



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

21 February 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 "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

AB = Assembly Bill	MDI = Methylene diphenyl diisocyanate
ADEM = Alabama Department of Environmental Management	Md.R. = <i>Maryland Register</i>
Al-RCF = Aluminosilicate refractory ceramic fibers	NAAQS = National Ambient Air Quality Standards
ARB = Air Resources Board	NASA = National Aeronautics and Space Administration
AST = Aboveground storage tank	NO _x = Nitrogen oxides
AVAQMD = Antelope Valley Air Quality Management District	NPDES = National Pollutant Discharge Elimination System
BACT = Best Available Control Technology	NSR = New Source Review
Cal-EPA = California Environmental Protection Agency	OEPA = Ohio Environmental Protection Agency
CAS = Chemical Abstract Service	PINFA = Phosphorus, Inorganic, and Nitrogen Flame Retardants Association
CASAC = Clean Air Scientific Advisory Committee	PM _{2.5} = Particulate matter having an aerodynamic equivalent diameter of 2.5 microns or less
CDPH = California Department of Public Health	ppb = Parts per billion
CFR = <i>Code of Federal Regulations</i>	PSD = Prevention of Significant Deterioration
COMAR = <i>Code of Maryland Regulations</i>	RACT = Reasonably available control technology
CRNR = <i>California Regulatory Notice Register</i>	REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
DAR = Division of Administrative Rules	RIN = Regulatory Identification Number
DEQ = Department of Environmental Quality	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
DfE = Design for the Environment	SCIL = Safer Chemical Ingredient List
DFRC = Dryden Flight Research Center	SIP = State Implementation Plan
DMF = N,N-dimethylformamide	SNUR = Significant New Use Rule
DMWM = Division of Materials and Waste Management	SPLC = Sustainable Purchasing Leadership Council
DOE = U.S. Department of Energy	SPP = Sustainable public procurement
DTSC = Department of Toxic Substances Control	SVHC = Substances of very high concern
EA = Environmental Assessment	SWPPP = Stormwater Pollution Prevention Plan
ECHA = European Chemicals Agency	SWRCB = State Water Resources Control Board
EO = Executive Order	TCEQ = Texas Commission on Environmental Quality
EPA = U.S. Environmental Protection Agency	TMDL = Total maximum daily load
ESPC = Energy Savings Performance Contract	UDEQ = Utah Department of Environmental Quality
EU = European Union	UDWQ = Utah Division of Water Quality
F.A.C. = Florida Administrative Code	UNEP = United Nations Environmental Program
FAR = <i>Florida Administrative Register</i>	U.S. = United States
FEMP = Federal Energy Management Program	USFWS = U.S. Fish and Wildlife Service
FHSA = Federal Hazardous Substances Act	VAC = Virginia Administrative Code
FIP = Federal Implementation Plan	VA.R. = <i>Virginia Register</i>
FONSI = Finding of No Significant Impact	VPDES = Virginia Pollution Discharge Elimination System
FR = <i>Federal Register</i>	VOC = Volatile organic compound
FY = Fiscal year	WQS = Water quality standards
GHG = Greenhouse gas	Zr-RCF = Zirconia aluminosilicate refractory ceramic fibers
IDIQ = Indefinite-delivery, indefinite-quantity	
JCP = Joint Coastal Permit	
LAC = Louisiana Administrative Code	
LR = <i>Louisiana Register</i>	
MCL = Maximum contaminant level	
MDAQMD = Mojave Desert Air Quality Management District	

