



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

25 July 2014

This report summarizes regulatory items reviewed by the NASA RRAC PC and includes items with direct applicability to NASA facilities and operations, as well as items of general interest. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "79 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility.

Members of the NASA stakeholder community who are interested in receiving regulatory updates and alerts by e-mail may self-enroll at <https://lists.nasa.gov/mailman/listinfo/rrac>. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>.

Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 (sharon.scroggins@nasa.gov).

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Acronyms and Abbreviations

ANPRM = Advanced Notice of Proposed Rulemaking	NRC = Nuclear Regulatory Commission
ARB = Air Resources Board	NTP = National Toxicology Program
ARC = Ames Research Center	OAC = Ohio Administrative Code
AST = Aboveground storage tank	OEPA = Ohio Environmental Protection Agency
CCR = California Code of Regulations	OMB = Office of Management and Budget
CEC = California Energy Commission	OSHA = Occupational Safety and Health Administration
CEQ = Council on Environmental Quality	OWS = oil water separators
CFR = Code of Federal Regulations	PREP = Preparedness for Response Exercise Program
COMAR = Code of Maryland Regulations	R&D = Research and Development
CRNR = California Regulatory Notice Register	RACT = Reasonably available control technology
CTG = Control Techniques Guideline	RCRA = Resource Conservation and Recovery Act
DAPC = Division of Air Pollution Control	RFI = Request for Information
DAR = Division of Administrative Rules	RIN = Regulatory Identification Number
Ec = Expected-number-of-casualties	RMP = Risk Management Program
EIS = Environmental Impact Statement	RoC = Report on Carcinogens
EMS = Environmental Management System	ROD = Record of Decision
EO = Executive Order	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
EPA = U.S. Environmental Protection Agency	SABOR = Ship-Aircraft Bio-Optical Research
FAA = Federal Aviation Administration	SCAQMD = South Coast Air Quality Management District
F.A.C. = Florida Administrative Code	SIP = State Implementation Plan
FAR = Florida Administrative Register	SO ₂ = Sulfur dioxide
FDEP = Florida Department of Environmental Protection	SOP = Standard Operating Procedure
FMR = Federal Management Regulation	SpaceX = Space Exploration Technologies Corporation
FR = Federal Register	SSC = Stennis Space Center
FY = Fiscal year	SSFL = Santa Susana Field Laboratory
GDFs = Gasoline dispensing facilities	SWRCB = State Water Resources Control Board
GHG = Greenhouse gas	TAC = Texas Administrative Code
ICRP = International Commission on Radiological Protection	TCE = Trichloroethylene
JPL = Jet Propulsion Laboratory	TexReg = Texas Register
JSC = Johnson Space Center	TMDL = Total maximum daily load
KSC = Kennedy Space Center	TRI = Toxic Release Inventory
LAC = Louisiana Administrative Code	U.S. = United States
LARWQCB = Los Angeles Regional Water Quality Control Board	USCRTF = United States Coral Reef Task Force
LEED = Leadership in Energy and Environmental Design	USFWS = U.S. Fish and Wildlife Service
LPG = Liquefied petroleum gas	USGBC = United States Green Building Council
LaRC = Langley Research Center	UST = Underground storage tank
LSI = Large spark-ignition	VAC = Virginia Administrative Code
MAF = Michoud Assembly Facility	VA.R. = Virginia Register
MDAQMD = Mojave Desert Air Quality Management District	VCAPCD = Ventura County Air Pollution Control District
Md.R. = Maryland Register	VDEQ = Virginia Department of Environmental Quality
MS4 = Municipal Separate Storm Sewer System	VESCP = Virginia Erosion and Sediment Control Program
NAA = Nonattainment area	VOC = Volatile organic compound
NAAQS = National Ambient Air Quality Standards	VSMP = Virginia Stormwater Management Program
NASA = National Aeronautics and Space Administration	WFF = Wallops Flight Facility
NO ₂ = Nitrogen dioxide	WSTF = White Sands Test Facility
NO _x = Nitrogen oxides	
NPDES = National Pollutant Discharge Elimination System	

