules to be rescinded have already been superseded by MDAQMD NSR rules.</a></b>

### 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
CAS072916-1	Air Permitting	07/22/2016	<a href="#">SCAQMD Website</a>	Notice Workshop	South Coast Air Quality Management District Notice of Public Workshop: Proposed Amendments to RECLAIM <a href="#">Announces</a> a public workshop to discuss proposed amendments to Regulation XX – Regional Clean Air Incentives Market, <a href="#">Rule 2002</a> – Allocations for NO <sub>x</sub> and SO <sub>x</sub> , including: <ul style="list-style-type: none"> <li>Establishing criteria for determining a facility shutdown and RTC calculation methodology</li> <li>Allowing facilities under common ownership to use shutdown RTCs</li> </ul> Workshop is scheduled for 08/11/2016 in Diamond Bar, California. Hearing is scheduled for 10/07/2016 in Diamond Bar, California. Comments due 08/26/2016. <b><a href="#">Additional information is available in the Preliminary Draft Staff Report and Preliminary Draft Rule Language: Facility Shutdown Provisions document.</a></b>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAS072916-2	Air Permitting	07/22/2016	<a href="#">SCAQMD Website</a>	Notice Workshop	<p>South Coast Air Quality Management District</p> <p>Proposed Amended Rules 307.1, 1401, and 1402 Public Workshop and CEQA Scoping Session</p> <p><a href="#">Announces</a> a workshop and CEQA scoping meeting to discuss various topics, including the following:</p> <ul style="list-style-type: none"> <li>▪ Proposed amendments to <a href="#">Rule 307.1</a>, Alternative Fees for Air Toxics Emissions Inventory, to update references and include a new provision requiring facility owners or operators to pay for costs of public meetings</li> <li>▪ Proposed amendments to <a href="#">Rule 1402</a>, Control of Toxic Air Contaminants from Existing Sources, which would: <ul style="list-style-type: none"> <li>▪ Modify the public notification process</li> <li>▪ Require earlier risk reduction measure implementation for Potentially High Risk Level Facilities</li> <li>▪ Add requirements for submitting Air Toxics Inventory Reports, Health Risk Assessments, and Risk Reduction Plans</li> <li>▪ Reduce implementation time and change time extension requirements</li> </ul> </li> <li>▪ SCAQMD's <a href="#">Draft Public Notification Procedures for Facilities Under the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588) and Rule 1402</a></li> <li>▪ SCAQMD's <a href="#">Draft Guidelines for Participating in the Rule 1402 Voluntary Risk Reduction Program</a></li> </ul> <p>Workshop is scheduled for 08/10/2016 in Diamond Bar, California. Hearing is scheduled for 10/07/2016 in Diamond Bar, California. Comments due 08/24/2016.</p> <p><b>Additional information is available in the Preliminary Draft Staff Report.</b></p>
CAS072916-3	Air SIP	07/25/2016	<a href="#">81 FR 48350 HTML</a>   <a href="#">PDF</a>	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Clean Data Determination for 1997 PM<sub>2.5</sub> Standards; California - South Coast; Applicability of Clean Air Act Requirements [40 CFR Part 52]</p> <p>Finalizes determination of attainment for the South Coast air quality planning area for the 1997 annual and 24-hour PM<sub>2.5</sub> NAAQS based upon data for the 2011 – 2013 monitoring period. Effective 08/24/2016.</p>

### 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
FL072916-1	Air SIP – NAAQS	07/20/2016	<a href="#">81 FR 47094 HTML</a>   <a href="#">PDF</a>	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Air Plan Approval; Florida; Infrastructure Requirements for the 2010 Nitrogen Dioxide National Ambient Air Quality Standard [40 CFR Part 52]</p> <p>Proposes to approve SIP revisions related to infrastructure requirements for the 2010 1-hour NO<sub>2</sub> NAAQS. Comments due 08/19/2016.</p>
FL072916-2	Storage Tanks	07/27/2016	<a href="#">FAR Notices #17811060; #17811351</a>	Proposed Rule	<p>Department of Environmental Protection</p> <p>Underground Storage Tanks [Chapter 62-761, F.A.C.]; Aboveground Storage Tanks [Chapter 62-762, F.A.C.]</p> <p>Proposes to streamline and clarify regulatory language by reorganizing rule requirements. <a href="#">Chapter 62-761, F.A.C.</a> and <a href="#">Chapter 62-762, F.A.C.</a> proposed rule texts are available for review. Comments due 08/17/2016.</p>