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
FED022114-1	Air NAAQS	02/13/2014	79 FR 8644 HTML PDF	Notice Workshop	<p>U.S. Environmental Protection Agency</p> <p>Notice of Workshop in Support of the Review of the Secondary National Ambient Air Quality Standards for Oxides of Nitrogen and Sulfur [40 CFR Part 50]</p> <p>Announces the rescheduled dates for the public "Workshop to Discuss Policy-Relevant Science to Inform EPA's Review of the Secondary NAAQS for Oxides of Nitrogen and Sulfur" (78 FR 53452, 08/29/2013). Workshop is scheduled to begin 03/04/2014 in Research Triangle Park, North Carolina; preregistration required by 02/28/2014.</p>	
FED022114-2	Air NAAQS	02/13/2014	79 FR 8701 HTML PDF	Notice Meeting	<p>U.S. Environmental Protection Agency</p> <p>Notification of a Public Meeting of the Clean Air Scientific Advisory Committee (CASAC) Oxides of Nitrogen Primary NAAQS Review Panel</p> <p>Announces a public meeting to peer review EPA's "Integrated Science Assessment for Oxides of Nitrogen - Health Criteria" and "Integrated Review Plan for the Primary National Ambient Air Quality Standards for Nitrogen Dioxide." Meeting is scheduled to begin 03/12/2014 in Durham, North Carolina.</p> <p>Additional information is available at the EPA CASAC webpage.</p>	
FED022114-3	Commercial Space Transportation	02/14/2014	79 FR 9031 HTML PDF	Notice	<p>U.S. Department of Transportation</p> <p>Office of Commercial Space Transportation; Notice of Availability of the Supplemental Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) for the Blue Origin West Texas Launch Site.</p> <p>Announces availability of the Supplemental EA and FONSI for the Blue Origin West Texas Launch Site.</p>	
FED022114-4	Hazardous Substances	02/14/2014	79 FR 8825 HTML PDF	Final Rule	<p>Consumer Product Safety Commission</p> <p>Hazardous Substances and Articles; Administration and Enforcement Regulations: Revisions to Supplemental Definition of "Strong Sensitizer" [16 CFR Part 1500]</p> <p>Revises the supplemental definition of "strong sensitizer" under the FHSA as follows:</p> <ul style="list-style-type: none"> ▪ Incorporates new and anticipated technology ▪ Reorganizes criteria for classification of strong sensitizers in the order of importance ▪ Defines criteria for "severity of reaction" ▪ Allows use of a weight-of-evidence approach to evaluate whether a substance is a strong sensitizer <p>Effective 03/17/2014.</p>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED022114-5	Occupational Safety	02/10/2014	79 FR 7611 HTML PDF	Proposed Rule	Occupational Safety and Health Administration Cranes and Derricks in Construction: Operator Certification [29 CFR Part 1926] Proposes extending the crane operator certification compliance deadline (75 FR 47905 , 11/08/2010) to 11/10/2017. Amendments would require employers to verify certification and competency of operators. Comments due 03/12/2014. [RIN 1218-AC86]	
FED022114-6	Species Gray Wolf, Mexican Wolf	02/10/2014	79 FR 7627 HTML PDF	Proposed Rule	U.S. Fish and Wildlife Service Endangered and Threatened Wildlife and Plants; Removing the Gray Wolf (<i>Canis lupus</i>) From the List of Endangered and Threatened Wildlife and Maintaining Protections for the Mexican Wolf (<i>Canis lupus baileyi</i>) by Listing It as Endangered [50 CFR Part 17] Announces availability of the independent scientific peer review report, titled " Review of Proposed Rule Regarding Status of the Wolf Under the Endangered Species Act ," which focuses on the proposed removal of the gray wolf from the List of Endangered and Threatened Wildlife (78 FR 35663 , 06/13/2013). Comments due 03/27/2014. [RIN 1018-AY00] Additional information is available at the USFWS webpage.	