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
FED072514-1	Commercial Space Transportation	07/15/2014	79 FR 41349 HTML PDF	Notice	U.S. Department of Transportation Office of Commercial Space Transportation; Notice of Approval on a Record of Decision (ROD) for the SpaceX Texas Launch Site, Cameron County, Texas Announces availability of the ROD for the SpaceX Texas Launch Site, which provides the FAA's final environmental determination and approval to support issuance of licenses and permits for launch of the Falcon 9, Falcon Heavy, and other reusable suborbital launch vehicles from the site.	
FED072514-2	Commercial Space Transportation	07/21/2014	79 FR 42241 HTML PDF	Proposed Rule	U.S. Department of Transportation 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, 431, and 435] Proposes to amend the collective risk limits to separate the Ec limits for commercial launches and reentries, and to clarify the requirements for hazard areas for ships and aircraft. Comments due 10/20/2014. [RIN 2120-AK06]	Launch planning operations should be aware of this action.
FED072514-3	Emergency Response PREP	07/16/2014	79 FR 41592 HTML PDF	Notice	U.S. Department of the Interior Notice of Further Revisions to the National Preparedness for Response Exercise Program (PREP) Guidelines Announces plans to amend proposed revisions to the National PREP Guidelines (79 FR 16363 , 03/25/2014), which would provide guidance regarding oil spill response exercises intended to prepare personnel to respond to oil spills. The draft PREP Guideline revisions will be available for public comment at a later date.	
FED072514-4	Energy	07/14/2014	79 FR 40741 HTML PDF	Notice Meeting	U.S. Department of Energy Quadrennial Energy Review: Notice of Public Meeting Announces a public meeting to discuss the Quadrennial Energy Review. Meeting is scheduled for 08/08/2014 in Chicago, Illinois.	
FED072514-5	Energy	07/16/2014	79 FR 41542 HTML PDF	Notice Meeting	U.S. Department of Energy Quadrennial Energy Review: Notice of Public Meeting Announces a public meeting to discuss the Quadrennial Energy Review. Meeting is scheduled for 08/11/2014 in Santa Fe, New Mexico.	
FED072514-6	Hazardous Materials Transportation	07/14/2014	79 FR 40843 HTML PDF	Notice	U.S. Department of Transportation National Hazardous Materials Route Registry Announces availability of the National Hazardous Materials Route Registry, which is a listing of designated and restricted road and highway routes for highway route controlled quantities of Class 7 materials. Effective 07/14/2014. Comments due 09/12/2014. Class 7 materials include radioactive materials and non-radioactive hazardous materials.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED072514-7	Hazardous Materials Transportation Explosives	07/15/2014	79 FR 41185 HTML PDF	Proposed Rule	U.S. Department of Transportation Hazardous Materials: Requirements for the Safe Transportation of Bulk Explosives (RRR) [49 CFR Parts 171, 172, 173, and 177] Proposes amendments to permit requirements and authorization criteria to transport certain explosives and other hazardous materials in bulk packaging. Comments due 09/15/2014. [RIN 2137-AE86]	
FED072514-8	Hazardous Materials Transportation Explosives	07/25/2014	79 FR 43266 HTML PDF	Final Rule Correction	U.S. Department of Transportation Shippers—General Requirements for Shipments and Packagings [49 CFR Part 173] Corrects final rule (78 FR 60745 , 10/02/2013), specific to §173.62, Table of Packing Methods.	
FED072514-9	Hazardous Materials Transportation Reporting	07/17/2014	79 FR 41667 HTML PDF	Proposed Rule	General Services Administration Federal Management Regulation (FMR); Transportation Management; Transportation Reporting [41 CFR Part 102] Proposed amendments would recommend that agencies submit an annual Federal Transportation Summary for freight and cargo transportation activities. Comments due 10/15/2014. [RIN 3090-AJ45]	
FED072514-10	Natural Resources	07/18/2014	79 FR 42030 HTML PDF	Notice Meeting	U.S. Department of the Interior U.S. Coral Reef Task Force Public Meeting and Public Comment Announces a public meeting to solicit comments related to general coral reef conservation issues. Meeting is scheduled for 09/08/2014 through 09/13/2014 in Maui, Hawaii. Comments due 08/20/2014. NASA is a member agency on the Task Force. Additional information is available on the USCRTF website.	
FED072514-11	Radiation	07/25/2014	79 FR 43284 HTML PDF	Notice	U.S. Nuclear Regulatory Commission Radiation Protection [10 CFR Part 20] Announces an ANPRM to solicit comments on potential revisions to NRC's radiation protection requirements. The intent of the revisions would be to align NRC's regulations with the ICRP's 2007 recommendations, as documented in ICRP Publication 103 . Comments due 11/24/2014. [RIN 3150-AJ29]	
FED072514-12	Species	07/22/2014	79 FR 42525 HTML PDF	Notice	U.S. Fish and Wildlife Service Policy Regarding Voluntary Prelisting Conservation Actions Announces a draft policy intended to provide incentives for government agencies and other parties to initiate voluntary conservation actions for nonlisted species. Comments due 09/22/2014. [RIN 1018-AY29]	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions														
FED072514-13	Species	07/23/2014	79 FR 42687 HTML PDF	Final Rule	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Marine and Anadromous Taxa: Additions, Removal, Updates, and Corrections to the List of Endangered and Threatened Wildlife [50 CFR Part 17]</p> <p>Amends the List of Endangered and Threatened Wildlife by adding several marine taxa, removing one species, and revising the entries of other species. The amendments apply to the following species:</p> <table border="1"> <thead> <tr> <th>Species</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td>Atlantic Sturgeon</td> <td>Accomack County and City of Hampton, Virginia</td> </tr> <tr> <td>Green Sea Turtle</td> <td>Brevard County, Florida; Accomack County and City of Hampton, Virginia</td> </tr> <tr> <td>Loggerhead Sea Turtle</td> <td>Brevard County, Florida; Hancock County, Mississippi; Accomack County and City of Hampton, Virginia;</td> </tr> <tr> <td>Pacific Eulachon</td> <td>Santa Clara County, California</td> </tr> <tr> <td>Smalltooth Sawfish</td> <td>Orleans Parish, Louisiana</td> </tr> <tr> <td>Steelhead</td> <td>Santa Clara County, California</td> </tr> </tbody> </table> <p>Effective 07/23/2014. [RIN 1018-AY49]</p>	Species	Location	Atlantic Sturgeon	Accomack County and City of Hampton, Virginia	Green Sea Turtle	Brevard County, Florida; Accomack County and City of Hampton, Virginia	Loggerhead Sea Turtle	Brevard County, Florida; Hancock County, Mississippi; Accomack County and City of Hampton, Virginia;	Pacific Eulachon	Santa Clara County, California	Smalltooth Sawfish	Orleans Parish, Louisiana	Steelhead	Santa Clara County, California	KSC , SSC , MAF , ARC , LRC , and WFF should be aware of this action.
Species	Location																			
Atlantic Sturgeon	Accomack County and City of Hampton, Virginia																			
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Pacific Eulachon	Santa Clara County, California																			
Smalltooth Sawfish	Orleans Parish, Louisiana																			
Steelhead	Santa Clara County, California																			
FED072514-14	Technology	07/22/2014	79 FR 42475 HTML PDF	Proposed Rule	<p>Federal Aviation Administration</p> <p>Exclusion of Tethered Launches From Licensing Requirements [14 CFR Parts 400 and 401]</p> <p>Amends the proposed rule (77 FR 50956, 08/23/2012) to state that tethered launches using certain toxic propellants will not be eligible for exclusion. Comments due 09/22/2014. [RIN 2120-AJ90]</p>	NASA operations related to tethered launches should be aware of this action.														
FED072514-15	Technology	07/22/2014	79 FR 42560 HTML PDF	Notice	<p>Office of Science and Technology Policy</p> <p>Critical and Strategic Materials Supply Chain</p> <p>Solicits information on demand, supply, R&D, and technology related to raw materials used in the U.S. economy. The intent of the comment solicitation is to develop a methodology to identify critical materials and monitor changes in necessity. Comments due 08/31/2014.</p>															
FED072514-16	Toxic Substances TCE	07/14/2014	79 FR 40764 HTML PDF	Notice Meeting	<p>U.S. Department of Health and Human Services</p> <p>Draft Report on Carcinogens Monograph on Trichloroethylene; Amended Notice</p> <p>Announces an extended comment solicitation period (79 FR 33203, 06/10/2014) for the peer review of Draft Report on Carcinogens (RoC) Monograph on Trichloroethylene (TCE). Meeting is scheduled for 08/12/2014 in Research Triangle Park, North Carolina. Comments due 08/04/2014.</p> <p>Additional information is available on the NTP's website.</p>															

