



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

19 April 2013

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 "78 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

ARB = Air Resources Board	µg/day = Micrograms per day
ARC = Ames Research Center	MOU = Memorandum of Understanding
ASME = American Society of Mechanical Engineers	MSFC = Marshall Space Flight Center
AVAQMD = Antelope Valley Air Quality Management District	MW = Megawatt
BAAQMD = Bay Area Air Quality Management District	NAA = Nonattainment area
BDCP = Bay Delta Conservation Plan	NAAQS = National Ambient Air Quality Standards
BLM = Bureau of Land Management	NDGPS = Nationwide Differential Global Positioning System
BMP = Best management practice	NEPA = National Environmental Protection Act
CAA = Clean Air Act	NESHAP = National Emission Standards for Hazardous Air Pollutants
CAPCOA = California Air Pollution Control Officers Association	NFS = NASA FAR Supplement
CAS = Chemical Abstract Service	NPDES = National Pollutant Discharge Elimination System
CCL = Contaminant Candidate List	NPG = National Program Guidance
CCP = Comprehensive Conservation Plan	NRC = Nuclear Regulatory Commission
CCR = California Code of Regulations	NSR = New Source Review
CE = Categorical exclusion	OAC = Ohio Administrative Code
CEC = California Energy Commission	ODS = Ozone-depleting substance
CFR = <i>Code of Federal Regulations</i>	OEHHA = Office of Environmental Health Hazard Assessment
COMAR = <i>Code of Maryland Regulations</i>	OEPA = Ohio Environmental Protection Agency
CRNR = California Regulatory Notice Register	OSWER = Office of Solid Waste and Emergency Response
CRT = Climate reserve tonnes	PAG = Protective action guide
DAPC = Division of Air Pollution Control	PIER = Public Interest Energy Research
DEP = Department of Environmental Protection	PM = Particulate matter
DOE = U.S. Department of Energy	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
DSW = Division of Surface Water	PM ₁₀ = Particulate matter having an aerodynamic equivalent diameter of 10 microns or less
DTSC = Department of Toxic Substances Control	PNT = Positioning, navigation, and timing
EA = Environmental Assessment	RBCA = Risk-based corrective action
ECHA = European Chemicals Agency	REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
EDSP = Endocrine Disruptor Screening Program	RIN = Regulatory Identification Number
EIS = Environmental Impact Statement	RMP = Resource Management Plan
ELG = Effluent Limitation Guidelines	ROD = Record of Decision
EPA = U.S. Environmental Protection Agency	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
ERP = Environmental resource permitting	SCAQMD = South Coast Air Quality Management District
EU = European Union	SIP = State Implementation Plan
F.A.C. Florida Administrative Code	SNAP = Significant New Alternative Policy
FAR = Federal Acquisition Regulation	SNUR = Significant New Use Rule
FAR = <i>Florida Administrative Register</i>	SpaceX = Space Exploration Technologies Corporation
FAW = <i>Florida Administrative Weekly</i>	SSC = Stennis Space Center
FEMP = Federal Energy Management Program	SSFL = Santa Susana Field Laboratory
FHWA = Federal Highway Administration	SVHC = Substances of very high concern
FIFRA = Federal Insecticide, Fungicide, and Rodenticide Act	UCMR = Unregulated Contaminant Monitoring Rule
FONSI = Finding of No Significant Impact	U.S. = United States
FR = <i>Federal Register</i>	VAC = Virginia Administrative Code
FWS = U.S. Fish and Wildlife Service	VAFB = Vandenberg Air Force Base
FY = Fiscal year	VA.R = <i>Virginia Register</i>
GHG = Greenhouse gas	VCAPCD = Ventura County Air Pollution Control District
GNSS = Global Navigation Satellite System	VGP = Vessel General Permit
GPS = Global Positioning System	VOC = Volatile organic compound
GRC = Glenn Research Center	VPDES = Virginia Pollution Discharge Elimination System
GSFC = Goddard Space Flight Center	VSMP = Virginia Stormwater Management Program
HCl = Hydrochloric acid	WFF = Wallops Flight Facility
JPL = Jet Propulsion Laboratory	WSTF = White Sands Test Facility
KSC = Kennedy Space Center	
LaRC = Langley Research Center	
MADL = Maximum allowable dose level	
MDEQ = Mississippi Department of Environmental Quality	
Md.R. = <i>Maryland Register</i>	