FED022114-7	Toxic Substances SNUR	02/10/2014	79 FR 7621 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Proposed Significant New Use Rule on Certain Chemical Substances [40 CFR Part 721] Proposes SNURs for the following substances: <ul style="list-style-type: none"> ▪ Alkanes, C21-34-branched and linear, chloro ▪ Alkanes, C22-30-branched and linear, chloro ▪ Alkanes, C24-28, chloro Persons must notify EPA at least 90 days before manufacturing, importing, or processing this substance for an activity designated as a significant new use by this rule. Comments due 04/11/2014. [RIN 2070-AB27]	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED022114-8	Toxic Substances SNUR	02/12/2014	79 FR 8273 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency Significant New Use Rules on Certain Chemical Substances [40 CFR Parts 9 and 721]</p> <p>Direct final rule finalizes SNURs for the following substances:</p> <ul style="list-style-type: none"> ▪ 1,2,3-Propanetricarboxamide, N1, N2, N3-tris(2-methylcyclohexyl)- ▪ Polyfluorinated alkyl thiol (generic) (P-11-483 and P-11-528) ▪ Polyfluorinated alkyl polyamide (generic) (P-11-487) ▪ Polyfluorinated alkyl halide (generic) (P-11-527) ▪ Polyfluorinated alkyl thio acrylamide (generic) (P-11-529) ▪ Polyfluorinated alkyl thio polyacrylamide (generic) (P-11-530 and P-11-533) ▪ Polyfluorinated alkyl amine (generic) (P-11-532) ▪ Polyfluorinated alkyl thio polyacrylic acid-acrylamide (generic) (P-11-534) ▪ Multi-walled carbon nanotubes (generic) ▪ Aryl-substituted alkane (generic) ▪ Aromatic amine with cyclo amino carbonyls (generic) ▪ Infused carbon nanostructures (generic) ▪ Substituted benzyl acrylate (generic) ▪ Zirconium substituted heteropolycyclic (generic) ▪ Alkylphenol (generic) ▪ 4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-, polymer with 2-methyl-1,3-butadiene and 5-(1-methylethenyl)bicyclo[2.2.1]hept-2-ene ▪ Alkyl substituted catechol (generic) ▪ Antimony tris(dialkyldithiocarbamate) (generic) ▪ Antimony tris(dialkyldithiocarbamate) (generic) ▪ Zinc bis(dialkyldithiocarbamate) (generic) ▪ Carbonic acid, dialkyl ester (generic) ▪ Phenol, 2,6-dimethyl-, homopolymer, ether with 2,2',3,3',5,5'-hexamethyl[1,1'-biphenyl]-4,4'-diol(2:1),bis[(ethenylphenyl)methyl] ether ▪ MDI modified polyalkene glycols (generic) ▪ Substituted picolinic acid (generic) ▪ Acrylic acid esters polymers, reaction products with polyisocyanate (generic) ▪ 1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,4-dimethyl 1,4-benzenedicarboxylate, 2,2-dimethyl-1,3-propanediol,dodecanedioic acid, 1,2-ethanediol, hexanedioic acid, 1,6-hexanediol, alkyl diol ester and aromatic isocyanate (generic) ▪ Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-[[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]oxy]- ▪ Oxirane,2-[(1-propen-1-yloxy)methyl]- ▪ Methylene diisocyanate polymer with polypropylene glycol and diols (generic) ▪ Oxirane,[[2-(2-ethenyloxy)ethoxy]methyl]- <p>Persons must notify EPA at least 90 days before manufacturing, importing, or processing this substance for an activity designated as a significant new use by this rule. Effective 04/14/2014. [RIN 2070-AB27]</p>	