1.2 Other News and Developments

1.2.1 Climate Change Resiliency and Response Initiatives

On 16 July 2014, the White House [announced](#) a series of initiatives intended to help American communities prepare for the potential impacts of climate change and natural disasters through increased resiliency in infrastructure development and rebuilding. The initiatives are based on early recommendations by the [State, Local, and Tribal Leaders Task Force on Climate Preparedness and Resilience](#). Initiatives include the following:

- Implementing electric smart grid technology in rural areas
- Developing mapping tools intended to identify high risk flood areas
- Providing new guidance intended to improve climate change preparation addressed by coastal management programs
- Developing and implementing disaster recovery plans and hazard mitigation plans that consider
- Advancing stormwater management projects and providing assistance to communities in drought-stricken areas to preserve drinking water quality
- Establishing a mitigation task force to respond to areas affected by natural disasters
- Implementing pilot programs, including one involving Johnson Space Center in Houston, Texas, to assess and plan for area-specific vulnerabilities associated with impacts of climate change

1.2.2 NASA Sustainability/Energy Scorecard

NASA has [announced](#) availability of its [FY2013 Sustainability/Energy Scorecard](#) ratings. The Agency was awarded green ratings in the following six categories:

- Scope 1 and 2 GHG Emission Reduction Target
- Scope 3 GHG Emission Reduction Target
- Reduction in Energy Intensity
- Use of Renewable Energy
- Reduction in Potable Water Intensity
- Reduction in Fleet Petroleum Use

Additionally, a yellow rating was awarded in the Green Buildings category. A green rating indicates the agency met its annual goal, and yellow indicates the agency met at least half of its annual goal. Further information on sustainability programs is posted on NASA's [website](#).

1.2.3 Request for Information on Revised Risk Management Program

In support of [Executive Order \(EO\) 13650: "Improving Chemical Facility Safety and Security,"](#) EPA has announced availability of a pre-publication version of the [Risk Management Program \(RMP\) Request for Information \(RFI\)](#) in an effort to solicit comments on potential revisions to EPA's RMP. Revisions under consideration include an updated list of RMP substances, adjusted threshold quantities, and revised toxicity values. Interested parties are invited to provide information on existing process safety and risk management elements including, but not limited to, the following:

- Maintenance of safety critical equipment
- Emergency response
- Process safety metrics
- Automated monitoring of releases
- Facility siting risks

Additional information is available on the EPA [website](#).