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
FED041913-1	Acquisitions	04/18/2013	78 FR 23199 HTML PDF	Proposed Rule	National Aeronautics and Space Administration NASA FAR Supplement Regulatory Review No. 1 [48 CFR Parts 1834, 1841, 1846, 1851 and 1852] Proposed rule is the first in a series and includes updates and revisions to five NFS parts in an effort to streamline and clarify requirements. Specifically proposes to align DFAR Appendix F, facilitating comparison of NASA and DoD practices and procedures with regard to DD Form 250. Comments due 06/17/2013. [RIN 2700-AE01]	NASA and contracting procurement offices should be aware of this action.
FED041913-2	Air NESHAPs	04/19/2013	78 FR 23497 HTML PDF	Notice	U.S. Environmental Protection Agency Reconsideration Petition From the National Association of Surface Finishers for the National Emission Standards for Hazardous Air Pollutant Emissions: Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks; and Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants Announces a final action denying a petition for reconsideration of the final rule (77 FR 58219 , 09/19/2012), which established new emission limits for hard and decorative chromium electroplating and chromium anodizing tanks, and steel pickling-HCl process facilities and HCl regeneration plants.	NASA facilities and operations should be aware of this action.
FED041913-3	Air ODS	04/12/2013	78 FR 21871 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Protection of Stratospheric Ozone: Revision of the Venting Prohibition for Specific Refrigerant Substitutes [40 CFR Part 82] Proposes to amend regulations that prohibit anyone from knowingly venting refrigerant substitutes to exempt the following three hydrocarbon refrigerants listed as acceptable or acceptable subject to use conditions under EPA's SNAP Program: <ul style="list-style-type: none"> ▪ Propane ▪ Isobutane ▪ Hydrocarbon blend R-441A Comments due 06/11/2013. [RIN 2060-AM09] Additional information is available on EPA's website.	
FED041913-4	Air SIP	04/12/2013	78 FR 21841 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Region 4 States; Prong 3 Infrastructure Requirement for the 1997 and 2006 Fine Particulate Matter National Ambient Air Quality Standards [40 CFR Part 52] Approves submissions from certain states, including Alabama and Mississippi, for inclusion in their respective SIPs. Approved submissions include provisions prohibiting emissions that interfere with other states' required measures to prevent significant deterioration of air quality. Other applicable infrastructure requirements for the 1997 annual and 2006 24-hour PM _{2.5} NAAQS associated with these states will be addressed in separate rulemakings. Effective 05/13/2013.	MSFC and SSC should be aware of this action.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED041913-5	Air Vehicle Emissions, Fuels	04/08/2013	78 FR 20881 HTML PDF	Notice Hearing	<p>U.S. Environmental Protection Agency</p> <p>Control of Air Pollution From Motor Vehicles: Tier 3 Motor Vehicle Emission and Fuel Standards; Public Hearing and Comment Period [40 CFR Part 80]</p> <p>Announces a hearing to discuss the proposed rule, "Control of Air Pollution from Motor Vehicles: Tier 3 Motor Vehicle Emission and Fuel Standards," which will be published separately in the <i>Federal Register</i>. Proposed regulations would establish more stringent vehicle emissions standards and reduce the sulfur content of gasoline beginning in 2017. Hearing is scheduled for 04/29/2013 in Chicago, Illinois. Comments due 06/13/2013. [RIN 2060-AQ86]</p> <p>Additional information is available on EPA's website.</p>	
FED041913-6	Air VOCs	04/18/2013	78 FR 23149 HTML PDF	Final Rule Withdrawal	<p>U.S. Environmental Protection Agency</p> <p>Air Quality: Revision to Definition of Volatile Organic Compounds—Exclusion of trans 1-chloro-3,3,3-trifluoroprop-1-ene [Solstice™ 1233zd(E)] [40 CFR Part 51]</p> <p>Withdraws the direct final rule (78 FR 11101, 02/15/2013), which revised the definition of VOCs to exclude Solstice™ 1233zd(E). A final rule will be promulgated after EPA addresses comments received. [RIN 2060-AQ38]</p>	
FED041913-7	Commercial Space Transportation	04/08/2013	78 FR 21003 HTML PDF	Notice	<p>Federal Aviation Administration</p> <p>Office of Commercial Space Transportation; Notice of Availability of the Finding of No Significant Impact (FONSI) and Record of Decision (ROD) for Issuing Launch and Reentry Licenses to Space Exploration Technologies Corp. (SpaceX) for Falcon 9 and Falcon Heavy Commercial Launch Operations at Vandenberg Air Force Base (VAFB), California</p> <p>Announces availability of a FONSI/ROD based on the analysis and findings of the U.S. Air Force's March 2011 "Final Environmental Assessment for Falcon 9 and Falcon 9 Heavy Launch Vehicle Programs from Space Launch Complex 4 East."</p>	
FED041913-8	Commercial Space Transportation	04/19/2013	78 FR 23629 HTML PDF	Notice	<p>Federal Aviation Administration</p> <p>Office of Commercial Space Transportation; Notice of Availability and Request for Comment on the Draft Environmental Impact Statement for the SpaceX Texas Launch Site</p> <p>Announces availability of and requests comments on the "Draft Environmental Impact Statement for the SpaceX Texas Launch Site." Hearing is scheduled for 05/07/2013 in Brownsville, Texas. Comments due 06/03/2013.</p>	
FED041913-9	Hazardous Materials Transportation	04/19/2013	78 FR 23503 HTML PDF	Final Rule	<p>Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation</p> <p>Hazardous Materials; Temporary Reduction of Registration Fees [49 CFR Part 107]</p> <p>Finalizes reduced registration fees for registration year 2013-2014 for all persons that transport or offer for transportation in commerce certain categories and quantities of hazardous materials. After the 2013-2014 registration year, registration fees will return to 2012-2013 registration year levels. Effective 04/19/2013. [RIN 2137-AE95]</p>	NASA facilities and operations should be aware of this action.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED041913-10	Procurement Biobased Products	04/08/2013	78 FR 20783 HTML PDF	Final Rule Withdrawal	Office of Procurement and Property Management; U.S. Department of Agriculture Designation of Product Categories for Federal Procurement [7 CFR Part 3201] Withdraws the final rule (78 FR 19393 , 04/01/2013) that amended the "Guidelines for Designating Biobased Products for Federal Procurement," because the rule was published prematurely. The final rule will be promulgated at a later time. [RIN 0599-AA16]	NASA and contractor procurement offices should be aware of this action.