1.2 Other News and Developments

1.2.1 Federal Climate Change Adaptation Planning and Implementation Website

The United States Global Change Research Program has launched a [website](#) that includes resources intended to help federal agencies comply with climate change adaptation planning and implementation requirements established in [Executive Order \(EO\) 13653, "Preparing the United States for the Impacts of Climate Change."](#) Resources available on the website focus on the following themes:

- Built infrastructure
- Communication and training
- Human health
- Natural resources
- Disaster response
- Regional climate information and modeling
- Observations and monitoring
- EOs and policies
- Strategies, reports, and plans

1.2.2 FY 2013 Enforcement Results

EPA has [announced](#) availability of the annual compliance [enforcement results](#) for fiscal year (FY) 2013, including enforcement actions and accomplishments. In addition to highlighting the previous year's activities, the website presents case analyses and trends, accomplishments, and an interactive case map. EPA's enforcement program is structured to implement [national enforcement initiatives](#).

1.2.3 European Union REACH Regulation Update

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 Chemical Agency ([ECHA](#)) has [recommended](#) five substances of very high concern ([SVHCs](#)) for authorization. Substances included on the [Authorization List](#), REACH Annex XIV, require special authorization for continued manufacture and use in the EU after an assigned "sunset" date. The five substances recommended for addition to the Authorization List are listed in the following table:

Substance Name	CAS Number	Common Uses and Reason for Listing as noted by ECHA
N,N-dimethylformamide (DMF)	68-12-2	Solvent for synthesis and for production of coated textiles and synthetic fibers. Toxic for reproduction.
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	Blowing agent in the rubber and plastics industry. Equivalent level of concern due to its respiratory sensitizing properties.
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (4-tert-octylphenol ethoxylates)	140-66-9	Paints and coating products, emulsion polymerization. Equivalent level of concern due to its degradation to a substance with endocrine disrupting properties.
Aluminosilicate refractory ceramic fibers (Al-RCF)	N/A	Insulation for high-temperature industries; ceramic and metal composite reinforcement; and electrical and acoustic insulation. Carcinogenic.
Zirconia aluminosilicate refractory ceramic fibers (Zr-RCF)	N/A	Insulation for high-temperature industries; ceramic and metal composite reinforcement; and electrical and acoustic insulation. Carcinogenic.

Four applications for authorization recently were [submitted](#) to the ECHA in response to limitations implemented under REACH. The use or manufacture of substances on the Authorization List requires special approval. Applications for diarsenic trioxide and lead chromate pigments yellow 34 and red 104 were submitted for the following uses:

Substance Name	Uses
Diarsenic trioxide	<ul style="list-style-type: none"> • Purification of metal impurities from the leaching solution in a zinc electrowinning process • Production of copper concentrate in the purification of the leaching solution in a zinc electrowinning process • Mixtures • Use as a processing aid in gold electroplating
Lead sulfochromate yellow (C.I. pigment yellow 34); Lead chromate molybdate sulfate red (C.I. pigment red 104)	<ul style="list-style-type: none"> • Distribution and mixing pigment powder in an industrial environment for non-consumer use <ul style="list-style-type: none"> • Into solvent-based paints • Into liquid or solid premix to color plastic/plasticized articles • Professional, non-consumer application of paints on metal surfaces or as road markings • Professional use of solid or liquid color premixes and pre-compounds containing pigment in the application of hot melt road marking • Industrial application of paints on metal surfaces • Industrial use of solid or liquid color premixes and pre-compounds containing pigment to color plastic or plasticized articles for non-consumer use

The public consultation period will end on 09 April 2014. A full outline of the function of the substances, exposure criteria, and alternatives, as well as information regarding the public consultation process, is available on ECHA's [website](#).

Although requirements associated with REACH do not affect operations in the U.S. directly, they can affect the global supply chain and potentially reduce the future availability of regulated substances.

1.2.4 Non-Halogenated Flame Retardant Webinar

The Phosphorus, Inorganic, and Nitrogen Flame Retardants Association ([PINFA](#)) has scheduled a [webinar](#) for 10 June 2014 to discuss non-halogenated flame retardant alternatives in North America. PINFA represents manufacturers and users of non-halogenated flame retardants. PINFA's goal is to minimize the potential impacts flame-retardant products have on health and the environment. The webinar also will focus on recent innovation and future goals in the phosphorus, inorganic, and nitrogen flame retardant industry.

1.2.5 DfE Safer Chemical Ingredient List Webinar

EPA's Design for the Environment (DfE) Safer Product Labeling Program has scheduled a [webinar](#) for 18 March 2014 that will focus on the Safer Chemical Ingredient List ([SCIL](#)). The Safer Product Labeling Program is a voluntary program intended to identify high-performance and cost-effective products with safer ingredients than traditional products. Products that meet criteria specified by the DfE receive the DfE Safer Product Label. The webinar will provide an overview of the SCIL and discuss new substances that recently were added to the SCIL.