1.2.4 Green Infrastructure Collaborative

EPA recently partnered with several government organizations to release a [Green Infrastructure Collaborative](#) document, which focuses on the partnership's commitments to sustainable and resilient communities. Green infrastructure is the practice of using natural hydrologic features to manage water and provide environmental and community benefits. Commitments established by the collaborative include:

- Technical assistance for green stormwater management and hazard mitigation plans
- Recognition of innovative green infrastructure projects
- Integration of ecosystems and transportation planning
- Incorporation of green infrastructure into agency facilities and lands
- Emphasis on green infrastructure in existing grant programs
- Compilation of best ideas and lessons learned from existing grant programs

Additional information is available on EPA's green infrastructure [website](#).

1.2.5 2013 TRI Preliminary Data

EPA recently released the [2013 preliminary Toxic Release Inventory \(TRI\) 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 2013 dataset is 95 percent complete and contains most of the current TRI data available for facilities reporting for calendar year 2013.

1.2.6 MS4 Permit Compendium

EPA recently released a [municipal separate storm sewer system \(MS4\) permit compendium](#), which contains information and examples of MS4 permitting approaches. An MS4 is a stormwater conveyance system owned by a state, city, or other public entity that is not a combined sewer or part of a publicly owned treatment works and discharges to waters of the U.S. The compendium is based on a review of state- and federally issued individual and general MS4 permits. It focuses on retention-based post-construction standards and implementation of total maximum daily loads (TMDLs). Additional information is available on EPA's MS4 [website](#).

1.2.7 NASA SABOR Mission

NASA has [launched](#) the Ship-Aircraft Bio-Optical Research ([SABOR](#)) campaign in an effort to advance understanding of marine ecology and the carbon cycle. In particular, the goal of SABOR is to enhance space-based capabilities for monitoring oceanic plants that form the base of the marine food chain and capture large amounts of carbon dioxide. As part of SABOR, an aircraft flying at 30,000 feet and a ship collecting in-situ samples simultaneously observe phytoplankton in the ocean. The data collected by SABOR is intended to improve the accuracy of phytoplankton estimates generated from satellite data and imagery.

1.2.8 RCRA Training

EPA recently launched a [website](#) containing guidance documents and training modules on the Resource Conservation and Recovery Act (RCRA). The training materials include introductory and advanced courses on the following topics:

- General RCRA
- RCRA corrective action
- Environmental Management Systems (EMS)
- Electronic waste
- Groundwater characterization and cleanup

- Land revitalization
- Land disposal restrictions
- Sustainable materials
- RCRA permitting

1.2.9 Greenbuild International Conference and Expo

The United States Green Building Council (USGBC) will host the [2014 Greenbuild International Conference and Expo](#) on 22 through 24 October 2014 in New Orleans, Louisiana. Green building, also known as sustainable or high performance building, is the practice of creating structures using processes that are environmentally responsible and resource-efficient. The conference includes speakers, networking opportunities, Leadership in Energy and Environmental Design (LEED) workshops, and tours of green buildings throughout the New Orleans area. [Registration](#) is required for attendance.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 20 August 2014, at 10 a.m. Central Time.

2.0 State Regulatory Reviews

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

2.1 Alabama State Regulatory Review

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

2.2 California State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA072514-1	Air GDFs-Vapor Recovery	07/25/2014	CRNR 2014, 30z, p. 1318	Notice	<p>California Air Resources Board</p> <p>Vapor Recovery Systems at Gasoline Dispensing Facilities and Cargo Tanks [17 CCR 94014 and 94016]</p> <p>Disapproves proposed amendments that would:</p> <ul style="list-style-type: none"> Correct test procedures used to certify vapor recovery equipment for aboveground storage tanks. Reconcile carbon tank certification and test procedures with current industry practices. Provide additional flexibility for carbon tank owners to remain in compliance with performance standards. <p>The amendments were disapproved because the Final Statement of Reasons failed to include a summary and response to every comment submitted.</p>	
CA072514-2	Building Standards Energy Efficiency	07/23/2014	CEC Website	Notice Workshop	<p>California Energy Commission</p> <p>Staff Workshop on the Proposed Voluntary Energy Efficiency Provisions of the California Green Building Standards Code for Residential and Nonresidential Buildings [24 CCR 11]</p> <p>Announces a public workshop to present draft revisions to the voluntary energy efficiency provisions of the California Green Building Standards that would establish the following goals:</p> <ul style="list-style-type: none"> Newly constructed residential buildings to be zero net energy by 2020 Newly constructed nonresidential buildings to be zero net energy by 2030 Consistent requirements for additions to residential and nonresidential buildings <p>Public workshop is scheduled for 08/06/2014 in Sacramento, California. Comments due 08/05/2014.</p> <p>"Zero net energy" occurs when the total amount of energy used by a building on an annual basis is roughly equal to the amount of renewable energy generated by the building.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA072514-3	Water Conservation	07/15/2014	SWRCB Website	Final Rule	<p>State Water Resources Control Board</p> <p>Emergency Regulation for Statewide Urban Water Conservation [23 CCR 863-865]</p> <p>Adopts emergency regulations that prohibit the following activities:</p> <ul style="list-style-type: none"> Application of potable water to outdoor landscapes in a manner that has the potential to cause runoff Washing a car using a hose without a shut-off nozzle Application of potable water to sidewalks and driveways Use of potable water in a fountain or decorative water feature unless the water is part of a recirculating system <p>Effective 07/15/2014.</p> <p>These emergency regulations were adopted in response to the ongoing drought in California.</p>	NASA Centers and related facilities should be aware of this action.
CA072514-4	Water Conservation	07/25/2014	CRNR 2014, 30z, p. 1321	Final Rule	<p>State Water Resources Control Board</p> <p>Statewide Drought Related Curtailment of Water Diversions to Protect Senior Water Rights [23 CCR 875, 878.1, 878.3, and 879]</p> <p>Adopts emergency regulations regarding curtailment of water rights, which include the following actions:</p> <ul style="list-style-type: none"> Setting drought emergency curtailment methods and reporting requirements Clarifying information used to issue initial curtailments Establishing curtailment as a system of enforceable orders Clarifying the procedures for contesting and making exceptions to curtailment orders <p>Effective 07/16/2014.</p> <p>These emergency regulations were adopted in response to the ongoing drought in California. Further information is available on the Board's website.</p>	
CA072514-5	Water Drinking Water	07/15/2014	SWRCB Website	Notice Hearing	<p>State Water Resources Control Board</p> <p>Draft Resolution and Draft Statewide General NPDES Permit for Discharges from Drinking Water Systems</p> <p>Announces a rescheduled public hearing to discuss the draft resolution and draft Statewide General NPDES Permit. Public hearing is scheduled for 08/05/2014 in Sacramento, California. Comments due 08/19/2014.</p> <p>The draft documents are intended to address discharges from drinking water systems to surface waters resulting from federally mandated actions (SWRCB Website, 06/13/2014).</p>	NASA Centers and related facilities should be aware of this action.
CA072514-6	Water Groundwater Remediation	06/20/2014	SWRCB Website	Proposed Rule	<p>State Water Resources Control Board</p> <p>General Waste Discharge Requirements For In-Situ Groundwater Remediation and Groundwater Re-Injection</p> <p>Proposes amendments to the LARWQCB's General Waste Discharge Requirements for In-Situ Groundwater Remediation and Groundwater Re-Injection to include more compounds in the list of materials approved for injection into the aquifer for groundwater remediation.</p>	JPL, SSFL, and other NASA-related operations should be aware of this action.