FED041913-11	Radiation	04/15/2013	78 FR 22257 HTML PDF	Notice	U.S. Environmental Protection Agency Updates to Protective Action Guides Manual: Protective Action Guides (PAGs) and Planning Guidance for Radiological Incidents Announces availability for interim use and review of updated guidance in the revised 2013 PAG Manual- Protective Action Guides and Planning Guidance for Radiological Incidents . Revisions include the following: <ul style="list-style-type: none"> Applies PAGs to incidents other than nuclear power plant accidents. Updates the radiation dosimetry and dose calculations based on current science. Incorporates late phase guidance. Also solicits input regarding drinking water PAGs. Comments due 07/15/2013.	NASA programs and facilities working with significant quantities of radionuclides should be aware of this action.
FED041913-12	Technology GPS	04/16/2013	78 FR 22554 HTML PDF	Notice	U.S. Coast Guard; Research and Innovative Technology Administration, U.S. Department of Transportation Nationwide Differential Global Positioning System (NDGPS) Solicits comments to assist in analyzing the NDGPS regarding the following: <ul style="list-style-type: none"> Current and future usage of the NDGPS Purpose for retaining the NDGPS Impacts if NDGPS signals were not available NDGPS alternatives Alternative uses for the existing NDGPS infrastructure This analysis will be used to support future NDGPS investment decisions beyond FY 2016. Comments and related materials due 07/15/2013. The NDGPS was designed to broadcast signals to improve the accuracy and integrity of GPS-derived positions for surface transportation and other applications.	
FED041913-13	Technology GPS	04/19/2013	78 FR 23598 HTML PDF	Notice Meeting	National Aeronautics and Space Administration National Space-Based Positioning, Navigation, and Timing (PNT) Advisory Board; Meeting Announces a meeting to discuss the following agenda items: <ul style="list-style-type: none"> Update about U.S. Space-Based PNT Policy and GPS modernization. Explore opportunities for enhancing the interoperability of GPS with other emerging international GNSS. Examine emerging trends and requirements for PNT services. Prioritize current and planned GPS capabilities and services while assessing future PNT architecture options. Assess current and projected economic impact of GPS on the U.S. and consider effects of potential PNT service degradation if adjacent radio-band spectrum interference is introduced. Meeting is scheduled for 05/07/2013 and 05/08/2013 in Washington, D.C.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED041913-14	Toxic Substances	04/16/2013	78 FR 22518 HTML PDF	Notice	<p>Consumer Product Safety Commission</p> <p>Request for Information Regarding Third Party Testing for Lead Content, Phthalate Content, and the Solubility of the Eight Elements Listed in ASTM F963-11</p> <p>Solicits information about materials that generally might be considered to contain safe levels or to be free of substances prohibited under certain consumer products rules. Comments due 06/17/2013.</p>	
FED041913-15	Toxic Substances Endocrine Disruptors	04/17/2013	78 FR 22873 HTML PDF	Notice Meeting	<p>U.S. Environmental Protection Agency</p> <p>FIFRA Scientific Advisory Panel; Notice of Public Meeting</p> <p>Announces a meeting to consider and review Weight-of-Evidence: Evaluating Results of EDSP Tier 1 Screening. Meeting is scheduled for 07/30/2013 through 08/02/2013 and will be available as a webcast. Comments due 07/16/2013.</p>	
FED041913-16	Toxic Substances Mercury	04/19/2013	78 FR 23548 HTML PDF	Notice	<p>U.S. Department of Energy</p> <p>Draft Supplemental Environmental Impact Statement for the Long-Term Management and Storage of Elemental Mercury</p> <p>Announces availability of the "Draft Long-Term Management and Storage of Elemental Mercury Supplemental Environmental Impact Statement."</p> <p>The DOE plans to identify a facility or facilities for long-term management and storage of elemental mercury generated in the U.S.; therefore, the EIS was issued to analyze reasonable alternatives for locating and developing such a facility in the vicinity of Carlsbad, New Mexico. Hearings are scheduled for the following dates and locations:</p> <ul style="list-style-type: none"> ▪ 05/07/2013 in Carlsbad, New Mexico ▪ 05/09/2013 in Albuquerque, New Mexico <p>Comments due 06/03/2013.</p> <p>Additional information is available on the Mercury Storage EIS website.</p>	
FED041913-17	Toxic Substances SNUR	04/18/2013	78 FR 23184 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Proposed Significant New Use Rules on Certain Chemical Substances [40 CFR Part 721]</p> <p>Proposes SNURs for the following chemical substances:</p> <ul style="list-style-type: none"> ▪ Distillates (lignocellulosic), C5-40 ▪ Paraffin waxes (lignocellulosic) hydrotreated, C5-40-branched, cyclic and linear ▪ Naphtha (lignocellulosic), hydrotreated, C5-12-branched, cyclic and linear ▪ Kerosene (lignocellulosic), hydrotreated, C8-16-branched, cyclic and linear ▪ Distillates (lignocellulosic), hydrotreated, C8-26-branched, cyclic, and linear ▪ Residual oils (lignocellulosic), hydrotreated, C20-40-branched, cyclic, and linear ▪ Vinylidene ester (generic) <p>Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for an activity that is designated as a significant new use by this proposed rule. Comments due 05/20/2013. [RIN 2070-AB27]</p>	NASA should be aware of this action.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED041913-18	Water Drinking Water	04/16/2013	78 FR 22540 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notice of Public Meeting/Webinar: EPA Method Development Update on Drinking Water Testing Methods for Contaminant Candidate List Contaminants Announces a public meeting to discuss analytical testing procedures for unregulated contaminants in drinking water that are on, or are being considered for inclusion on, the CCL. The purpose of the meeting is to discuss methods currently in development for many CCL contaminants, with an expectation that several of these methods will support future cycles of the UCMR program. Meeting is scheduled for 05/15/2013 and will be available as a webinar . Meeting materials, which will be available at a later date, will provide a comment deadline. Additional information regarding the UCMR program is available on EPA's website.	
FED041913-19	Water NPDES-VGP	04/12/2013	78 FR 21938 HTML PDF	Notice	U.S. Environmental Protection Agency Final National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges Incidental to the Normal Operation of a Vessel Finalized the NPDES VGP to authorize discharges incidental to the normal operation of non-military and non-recreational vessels greater than or equal to 79 feet in length. The VGP will replace the current VGP. Effective 12/19/2013.	MSFC should be aware of this action, which might apply to the Pegasus Barge.