1.2.6 Call for Nominations for Federal Energy and Water Management Awards

The U.S. Department of Energy's (DOE's) Federal Energy Management Program (FEMP) is soliciting nominations for the 2014 [Federal Energy and Water Management Awards](#). The awards recognize outstanding achievements in energy and water efficiency, renewable energy, and fleet management within the federal government. Awards are given in five categories:

- Project awards
- Procurement awards
- Program awards
- Career exceptional service awards
- FEMP Director's award

Nominations must be submitted by 25 April 2014. FEMP has scheduled a [webinar](#) for 18 March 2014 to discuss nomination criteria.

1.2.7 Energy Savings Performance Contracts Workshops and Webinar

The DOE's FEMP has scheduled a series of three-day, classroom-based workshops focusing on Energy Savings Performance Contracts (ESPCs). The workshop provides background information about DOE indefinite-delivery, indefinite-quantity (IDIQ) and ESPC contracts, information about specific tasks required to establish an ESPC contract, and opportunities to participate in hands-on examples. Registration is required for attendance, and interested parties must complete FEMP's [Introduction to ESPC webinar](#) before attending any of the following listed classroom workshops. The workshops are identical and are available on the following dates and locations:

- [29 April - 01 May 2014 in Washington, D.C.](#)
- [13 - 15 May 2014 in San Antonio, Texas](#)
- [24 - 26 June 2014 in Los Angeles, California](#)

1.2.8 Global State of Sustainable Public Procurement Report and Webinar

The United Nations Environmental Program (UNEP) [announced](#) the availability of a report titled, "[Sustainable Public Procurement: A Global Review](#)," which summarizes the global state of sustainable public procurement (SPP). The report includes the following

- Information about global SSP policies and practices
- Interviews with SPP experts
- Case studies from six countries' SPP programs

The Sustainable Purchasing Leadership Council ([SPLC](#)) has scheduled a webinar, "The Global State of Public Procurement," for 07 March 2014 to discuss the SPP report. [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, 19 March 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

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
AL022114-1	Air SIP	02/13/2014	79 FR 8645 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans: Alabama: Error Correction and Disapproval of Revisions to the Visible Emissions Rule [40 CFR Part 52]</p> <p>Proposes to reconsider approval of the visible emissions final rule (73 FR 60957, 10/15/2008) applicable to certain stationary sources. EPA has determined that the 2008 approval was made in error. Comments due 03/17/2014.</p> <p>If this proposed action is finalized, the version of Alabama's visible emissions rule that was approved in the SIP prior to 10/15/2008 would be the SIP-approved rule.</p>	
AL022114-2	Water 303(d) List	02/09/2014	Public Notice #214	Notice	<p>Alabama Department of Environmental Management</p> <p>Notice of Availability of the Proposed Section 303(d) List of Impaired Waters for 2014</p> <p>Announces availability of the "Draft 2014 Section 303(d) List of Impaired Waters" and fact sheet for review. Comments due 03/10/2014.</p>	

2.1.1 2014 Brownfields Conference

The Alabama Department of Environmental Management (ADEM) has announced that the 2014 Brownfield Conference is scheduled for 08 April 2014 in Montgomery, Alabama. The [registration](#) period is open. ADEM will post the agenda to the conference [webpage](#) at a later date.

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
CA022114-1	Water NPDES	02/19/2014	SWRCB Website	Notice	<p>State Water Resources Control Board</p> <p>Statewide General National Pollutant Discharge Elimination System (NPDES) Permit for the Discharge of Storm Water Associated with Industrial Activities (Industrial General Permit)</p> <p>Announces availability of the Final Draft NPDES Industrial General Permit, which incorporates revisions resulting from comments received since the release of the July 2013 draft. The SWRCB will consider adopting the final draft permit at its board meeting, which is scheduled for 04/01/2014 in Sacramento, California. Comments due 03/04/2014.</p> <p>The NPDES Industrial General Permit regulates discharges of stormwater associated with 10 categories of industrial activities.</p>	NASA Centers should be aware of this action.