2.2.1 California Climate Change Research Plan

The California Climate Action Team has announced availability of the [Draft California Climate Change Research Plan](#), which establishes the strategy for developing and conducting research on climate change and its potential impacts during the next 3 to 5 years. Research conducted under the plan will provide scientific information for climate-related policymaking and includes the following priorities:

- Monitoring
- Climate projections
- GHG inventory
- Reducing GHG emissions
- Preparing for a changing climate
- Socio-economic effects of climate impacts and policy responses
- Synergies of reducing emissions and climate risk

Comments are due 05 September 2014. Additional information is available on California's [Climate Change Portal](#).

2.2.2 California Diesel Vehicle, Large Spark-Ignition Vehicle, and Truck and Bus Regulation Training

The California Air Resources Board (ARB) recently added additional training dates for courses focusing on California's off-road diesel vehicle, large spark-ignition (LSI) vehicle, diesel emission controls, and truck and bus regulations. The purpose of these courses is to provide vehicle owners, operators, fleet managers, and maintenance personnel with information about the requirements and technologies available to assist with regulatory compliance. The dates and locations for the courses include the following:

Course	Training Date	Location
#504: In-Use Off-Road Diesel Vehicle Regulation	09/29/2014	Salinas, California
#505: Large Spark-Ignition Fleet Regulation	09/29/2014	Salinas, California
#511.2: Diesel Particulate Filter Operation & Maintenance	09/30/2014	Salinas, California
#521: How to Comply with the Truck and Bus Regulation	08/11/2014	Modesto, California
#525: Compliance Overview: Truck & Bus Rule, Off-Road Regulation, and Portable Equipment	08/19/2014	Alhambra, California
	08/20/2014	Ventura, California
	09/10/2014	Santa Rosa, California

2.2.3 California Air Districts Regulatory Review

2.2.3.1 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](#).

2.2.3.2 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](#).

2.2.3.3 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](#).

2.2.3.4 Mojave Desert Air Quality Management District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAM072514-1	Air OWS	07/18/2014	MDAQMD Website	Final Rule	Mojave Desert Air Quality Management District Oil Water Separators [Rule 464] Amends Rule 464 to adopt current RACT CTGs for ozone precursors, such as VOCs and NO _x , as required for ozone NAAs. Effective 06/23/2014.	

2.2.3.5 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	Suggested Actions
CAS072514-1	Air SIP-NO _x	07/14/2014	79 FR 40675 HTML PDF	Final Rule	U.S. Environmental Protection Agency Revisions to the California State Implementation Plan, Placer County Air Pollution Control District and South Coast Air Quality Management District [40 CFR Part 52] Direct final rule approves revisions to the SCAQMD portion of the California SIP rescinding SCAQMD Rule 1110, which was adopted in an effort to collect NO _x emissions data from stationary internal combustion engines as part of a demonstration program. The demonstration program is complete; therefore, the rule is no longer needed. Effective 09/12/2014. Comments due 08/13/2014.	