1.2 Other News and Developments

1.2.1 EPA Releases Two Vapor Intrusion Guidance Documents for External Review

EPA has [released](#) two draft vapor intrusion guidance documents for external review. [Vapor intrusion](#) is the migration of volatile chemicals from contaminated groundwater or soil into indoor air of an overlying building. The first draft document, "[OSWER Final Guidance for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Sources to Indoor Air](#)," is a general guidance for most vapor intrusion situations. The second draft document, "[Guidance for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank Sites](#)," is focused on petroleum hydrocarbons released from underground storage tank sites. These guidance documents are intended to ensure vapor intrusion exposure assessment and mitigation actions are undertaken in a technically, scientifically, and nationally consistent manner. Comments on both documents are due 24 May 2013.

1.2.2 European Chemicals Agency Updates

On 26 March 2013, as part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals ([REACH](#)), the European Chemicals Agency ([ECHA](#)) added trixylyl phosphate (CAS No. 25155-23-1) to the [Registry of Intentions](#) for substances of very high concern ([SVHCs](#)). SVHCs are substances identified as potentially posing risks to human health or the environment. Trixylyl phosphate may be used as a flame retardant additive in certain industrial applications, such as hydraulic fluids.

ECHA expects the technical dossier for trixylyl phosphate to be submitted on 05 August 2013. Dossier submittal is the first step of the process by which substances are considered for designation as SVHCs and addition to [the Candidate List for Authorization](#). Substances on the Candidate List potentially could be added to the REACH [Authorization List](#) (Annex XIV).

Although such requirements do not affect operations in the U.S. directly, they can affect the global supply chain and reduce the availability of regulated materials.

1.2.3 NASA's Ames Research Center Wins 2012 NASA Government Invention of the Year

On 09 April 2013, NASA [announced](#) that Ames Research Center ([ARC](#)) won the 2012 NASA Government Invention of the Year Award for the creation of a one-square-centimeter [sensor](#) that can detect chemicals in ambient air. The device can be plugged into mobile devices to collect, process, and transmit air quality data, including low concentrations of ammonia, chlorine gas, and methane. Current applications of the sensor include the detection of trace gases in the crew cabin on the International Space Station. Potential future uses could include environmental monitoring, industrial process monitoring and control, and biomedical diagnosis.

1.2.4 EPA Publishes 2011 National Greenhouse Gas Inventory

On 15 April 2013, EPA [released](#) the 2011 U.S. [Greenhouse Gas \(GHG\) Inventory](#). GHGs are gases that retain and emit infrared radiation into the atmosphere, which might lead to increased surface temperatures, changes in weather extremes, and increases in ground-level ozone concentrations. [The Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2011](#) tracks annual GHG emissions on the national level and presents historical emissions and trends. It also calculates carbon dioxide emissions that are removed from the atmosphere by carbon sinks, such as the uptake of carbon by forests, vegetation, soils, and other natural processes. The 2011 GHG inventory reports that total GHG emissions in the U.S. decreased by 1.6 percent in 2011 compared to 2010 levels.

1.2.5 EPA Releases Draft 2014 National Program Guidance Documents

On 15 April 2013, EPA [released](#) draft National Program Guidance ([NPG](#)) for FY 2014. The draft FY 2014 NPG provides a national framework for the implementation of EPA's "[FY 2014 Annual Plan and Budget](#)" and "[FY 2011-2015 Strategic Plan](#)." EPA regions follow the NPG to establish work plans and work-sharing strategies with states and other entities. EPA is accepting [comments](#) on the draft FY 2014 NPG until 09 May 2013. The NPG documents released by individual EPA offices are as follows:

- [Office of Air and Radiation](#)
- [Office of Solid Waste and Emergency Response](#)
- [Office of Enforcement and Compliance Assurance](#)
- [Office of Water](#)
- [Office of Chemical Safety and Pollution Prevention](#)
- [National Environmental Performance Partnership System](#)
- [Office of Environmental Information](#)
- [Office of International Tribal Affairs](#)

1.2.6 New Guidance for Renewable Energy Projects and Federal Facilities

The DOE's Federal Energy Management Program ([FEMP](#)) recently [released](#) the "[Large-Scale Renewable Energy Guide: Developing Renewable Energy Projects Larger than 10 MWs at Federal Facilities](#)" guidance document that provides best practices for renewable energy projects at federal facilities. FEMP is responsible for encouraging and promoting sustainable energy management at federal facilities and also is involved in sustainable fleet management.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 15 May 2013, at 10 a.m. CT.