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
FL072916-3	Water Drinking Water	07/28/2016	<a href="#">81 FR 49649 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Public Water System Supervision Program Revision for the State of Florida  Announces tentative approval of revisions to Florida's PWSS Program, including the adoption of the following rules: <ul style="list-style-type: none"> <li>▪ Stage 2 Disinfectants and Disinfection Byproducts Rule</li> <li>▪ Long Term 2 Enhanced Surface Water Treatment Rule</li> <li>▪ Ground Water Rule</li> </ul> Comments due 08/29/2016.
FL072916-4	Water NPDES	07/22/2016	<a href="#">FAR Notice #17749756</a>	Proposed Rule	Department of Environmental Protection Scope/Applicability/References [Chapter 62-620.100, F.A.C.]  Proposes to incorporate by reference federal NPDES electronic reporting requirements. Proposed <a href="#">text</a> is available for review. Comments due 08/12/2016.
FL072916-5	Water SJRWMD	07/28/2016	<a href="#">FAR Notice #17814261</a>	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. The <a href="#">meeting agenda</a> is available for review. Meeting is scheduled for 08/09/2016 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
LA072916-1	Air	07/20/2016	<a href="#">AQ359ft</a>	Final Rule	Louisiana Department of Environmental Quality 2015 Annual Incorporation by Reference of Certain Federal Air Quality Regulations [LAC 33:III.506, 507, 2160, 3003, 5116, 5311 and 5901]  <a href="#">Finalizes</a> the incorporation by reference of the following federal regulation updates through 07/01/2015: <ul style="list-style-type: none"> <li>▪ 40 CFR Parts 51–Appendix M</li> <li>▪ 40 CFR Part 60</li> <li>▪ 40 CFR Part 61</li> <li>▪ 40 CFR Part 63</li> <li>▪ 40 CFR Part 68</li> <li>▪ 40 CFR Part 70.6(a)</li> </ul> Effective 07/20/2016.
LA072916-2	Air GHGs	07/18/2016	<a href="#">81 FR 46606 HTML</a>   <a href="#">PDF</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Louisiana; Permitting of Greenhouse Gases [40 CFR Part 52]  Finalizes partial approval and partial disapproval of SIP revisions for regulating and permitting GHGs in the PSD program. Effective 08/17/2016.
LA072916-3	Air SIP	07/20/2016	<a href="#">1607Pot1</a>	Proposed Rule Hearing	Louisiana Department of Environmental Quality Proposed State Implementation Plan (SIP) Revisions  <a href="#">Proposes</a> the following revisions: <ul style="list-style-type: none"> <li>▪ Repeal exemptions provided by LAC 33:III.1507.A and B; LAC 33:III.1107.A; LAC 33:III.2153.B.1.i; LAC 33:III.2307.C.; and LAC 33:III.2201.C.8</li> <li>▪ Amend LAC 33:III Chapter 22 to allow the owner/operator of an affected point source to comply with either: <ul style="list-style-type: none"> <li>▪ Emission factors imposed by LAC 33:III.2201.D at all times (including periods of startup and shutdown)</li> <li>▪ Newly established work practice standards designed to minimize NO<sub>x</sub> emissions during periods of startup and shutdown</li> </ul> </li> </ul> Hearing is scheduled for 08/25/2016 in Baton Rouge, Louisiana. Comments due 08/25/2016.