2.2.3.6 Ventura County Air Pollution Control District

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAV072514-1	Air VOC	07/15/2014	VCAPCD Website	Notice Workshop	Ventura County Air Pollution Control District Liquefied Petroleum Gas Transfer or Dispensing [Rule 74.33] Announces a public workshop focusing on proposed revisions to Rule 74.33, which are intended to reduce VOC emissions from the transfer and dispensing of LPG. This rule would apply to certain activities involving transfer of LPG to and from any cargo tank, stationary tank, portable tank, or cylinder. Exemptions include: <ul style="list-style-type: none"> ▪ Cylinders installed on recreational vehicles ▪ Containers with a capacity of less than 4 gallons Additional information is available in the Draft Staff Report . Public workshop scheduled for 08/21/2014 in Ventura, California.	

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
FL072514-1	Quality Assurance	07/10/2014	FAR Notice #14838010 ; #14838107 ; #14838204 ; #14838301 ; #14838398 ; #14838495 ; #14838592 ; #14838689 ; #14838786 ; #14838883 ; #14838980 ; #14839077 ; #14839174	Final Rule	Department of Environmental Protection Quality Assurance [Chapter 62-160, F.A.C.] Finalizes updates to quality assurance requirements for entities providing environmental data to FDEP. Amendments are specific to groundwater field sampling and laboratory testing SOPs; they are intended to take into consideration advances in sampling and testing techniques. Effective 07/30/2014.	KSC should be aware of this action.
FL072514-2	Storage Tanks ASTs	07/22/2014	FAR Notice #14804642	Notice Meeting	Department of Environmental Protection Above Ground Storage Tank Systems [Chapter 62-727, F.A.C.] Announces a meeting of the AST Technical Advisory Group to provide technical information regarding regulated ASTs. Agenda is available for review. Meeting is scheduled for 08/06/2014 in Tampa, Florida, or by teleconference.	
FL072514-3	Storage Tanks USTs	07/22/2014	FAR Notice #14855373 ; #14855470	Final Rule	Department of Environmental Protection Operator Training and Certification [Chapter 62-761.350 F.A.C.]; Registration and Financial Responsibility [Chapter 62-761.400, F.A.C.] Finalizes training and certification requirements for owners and operators of USTs. Also, authorizes FDEP to prohibit delivery of regulated substances to a non-compliant facility. Effective 08/07/2014. Further UST information is available on the Program website.	KSC should be aware of this action.
FL072514-4	Water Surface Water	07/17/2014	FAR Notice #14821811	Notice Rule Development	Department of Environmental Protection Estuary-Specific Numeric Interpretations of the Narrative Nutrient Criterion [Chapter 62-302.532, F.A.C.] Announces a rulemaking to establish numeric nutrient criteria for total phosphorus, total nitrogen, and chlorophyll a. for various estuaries, including the following: <ul style="list-style-type: none"> ▪ Southern Indian River Lagoon ▪ Mosquito Lagoon ▪ Portions of the Intracoastal Waterway connecting estuarine systems ▪ Small gaps between estuaries with adopted numeric nutrient criteria ▪ Parameters for estuaries not currently covered by their adopted nutrient TMDLs, including the Indian River Lagoon 	KSC should be aware of this action.

2.4 Louisiana State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
LA072514-1	Air	07/20/2014	AQ343ft	Final Rule	Louisiana Department of Environmental Quality 2013 Annual Incorporation by Reference of Certain Federal Air Quality Regulations [LAC 33:III.506, 507, 2160, 3003, 5116, 5311 and 5901] Finalizes amendments to incorporate by reference changes to the federal regulations found in 40 CFR Parts 51, Appendix M, 60, 61, 63, 68, 70.6(a), and 96. Effective 07/20/2014.	
LA072514-2	Radiation	07/20/2014	RP056ft	Final Rule	Louisiana Department of Environmental Quality Miscellaneous Corrections to Maintain Equivalency with Federal Regulations [LAC 33:XV.102, 304, 322, 328, 410, 417, 431, 499, 573 and 763] Finalizes amendments to radiation protection regulations to align with federal regulations found in 10 CFR Parts 20, 30, 32 and 35. Effective 07/20/2014.	
LA072514-3	Waste Hazardous Waste	07/20/2014	HW114ft	Final Rule	Louisiana Department of Environmental Quality Conditional Exclusions for Solvent Contaminated Wipes [LAC 33:V.105.D and 109] Finalizes amendments to the hazardous waste regulations to align with federal regulations (79 FR 46447 , 07/31/2013), which includes exclusions for certain solvent contaminated wipes. Effective 07/20/2014.	MAF should be aware of this action.