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 the state of 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
CA041913-1	Fuels Alternative Fuels	04/09/2013	ARB Website	Notice Workshop	<p>California Air Resources Board</p> <p>Public Workshop Regarding Alternative Fuel Conversion Certification for New and In-use Vehicles and Engines</p> <p>Announces a public workshop to discuss proposed amendments to the alternative fuel conversion certification procedures for new and in-use vehicles and engines. Public hearing is scheduled for 05/01/2013 in El Monte, California. Comments due 05/01/2013.</p> <p>Alternative fuel conversions involve reconfiguring a previously certified gasoline or diesel vehicle or engine to operate on natural gas, propane, alcohols, or a blend of conventional and alternative fuels.</p>	
CA041913-2	Natural Resources NEPA	04/08/2013	78 FR 21004 HTML PDF	Notice	<p>Federal Highway Administration, U.S. Department of Transportation</p> <p>Proposed MOU Revision Assigning Certain Federal Environmental Responsibilities to the State of California, Including NEPA Authority for CEs</p> <p>Proposes to renew and amend a 06/07/2010 MOU between FHWA and the state that assigned to the state the authority to determine whether activities are categorically excluded from preparation of an EA or EIS under NEPA. MOU renewal would extend state responsibilities for another 3 years. Comments due 05/08/2013.</p>	
CA041913-3	Species	04/10/2013	78 FR 21397 HTML PDF	Notice	<p>U.S. Fish and Wildlife Service</p> <p>Don Edwards San Francisco Bay National Wildlife Refuge, Alameda, Santa Clara, and San Mateo Counties, California</p> <p>Announces availability of the "Final CCP" for the Don Edwards San Francisco Bay National Wildlife Refuge, which describes planned management of the refuge over the next 15 years. Implementation of the plan will begin immediately.</p> <p>More information is available on the FWS website.</p>	ARC should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA041913-4	Toxic Substances Bisphenol A	04/11/2013	OEHHA Website	Final Rule	Office of Environmental Health Hazard Bisphenol A Effectively Listed as Known to Cause Reproductive Toxicity [27 CCR 25306] Adds bisphenol A to the list of substances known to the state to cause reproductive toxicity by the "authoritative bodies" mechanism. Effective 04/11/2013. Bisphenol A is a component in polycarbonates and epoxy resins.	NASA operations using materials made using bisphenol A should be aware of this action.
CA041913-5	Toxic Substances Green Chemistry	04/10/2013	DTSC Website	Notice	Department of Toxic Substances Control Safer Consumer Product Regulations Announces availability of post-hearing, revised text for the Safer Consumer Product Regulations that includes revised definitions in Section 69501.1 and Candidate Chemicals Identification information Section 69502.2. A summary of proposed revisions is available for review.	
CA041913-6	Toxic Substances Methanol	04/18/2013	CRNR 2013, 16z, p. 591	Final Rule	Office of Environmental Health Hazard Assessment Specific Regulatory Levels: Chemicals Causing Reproductive Toxicity [27 CCR 25805] Adopts the following MADLs for methanol: <ul style="list-style-type: none"> ▪ 47,000 µg/day for inhalation ▪ 23,000 µg/day for ingestion Effective 07/01/2013. More information is available on the OEHHA website.	
CA041913-7	Toxic Substances Proposition 65	04/11/2013	OEHHA Website	Notice	Office of Environmental Health Hazard Assessment Chemicals Known to the State to Cause Cancer or Reproductive Toxicity [27 CCR 25306] Announces availability of the updated list of substances known to the state to cause cancer or reproductive toxicity.	
CA041913-8	Water	04/12/2013	CRNR 2013, 15z, p. 570	Notice	State Water Resources Control Board Los Angeles Region Basin Plan—Administrative Updates to Chapters 2 and 7 [23 CCR 3930] Announces the implementation of approved amendments to Chapters 2 and 7 of the Los Angeles Basin Regional " Water Quality Control Plan ," which updates surface and groundwater maps, as well as corresponding beneficial use tables.	JPL and SSFL should be aware of this action.

2.2.1 Availability of Public Interest Energy Research Annual Report

On 02 April 2013, the California Energy Commission (CEC) [released](#) the "[2012 Public Interest Energy Research \(PIER\) Annual Report](#)," which summarizes advances in clean energy research and highlights projects designed to improve reliability of the state's electricity supply, boost building and appliance energy efficiencies, and increase renewable power sources. The report also provides savings estimates resulting from PIER's advancements in data center cooling, demand response, and building energy measurement technologies.

2.2.2 Draft Bay Delta Conservation Plan

The California Natural Resources Agency recently [released](#) Chapters [1 through 7](#) of the draft "[Bay Delta Conservation Plan](#)" (BDCP) for review. The BDCP is a comprehensive conservation strategy that focuses on protecting fish and wildlife while considering California's human and economic needs. The California Natural Resources Agency plans to release Chapters 8 through 12 in early May 2013. Additional information is available on the [BDCP website](#).

2.2.3 California’s Progress Toward Clean Air

On 11 April 2013, the California Air Pollution Control Officers Association (CAPCOA) [announced](#) the release of the third annual collaborative state of the air report, “[California’s Progress Toward Clean Air](#).” The report provides current information about regional and joint efforts across California to meet federal air quality standards, as well as air quality trends and detailed descriptions for each air district. The report also contains statistical information regarding ozone and particulate matter air quality for 2000 and 2012 for each county. Additional information is available on the [CAPCOA website](#).

2.2.4 Carbon Credit Trading Partnership

On 02 April 2013, the Climate Action Reserve [announced](#) a partnership with the Carbon Trade Exchange, allowing carbon market participants to trade Climate Reserve Tonnes (CRTs) through a commodities exchange. This partnership has the potential to influence growth in California's compliance carbon market, with more than 12 million qualified CRTs for exchange as Early Action Offset Credits in California's market.