## 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
MS072916-1	Emergency Planning	07/27/2016	<a href="#">81 FR 49237 HTML</a>   <a href="#">PDF</a>	Notice	Federal Emergency Management Association Proposed Flood Hazard Determinations Announces request for comment and general information for FIRMs and FIS reports affecting the Hancock County floodplain. Comments due 10/25/2016.
MS072916-2	Vessels	07/21/2016	<a href="#">81 FR 47312 HTML</a>   <a href="#">PDF</a>	Final Rule Correction	U.S. Coast Guard Inspection of Towing Vessels [46 CFR Parts 143 and 144] Finalizes corrections to dates in final rule ( <a href="#">81 FR 40003</a> , 06/21/2016). Effective 07/20/2016. [RIN 1625-AB06]

## 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
NM072916-1	Air	07/21/2016	<a href="#">EIB</a>	Notice Meeting	Environmental Improvement Board Notice of Public Meeting for the Environmental Improvement Board Announces a meeting of the EIB scheduled for 08/12/2016 in Santa Fe, New Mexico. <a href="#">Agenda will be available approximately 10 days before the meeting.</a>
NM072916-2	Water	07/28/2016	<a href="#">WQCC</a>	Notice Meeting	Water Quality Control Commission Notice of Public Meeting for the Water Quality Control Commission Announces a meeting of the WQCC scheduled for 08/09/2016 in Santa Fe, New Mexico. <a href="#">Agenda is available on NMED's website.</a>

## 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
OH072916-1 <a href="#">GRC</a> should be aware of this action.	Air SO <sub>2</sub>	07/22/2016	<a href="#">DAPC – What's New</a>	Proposed Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Sulfur Dioxide Regulations [OAC 3745-18] <a href="#">Proposes</a> to amend SO <sub>2</sub> emission regulations, including updating the existing listed emission units and making editorial corrections. Comments due 08/26/2016. <a href="#">Regulations govern SO<sub>2</sub> emissions from fuel-burning equipment, which includes sources at GRC.</a>
OH072916-2 <a href="#">GRC</a> should be aware of this action.	Air Title V	7/22/2016	<a href="#">OEPA Public Notices</a>	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency NASA Glenn Research Center Title V Minor Permit Modification <a href="#">Announces</a> issuance of GRC's Title V minor permit modification for source P009.
OH072916-3	Hazardous Materials Emergency Response	07/21/2016	<a href="#">DAPC – What's New</a>	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency State Emergency Response Commission Administrative Rules [OAC 3750-30-25 and 3750-50-01] <a href="#">Adopts</a> minor revisions to SERC rules related to the identification of hazardous chemicals and annual inventory fees and forms. Effective 08/01/2016.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH072916-4	Waste	07/27/2016	<a href="#">DMWM Website</a>	Proposed Rule Hearing	Division of Materials and Waste Management, Ohio Environmental Protection Agency Beneficial Use Rules [OAC 3745-599] <a href="#">Proposes</a> new regulations for the reuse of certain solid and industrial wastes, including wastes that can be used as fuels or ingredients in combustion units. Hearing is scheduled for 08/29/2016 in Columbus, Ohio. Comments due 08/29/2016.
OH072916-5	Water	07/28/2016	<a href="#">DSW – Rules and Laws</a>	Proposed Rule Hearing	Division of Surface Water, Ohio Environmental Protection Agency Section 401 Water Quality Certification Program [OAC 3745-32 and 3745-45] <a href="#">Proposes</a> to amend water quality regulations related to discharges of dredged or fill materials into waters of the state. Hearing scheduled for 08/31/2016 in Columbus, Ohio. Comments due 08/31/2016.

## 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
TX072916-1	Air	07/22/2016	<a href="#">41 TexReg 5428</a>	Final Rule	Texas Commission on Environmental Quality Adoption of Amendments [30 TAC §101.1 and 101.10] Finalizes adoption of amendments, including revisions to the EI lead threshold and the definition of VOC to align with recent federal changes. Effective 07/28/2016.
TX072916-2	Air SIP	07/22/2016	<a href="#">41 TexReg 5460</a>	Notice Hearing	Texas Commission on Environmental Quality Notice of Public Hearing on Proposed Revisions to 30 TAC Chapter 101 and to the State Implementation Plan Announces a hearing to discuss proposed revisions to clarify that affirmative defense provisions for excess emissions are not intended to limit a federal court's ability to determine appropriate remedies and corresponding revisions to the SIP. Hearing is scheduled for 08/08/2016 in Austin, Texas.
TX072916-3	Air NESHAP	07/22/2016	<a href="#">41 TexReg 5350</a>	Proposed Rule Hearing	Texas Commission on Environmental Quality Proposed Amendments to 30 TAC 113 [30 TAC §113.100, 113.120, 113.190-113.200, 113.290-113.350, 113.380, 113.430, 113.450, 113.560, 113.610, 113.640, 113.660, 113.670, 113.690-113.730, 113.750, 113.780, 113.810, 113.860, 113.1040, 113.1090, 113.1130, 113.1190, 113.1200, 113.1300, 113.1390] Proposes revisions to incorporate federal changes to various NESHAPs for source categories, including MACT and GACT standards. Hearing is scheduled for 08/18/2016 in Austin, Texas. Comments due 08/22/2016.