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
MD072514-1	Air SIP-Lead	07/16/2014	79 FR 41437 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Maryland; Section 110(a)(2) Infrastructure Requirements for the 2008 Lead National Ambient Air Quality Standards [40 CFR Part 52] Approves revisions to Maryland's SIP that address infrastructure requirements for the 2008 Lead NAAQS. Effective 08/15/2014.	
MD072514-2	Air SIP-NO ₂	07/14/2014	79 FR 40664 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Maryland; Section 110(a)(2) Infrastructure Requirements for the 2010 Nitrogen Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Approves revisions to Maryland's SIP that address the infrastructure requirements for the 2010 NO ₂ NAAQS. Effective 08/13/2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD072514-3	Hazardous Materials Transportation	07/25/2014	41:15 Md.R. 891	Final Rule	<p>Department of Transportation</p> <p>Transportation of Hazardous Materials [COMAR 11.07.01]</p> <p>Amends regulations to clarify the process for transporting hazardous materials, including:</p> <ul style="list-style-type: none"> ▪ Changing the term "Transportation Facilities Projects" to "Authority property" ▪ Adding the "InterCounty Connector" (MD 200) to the list of Authority properties <p>Effective 08/04/2014.</p>	
MD072514-4	Occupational Safety Elevators	07/25/2014	41:15 Md.R. 890	Final Rule	<p>Department of Labor, Licensing, and Regulation</p> <p>Elevator, Escalator, and Chairlift Safety [COMAR 09.12.81]</p> <p>Amends regulations that will require owners or operators of elevator units to adhere to certain safety codes; effective when the contract to install the elevator unit is executed, provided the final acceptance inspection is performed within 3 years of the contract date. Effective 08/04/2014.</p>	

2.6 Mississippi State Regulatory Review

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

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
NM072514-1	Species Mexican Wolf	07/25/2014	79 FR 43465 HTML PDF	Notice	<p>U.S. Environmental Protection Agency</p> <p>Environmental Impact Statements; Notice of Availability</p> <p>Announces EPA has received the EIS for Proposed Revision to Nonessential Experimental Population of the Mexican Wolf and intends to publish any additional agency comments on the EIS website. Comments due 09/23/2014.</p> <p>Additional information is available at the USFWS website.</p>	
NM072514-2	Species Mexican Wolf	07/25/2014	79 FR 43358 HTML PDF	Proposed Rule	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; Proposed Revision to the Nonessential Experimental Population of the Mexican Wolf [50 CFR Part 17]</p> <p>Proposes revisions to the existing nonessential experimental population designation of the Mexican Wolf. Proposed revisions are intended to add clarity and flexibility to manage the population. Public hearing is scheduled for 08/13/2014 in Truth or Consequences, New Mexico. Draft EIS is available for review. Comments due 09/23/2014. [RIN 1018-AY46]</p> <p>Additional information is available at the USFWS website.</p>	WSTF should be aware of this action.

2.8 Ohio State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH072514-1	Air Emergency Episodes	07/21/2014	DAPC - What's New	Proposed Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency Emergency Episodes and Ambient Air Quality [OAC 3745-25] Solicits comments on minor modifications and typographical corrections in the Emergency Episode and Ambient Air Quality standards. OEPA proposes these revisions as part of their five-year review. Comments due 08/22/2014.	
OH072514-2	Air SIP	07/25/2014	79 FR 43338 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Ohio; Infrastructure SIP for 2008 Lead, 2008 Ozone, 2010 NO ₂ and 2010 SO ₂ NAAQS [40 CFR Part 52] Proposes approval of Ohio Infrastructure SIP for 2008 Lead, 2008 Ozone, 2010 NO ₂ and 2010 SO ₂ NAAQS. Comments due 08/25/2014.	
OH072514-3	Air SIP-Ozone	07/18/2014	DAPC - What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency Submission of Emissions Inventory and Emissions Statement Program SIP for the 2008 Ozone Standard to EPA Announces submission of Ohio's " 2008 Eight-hour Ozone National Ambient Air Quality Standard Emission Inventory and Emission Statement " SIP for the 2008 Ozone Standard. This document is required to satisfy attainment demonstration requirements.	

2.9 Texas State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX072514-1	Air General Conformity	07/18/2014	79 FR 41906 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Conformity of General Federal Actions [40 CFR Part 52] Direct final rule removes the State general conformity provisions from the Texas SIP; therefore, federal rules will govern conformity of general federal actions within the state. Effective 09/16/2014. Comments due 08/18/2014.	
TX072514-2	Air Permitting	07/25/2014	39 TexReg 5777	Final Rule	Texas Commission on Environmental Quality Control of Air Pollution by Permits for New Construction or Modification [30 TAC 116] Adopts amendments to the Texas Flexible Permits Program rules that will remove unnecessary text, restore rule text removed in 2010, and align text to conform with the TAC. Effective 07/31/2014.	
TX072514-3	Emergency Planning	07/14/2014	79 FR 40770 HTML PDF	Notice	Federal Emergency Management Agency Changes in Flood Hazard Determinations Announces availability of the Letter of Map Revision for flood hazard determinations for certain U.S. cities, including Houston, Texas. A revised National Flood Insurance Program map is included in the revision. Effective date 09/15/2014.	JSC should be aware of this action.

2.10 Utah State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT072514-1	Water Water Quality	07/15/2014	UT Bull. Vol. 2014-14: DAR File No. 38661	Proposed Rule	Utah Department of Environmental Quality; Division of Water Quality General Requirements: Tax Exemption for Water Pollution Control Equipment [R317-12] Proposes to add a new class of equipment eligible for certification, designated as Freestanding Pollution Control Property. Revisions are intended to clarify the role of the Division of Water Quality in the tax exemption process for these types of equipment. Comments due 08/14/2014.	NASA-related operations in Utah should be aware of this action.