2.2.5 Summary of Potential Cap-and-Trade Amendments

On 09 April 2013, the California Air Resources Board (ARB) announced its intent to begin a public process to propose additional amendments to the Cap-and-Trade Regulation and released a [summary](#) of the following new topics for consideration:

- Resource shuffling
- Legacy contracts
- Combined heat and power
- Emissions leakage
- Universities
- Offset program implementation
- New offset protocols
- Cost containment
- Product-based benchmarks
- Allowance allocation
- Waste to energy
- Renewable energy credits
- Implementation of auction and trading requirements
- Compliance instrument tracking system service and information disclosure
- Market rules

Information for upcoming workshops will be posted on the [ARB website](#) when available.

2.2.6 California Air Districts Regulatory Review

2.2.6.1 Antelope Valley Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAA041913-1	Air SIP	04/11/2013	78 FR 21545 HTML PDF	Final Rule	U.S. Environmental Protection Agency Revisions to the California State Implementation Plan, Antelope Valley Air Quality Management District and Monterey Bay Unified and Santa Barbara County Air Pollution Control Districts [40 CFR Part 52] Direct final rule approves revisions to the AVAQMD portion of the SIP regarding emission statement submittals as adopted in local Rule 107 . Comments due 05/13/2013. Effective 06/10/2013.	

2.2.6.2 Bay Area Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAB041913-1	Air	04/10/2013	BAAQMD Website	Notice	<p>Bay Area Air Quality Management District Annual Emissions Monitoring Data Summary</p> <p>Announces the release of the "2012 Annual Bay Area Air Quality Summary" of emissions data collected by air monitors across the region. Monitored pollutants included in the summary include the following:</p> <ul style="list-style-type: none"> ▪ Particulate matter ▪ Ozone ▪ Nitrogen dioxide ▪ Sulfur dioxide ▪ Carbon monoxide 	
CAB041913-2	Air Fees	04/15/2013	BAAQMD Website	Notice Hearing	<p>Bay Area Air Quality Management District Fees [Regulation 3] and Open Burning [Regulation 5]</p> <p>Announces a public hearing to consider the following proposed amendments to Regulations 3 and 5:</p> <ul style="list-style-type: none"> ▪ Fee increases for certain permit operations, new and modified source reviews, emission banking, compliance plans, and permit renewal processing ▪ New fees for transfer of ownership, certificate of exemptions, incident response, and open burning ▪ Language clarifications for permit renewals and late fee payments <p>Public hearings are scheduled for the following dates in San Francisco, California:</p> <ul style="list-style-type: none"> ▪ 05/15/2013 ▪ 06/19/2013 <p>Comments due 06/05/2013. Effective 07/01/2013.</p>	

2.2.6.3 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](#).

2.2.6.4 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](#).

2.2.6.5 South Coast Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS041913-1	Air SIP-PM	04/08/2013	78 FR 20868 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Designation of Areas for Air Quality Planning Purposes; State of California; PM ₁₀ ; Redesignation of the South Coast Air Basin to Attainment; Approval of PM ₁₀ Redesignation Request and Maintenance Plan for the South Coast Air Basin [40 CFR Parts 52 and 81] Proposes to approve the following: <ul style="list-style-type: none"> Revisions to the California SIP Redesignation of the Los Angeles-South Coast Air Basin PM₁₀ NAAQS NAA PM₁₀ maintenance plan Attainment year emissions inventory Comments due 05/08/2013.	
CAS041913-2	Air SIP-VOCs	04/11/2013	78 FR 21542 HTML PDF	Final Rule	U.S. Environmental Protection Agency Revisions to the California State Implementation Plan, Santa Barbara County Air Pollution Control District and South Coast Air Quality Management District [40 CFR Part 52] Direct final rule approves the SCAQMD portion of the SIP regarding VOC emissions from certain source categories, including the transfer and dispensing of gasoline as adopted in local Rule 461 . Effective 06/10/2013. Comments due 05/13/2013.	

2.2.6.6 Ventura County Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAV041913-1	Air Fees	04/09/2013	VCAPCD Website	Final Rule	Ventura County Air Pollution Control District Permit Fees [Rule 42] Finalizes amendments to Rule 42 , which will increase permit fees by 3 percent as of 07/01/2013. Further details are available in the " Final Staff Report ." Effective 04/09/2013.	