## 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
UT072916-1	Air SIP	07/19/2016	<a href="#">81 FR 46836 HTML</a>   <a href="#">PDF</a>	Notice	U.S. Environmental Protection Agency Approval and Promulgation of State Implementation Plan Revisions to Permits, Rules and Approval Orders: Utah [40 CFR Part 52] Direct final rule approves SIP revisions related to: <ul style="list-style-type: none"> <li>▪ Removal of changes to the major source baseline date</li> <li>▪ Public availability of good engineering practice stack height demonstrations in the public comment process for an approval order</li> <li>▪ Process for making emission reductions enforceable in an approval order</li> </ul> Effective 09/17/2016. Comments due 08/18/2016.

## 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
VA072916-1	Hazardous Materials Transportation	07/25/2016	<a href="#">32:24 VA.R. 3151</a>	Final Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality Regulations Governing the Transportation of Hazardous Materials [9VAC20-110] Incorporates updated federal regulations (49 CFR Parts 107, 171-180, and 390) related to the transportation of hazardous materials. Effective 08/24/2016.
VA072916-2	Radiation	07/25/2016	<a href="#">32:24 VA.R. 3264</a>	Final Rule	Virginia Department of Health Virginia Radiation Protection Regulations [12VAC5-481] Finalizes changes to the following: <ul style="list-style-type: none"> <li>Decommissioning planning</li> <li>NRC Regulatory Action Tracking System</li> <li>Licenses, certifications, and approvals for materials licenses</li> <li>Technical corrections</li> <li>Requirements for distribution of byproduct material</li> <li>Distribution of source material to exempt persons and to general licensees</li> </ul> Full <a href="#">text</a> is available for review. Effective 08/25/2016.
VA072916-3	Waste Hazardous Waste	07/25/2016	<a href="#">32:24 VA.R. 3140-3145</a>	Final Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality Administrative Procedures for Hazardous Waste Facility Site Certification [9VAC20-40] Finalizes corrections to citations, updates definitions, and updates a title of a referenced regulation. Effective 08/24/2016.
VA072916-4	Waste Hazardous Waste	07/25/2016	<a href="#">32:24 VA.R. 3145-3151</a>	Final Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality Hazardous Waste Facility Siting Criteria [9VAC20-50] Finalizes updates to definitions, removes reference to a state hazardous waste transportation permit, and updates agencies and contact information. Effective 08/24/2016.
VA072916-5	Water Wastewater	07/25/2016	<a href="#">32:24 VA.R. 3265-3273</a>	Final Rule	Virginia Department of Health Sewage Handling and Disposal Regulations [12VAC5-610] Finalizes the following construction, design, and installation requirements for gravelless material and drip dispersal systems: <ul style="list-style-type: none"> <li>Specifications for the construction of gravelless material</li> <li>Requirements for a permeable interface between gravelless material and trench sidewall soil surfaces</li> <li>Criteria for slope, length, sidewall depth, and lateral separation</li> <li>Criteria for determining minimum absorption area</li> <li>Criteria for the substitution of gravelless material</li> <li>Specifications for construction of drip dispersal system components</li> <li>Minimum design and installation requirements for drip dispersal systems</li> </ul> Effective 08/25/2016.
VA072916-6	Water Wells	07/25/2016	<a href="#">32:24 VA.R. 3265</a>	Notice	Virginia Department of Health Waterworks Regulations [12VAC5-590] Announces availability of an updated form, " <a href="#">Uniform Water Well Completion Report</a> ."