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
VA072514-1	Energy Wind	07/16/2014	Virginia Town Hall website	Notice	Virginia Department of Environmental Quality Small Renewable Wind Energy Projects Permit by Rule [9VAC 15-40] Announces periodic review to determine whether the regulation should be repealed, amended, or retained in its current form. Comments due 09/02/2014.	
VA072514-2	Natural Resources Coastal Zone Management	07/25/2014	79 FR 43398 HTML PDF	Notice	National Oceanic and Atmospheric Administration Evaluation of State Coastal Management Program and National Estuarine Research Reserves Announces plans to evaluate the performance of the Chesapeake Bay National Estuarine Research Reserve. Public meeting is scheduled for 09/17/2014 in Gloucester Point, Virginia. Comments due 08/19/2014.	
VA072514-3	Occupational Safety Mechanical Power Presses	07/28/2014	30:24 VA.R. 2685-2686	Final Rule	Safety and Health Codes Board, Virginia Department of Labor and Industry Federal Identical General Industry Standards for Mechanical Power Presses [16VAC25-90] Amends regulations to incorporate by reference revisions to OSHA's Mechanical Power Presses Standard in General Industry. Revisions include: <ul style="list-style-type: none"> ▪ Adding a requirement to develop and maintain certification records of maintenance and repairs performed during periodic inspections ▪ Removing requirement that employers develop and maintain certification records of weekly inspections and tests Effective 09/01/2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA072514-4	Occupational Safety	07/28/2014	30:24 VA.R. 2686-2687	Final Rule	<p>Safety and Health Codes Board, Virginia Department of Labor and Industry</p> <p>Federal Identical General Industry Standards for Electric Power Generation, Transmission, and Distribution and Electric Protective Equipment [16VAC25-90, 16VAC25-155 and 16VAC25-175]</p> <p>Amends regulations to incorporate by reference revisions to OSHA standards (79 FR 20315, 04/11/2014) with the exception of 29 CFR 1926.6. Revisions include:</p> <ul style="list-style-type: none"> ▪ A new construction standard for electrical protective equipment ▪ Revised standard for the construction of electric power transmission and distribution lines and equipment ▪ Revised general industry standard for foot protection ▪ Editorial and non-substantive changes for clarification <p>Effective 09/01/2014.</p>	
VA072514-5	Pesticides	07/15/2014	Virginia Town Hall website	Notice	<p>Virginia Department of Agriculture and Consumer Services</p> <p>Rules and Regulations for Enforcement of the Virginia Pesticide Law [2VAC 5-670]</p> <p>Announces periodic review to determine whether the regulation should be repealed, amended, or retained in its current form. Comments due 09/01/2014.</p>	
VA072514-6	Waste Hazardous Waste	07/28/2014	30:24 VA.R. 2627-2636	Final Rule	<p>Virginia Waste Management Board, Virginia Department of Environmental Quality</p> <p>Hazardous Waste Management Regulations [9VAC20-60]</p> <p>Removes requirement that hazardous waste transporters obtain a hazardous waste transporter permit from the Commonwealth and clarifies that a federal EPA identification number is required. Effective 09/27/2014.</p>	
VA072514-7	Waste Remediation - Fees	07/28/2014	30:24 VA.R. 2636-2642	Final Rule	<p>Virginia Waste Management Board, Virginia Department of Environmental Quality</p> <p>Voluntary Remediation Regulations [9VAC20-160]</p> <p>Amends regulations that will:</p> <ul style="list-style-type: none"> ▪ Remove the registration fee cap ▪ Implement a three-phase registration fee structure ▪ Establish provisions for managing fee structures ▪ Establish actions for nonpayment ▪ Establish registration fees for application changes and certificate amendments <p>Effective 07/01/2014.</p>	
VA072514-8	Water	07/28/2014	30:24 VA.R. 2698 - 2699	Notice	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Public Participation Procedures for Water Quality Management Planning</p> <p>Announces a public comment period for the VDEQ's draft revision of its Public Participation Procedures for Water Quality Management Planning. Comments due 08/27/2014.</p>	
VA072514-9	Water Chesapeake Bay	07/28/2014	30:24 VA.R. 2647-2649	Final Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Chesapeake Bay Preservation Area Designation and Management Regulations [9VAC25-830]</p> <p>Amends general performance criteria and requires Chesapeake Bay Preservation Act land-disturbing activities to comply with the requirements of 9VAC25-870-51 and 9VAC25-870-103. Effective 08/27/2014.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA072514-10	Water Permitting	07/28/2014	30:24 VA.R. 2669-2684	Final Rule	State Water Control Board, Virginia Department of Environmental Quality General Permit for Discharges of Stormwater from Construction Activities [9VAC25-880] Amends regulations to allow use of an agreement in lieu of a stormwater management plan and to make editorial changes. Effective 07/01/2014.	
VA072514-11	Water Stormwater	07/28/2014	30:24 VA.R. 2650-2668	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Virginia Stormwater Management Program Regulations [9VAC25-870] Amends regulations to allow use of an agreement in lieu of a stormwater management plan and clarify certain roles and responsibilities. Effective 07/01/2014.	
VA072514-12	Water Water Quality	07/28/2014	30:24 VA.R. 2649	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Erosion and Sediment Control Regulations [9VAC25-840] Amends regulations to require VESCP authorities to provide VDEQ a listing of certain land-disturbing activities on a monthly basis. Effective 07/01/2014.	