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
FL041913-1	Air	04/12/2013	FAR Notice #12848928	Proposed Rule	Department of Environmental Protection Federal Regulations Adopted by Reference [Chapter 62-204.800, F.A.C.] Proposes to incorporate requirements of federally approved and delegated air pollution programs. Proposed rule text is available for review. Comments due 05/03/2013.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL041913-2	Radiation	04/19/2013	FAR Notice #12899465	Proposed Rule	<p>Department of Health Control of Radiation Hazards [Chapter 64E-5, F.A.C.]</p> <p>Proposes the following amendments:</p> <ul style="list-style-type: none"> ▪ Clarify the use of radioactive materials or radiation from radioactive materials to maintain compatibility with the U.S. NRC. ▪ Provide exemptions for use of certain discrete sources. ▪ Change select definitions. ▪ Add accelerator-produced Nitrogen 13 and Oxygen 15 isotopes to the table of allowable radiation doses to occupational workers. ▪ Clarify how out-of-state licensees that use radioactive materials in Florida can dispose of radioactive materials in the state. ▪ Require a permanent location within the state to be issued a specific radioactive materials license. <p>Proposed rule text is available for review. Comments due 05/10/2013.</p>	KSC should be aware of this action.
FL041913-3	Remediation RBCA	04/09/2013	FAR Notice #12788691	Notice Change	<p>Department of Environmental Protection Contaminated Site Cleanup Criteria [Chapter 62-780, F.A.C.]</p> <p>Changes proposed rule (FAW Notice #11834221, 09/07/2012) to repeal RBCA rule chapters, and consolidates them into Chapter 62-780, F.A.C., to clarify references.</p>	
FL041913-4	Water Clean Marina	04/15/2013	FAR Notice #12864545	Notice Workshop	<p>Department of Environmental Protection Clean Marina Compliance Assistance Workshop</p> <p>Announces a workshop for new and existing marine and freshwater marinas, boatyards, and retailers to discuss the following topics:</p> <ul style="list-style-type: none"> ▪ Marina safety measures ▪ Regulations ▪ BMPs ▪ Clean Marina Program <p>Workshop is scheduled for 05/15/2013 in St. Petersburg, Florida.</p>	
FL041913-5	Water ERP	04/12/2013	FAR Notice #12792959	Proposed Rule	<p>Department of Environmental Protection Environmental Resource Permitting [Chapter 62-330, F.A.C.]</p> <p>Proposes the development of statewide ERP rules to regulate construction, alteration, operation, maintenance, repair, abandonment, and removal of the following:</p> <ul style="list-style-type: none"> ▪ Stormwater management systems ▪ Dams ▪ Impoundments ▪ Reservoirs ▪ Appurtenant works <p>Proposed rule text is available for review. Hearing is scheduled for 05/06/2013 in Tallahassee, Florida, and will be available by webinar.</p> <p>Further information is available on the DEP ERP rulemaking website.</p>	KSC should be aware of this action.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL041913-6	Water ERP	04/15/2013	FAR Notice #12881132 ; FAR Notice #12885885	Notice Correction	Department of Environmental Protection Purpose and Implementation [Chapter 62-330.010, F.A.C.]; Regulated Activities [Chapter 62-330.020, F.A.C.]; Definitions [Chapter 62-330.021, F.A.C.]; Procedures for Review and Agency Action on Exemption Requests [Chapter 62-330.050, F.A.C.] Corrects proposed rule (FAR Notice #12792959 , 04/12/2013) to amend inadvertent duplication of rules and to clarify rule's effects on other rules.	
FL041913-7	Water Groundwater	04/17/2013	FAR Notice #12888698	Notice Meeting	Department of Environmental Protection Florida Water Resources Monitoring Council Salinity Network Workgroup Announces a meeting to discuss development of indexes for groundwater levels and groundwater quality. Webinar is scheduled for 05/01/2013.	

2.4 Louisiana State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Louisiana.

2.5 Maryland State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Maryland.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD041913-1	Occupational Safety Elevators and Escalators	04/19/2013	40:8 Md.R. 730	Proposed Rule	Department of Labor, Licensing, and Regulation Elevator, Escalator, and Chairlift Safety Proposes to incorporate by reference certain sections of the ASME A17.1-2010/CSA B44-10 Safety Code for Elevators, Escalators, and ASME A17.2-2010 Guide for Inspection of Elevators, Escalators, and Moving Walks. Comments due 05/20/2013.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD041913-2	Water Stormwater-Permit	04/19/2013	40:8 Md.R. 766	Notice	<p>Department of the Environment General Permit for Discharges from Stormwater Associated with Industrial Activities</p> <p>Solicits comments on the following items prior to the final permit determination for General Discharge Permit No. 12SW (NPDES No. MDR00):</p> <ul style="list-style-type: none"> Replace requirement that all generic "FLEETs" obtain coverage with the specific sectors of the Department of Public Works and Highway Maintenance Facilities. Clarify the basis of the specific numerical water quality limits. Specify that a no exposure certification does not relieve a facility from the obligation to obtain permit coverage, but would exempt the facility from certain requirements Adds a section for "Inactive and Unstaffed Sites." Adjusts metal benchmarks in the permit to be consistent with COMAR 26.08.02.03-3. Removes "Source-Separated Recycling" from benchmark categories. Adds permit requirements for benchmark monitoring for certain sections, including Sector L (Landfills, Land Application Sites). <p>Draft permit is available for review. Comments due 05/20/2013.</p>	GSFC should be aware of this action.

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
MS041913-1	Air SIP-PM _{2.5}	04/08/2013	78 FR 20793 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Mississippi; 110(a)(2)(E)(ii) Infrastructure Requirements for the 1997 and 2006 Fine Particulate Matter National Ambient Air Quality Standards [40 CFR Part 50]</p> <p>Finalizes the following actions for the Mississippi SIP pertaining to the 1997 annual and 2006 24-hour PM_{2.5} NAAQS:</p> <ul style="list-style-type: none"> Approves in part revisions to the submission involving the public interest requirements of the CAA and the conflict of interest disclosure provisions. Disapproves Mississippi's submission only as it pertains to compliance with the significant portion of income requirements of the CAA. Includes substantive SIP revisions with MDEQ's 10/11/2012 submission. <p>Effective 04/08/2013.</p>	SSC should be aware of this action.

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
NM041913-1	Natural Resources	04/12/2013	78 FR 21965 HTML PDF	Notice	<p>Bureau of Land Management, U.S. Department of the Interior</p> <p>Notice of Availability of the Draft Tri-County Resource Management Plan and Draft Environmental Impact Statement for the Las Cruces District Office, New Mexico [40 CFR Part 1506]</p> <p>Announces availability of the "Tri-County RMP and EIS" for public comment. The revised plan is intended to replace the White Sands RMP from 1986 and will assist with management decisions for land uses, including the following:</p> <ul style="list-style-type: none"> ▪ Renewable energy siting ▪ Outdoor recreation management ▪ Special status species habitat ▪ Proposals for special designations ▪ Land tenure adjustments <p>Proposed changes are intended to affect only BLM-administered public lands and federal mineral estates. Public meetings are scheduled for the following dates and locations:</p> <ul style="list-style-type: none"> ▪ 04/23/2013 in Las Cruces, New Mexico ▪ 04/30/2013 in Alamogordo, New Mexico ▪ 05/08/2013 in Truth or Consequences, New Mexico <p>Further details are available on the BLM website. Comments due 07/11/2013.</p>	WSTF should be aware of this comment period.

2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Ohio. An archive of past public notices is available on the OEPA [website](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH041913-1	Air Open Burning	04/10/2013	DAPC-What's New	Proposed Rule	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>Open Burning- Air Curtain Burners [OAC 3745-19]</p> <p>Proposes amendments to establish requirements for the installation and operation of air curtain burners for the open burning of land clearing wastes. Further details are provided in the Interested Party Notice, Business Impact Analysis, and Synopsis. Comments due 05/13/2013.</p>	
OH041913-2	Air Permitting	04/09/2013	DAPC-What's New	Proposed Rule	<p>Division of Air Pollution Control, Ohio Environmental Protection Agency</p> <p>Permits-to-Install New Sources and Permit-to-Install and Operate Program [OAC 3745-31]</p> <p>Proposes amendments to Ohio's permit-to-install and operate rules to incorporate federal requirements for the following actions:</p> <ul style="list-style-type: none"> ▪ Implementing the NSR program for PM_{2.5} ▪ Establishing increments, significant impact levels, and a significant monitoring concentration for PM_{2.5} <p>Further details are provided in the Interested Party Notice, Business Impact Analysis, and Synopsis. Comments due 05/10/2013.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH041913-3	Water NPDES	04/08/2013	DSW-Proposed Rules	Final Rule	Division of Surface Water, Ohio Environmental Protection Agency Final NPDES and Pre-treatment Rules [OAC 3745-33-04 and 36-03] Adopts updates to provide the Director with discretion in permit renewals regardless of whether the permittee is in compliance with current permit conditions. Further details are provided in the Response to Comments and Public Notice . Effective 05/01/2013.	
OH041913-4	Water NPDES	04/08/2013	DSW-Proposed Rules	Proposed Rule	Division of Surface Water, Ohio Environmental Protection Agency Proposed Storm Water Program Rules [OAC 3745-39-04] Proposes the following modifications to the Stormwater NPDES rules: <ul style="list-style-type: none"> Minor updates to clarify rule contents Removal of expired dates Revised references Further details are provided in the Public Notice , Interested Party Notice , Response to Comments , and Fact Sheet . Public hearing is scheduled for 05/14/2013 in Columbus, Ohio. Comments due 05/14/2013.	GRC should be aware of this action.
OH041913-5	Water Water Quality	04/17/2013	DSW-Proposed Rules	Proposed Rule	Division of Surface Water, Ohio Environmental Protection Agency Proposed Wetland Antidegradation Rules [OAC 3745-1-54] Proposes the following modifications to the Stormwater NPDES rules: <ul style="list-style-type: none"> Allows creation of an in-lieu-fee mitigation program. Allows in-lieu-fee to be used as required mitigation for Section 401 Water Quality Certifications and Isolated Wetlands permits. Sets a defined mitigation hierarchy preference for Section 401 Water Quality Certifications and Isolated Wetlands permits. Adopts the hierarchy in rule. Further details are provided in the Interested Party Notice , Fact Sheet , and Draft Rule Language . Comments due 05/17/2013.	GRC should be aware of this action.

2.9 Texas State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Texas.

2.10 Utah State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of 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
VA041913-1	Water VPDES	03/29/2013	29:16 VA.R. 2017-2035	Proposed Rule	<p>Virginia Department of Environmental Quality, State Water Control Board</p> <p>VPDES General Permit for Discharges Resulting from the Application of Pesticides to Surface Waters [9VAC25-800]</p> <p>Proposes to amend and reissue the existing VPDES General Permit for Discharges Resulting from the Application of Pesticides to Surface Waters, which expires 12/31/2013. Proposed amendments include updates to the following:</p> <ul style="list-style-type: none"> ▪ Narrative technology ▪ Water quality-based permit requirements ▪ Monitoring requirements ▪ Special conditions, including BMPs, record keeping, and adverse incident reporting and responses <p>Public hearing is scheduled for 05/17/2013 in Glen Allen, Virginia. Comments due 06/07/2013.</p>	WFF and LaRC should be aware of this action.
VA041913-2	Water VSMP	04/08/2013	29:16 VA.R. 1964-1992	Proposed Rule	<p>Virginia Department of Conservation and Recreation, Soil and Water Conservation Board</p> <p>VSMP General Permit for Discharges of Stormwater from Construction Activities [4VAC50-60]</p> <p>Proposes to amend and reissue the existing VSMP General Permit for Discharges of Stormwater from Construction Activities, which expires 07/01/2014. Proposed amendments include the following:</p> <ul style="list-style-type: none"> ▪ Updates, removes, and adds definitions, agency references, and effective dates. ▪ Removes unnecessary language and clarifies existing language. ▪ Incorporates and clarifies federal ELGs. ▪ Provides general reorganization and clarification of language. ▪ Repeals sections no longer needed for the 2014 permit. <p>Public hearings are scheduled for the following dates and locations:</p> <ul style="list-style-type: none"> ▪ 05/13/2013 in Glen Allen, Virginia ▪ 05/16/2013 in Spotsylvania, Virginia ▪ 05/20/2013 in Roanoke, Virginia <p>Comments due 06/07/2013.</p>	WFF and LaRC should be aware of this action.