2.2.1 Court Orders CDPH to Issue Final Chromium-6 Drinking Water Standard

An Alameda County Superior Court recently ordered the California Department of Public Health (CDPH) to issue a final maximum contaminant level (MCL) for chromium-6 (hexavalent chromium) in drinking water. The Court's [ruling](#) included the following alternative timelines for issuing the final MCL:

- If the proposed MCL of 10 parts per billion (ppb) is not revised based on public comments received ([CRNR 2013, 34z, p. 1266](#), 23 August 2013), CDPH must finalize the standard by 15 April 2014.
- If CDPH revises the proposed MCL, it must finalize the standard by 15 June 2014.

Hexavalent chromium is a carcinogenic substance widely used in aerospace and other industries for corrosion control. Additional information is available on the CDPH [website](#).

2.2.2 Update to Climate Change Scoping Plan

The California Air Resources Board (ARB) [announced](#) the availability of the draft first update to the Assembly Bill (AB) 32 [Scoping Plan](#). The Scoping Plan directs implementation of California's greenhouse gas (GHG) emissions reduction strategies, including regulations, market-based approaches, voluntary measures, policies, and other programs. The update outlines the remaining steps required to meet California's 2020 GHG emissions reduction goals and identifies actions that focus on long-term and continue emissions reductions, including the need for a midterm statewide GHG emissions reduction target to track progress toward 80 percent reduction by 2050. Solicits informal [comments](#) due in spring 2014.

2.2.3 Updated Advisory on In-use, Off-road Compression Ignition Engine Standards

The ARB [announces](#) the availability of an advisory mail-out [MSC# 14-1](#) intended to clarify enforcement of the [in-use off-road diesel vehicle regulations](#). The regulations, which apply to in-use fleets that operate off-road, diesel-fueled (compression ignition) vehicles with engines rated at 25 horsepower or more, include the following provisions:

Requirement	Compliance Date
Requirements for adding fleet vehicles	01/01/2014
Emission performance requirements for large fleets	07/01/2014
Emission performance requirements for medium fleets	01/01/2017
Emission performance requirements for small fleets	01/01/2019

2.2.4 Cal-EPA Environmental Justice Program Update

The California Environmental Protection Agency (Cal-EPA) announced the availability of the [Environmental Justice Program Update](#). The report describes actions taken in the last 3 years to implement the [Intra-Agency Environmental Justice Strategy](#). Environmental justice is the development, implementation, and enforcement of environmental practices and regulations in a manner that is equal and fair for all geographic areas and social demographics. Additional information is available on the Cal-EPA environmental justice program [website](#).

2.2.5 California Priority Products List Webinar

The California Department of Toxic Substances Control (DTSC) and the Western Regional Pollution Prevention Network have scheduled a [webinar](#) for 17 April 2014 that will focus on the [California Priority Products List](#). As part of the Safer Consumer Products Regulations, effective 01 October 2013, DTSC is required to propose a list of five initial priority products to be regulated. The webinar will include discussions of the progress and status of the initial priority products list. [Registration](#) is required for attendance.

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 in the [Antelope Valley Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAA022114-1	Air	02/11/2014	AVAQMD Website	Notice	Antelope Valley Air Quality Management District Master Rule Development Calendar 2014 Announces availability of the AVAQMD-specific Master Rule Development Calendar 2014 informing the public and industry of those rules the district proposes to amend in 2014.	DFRC should be aware of this action.
CAA022114-2	Air	02/21/2014	AVAQMD Website	Proposed Rule	Antelope Valley Air Quality Management District Air Pollution Emergency Contingency Actions [Rule 701] Proposes administrative amendments to Rule 701 to clarify language and update formatting. Further details, draft rule language and public notice are available in the Draft Staff Report . Public hearing is rescheduled for 04/15/2014 in Lancaster, California. Comments due 04/14/2014.	

2.2.6.2 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](#).

2.2.6.3 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

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
CAM022114-1	Air	02/11/2014	MDAQMD Website	Notice	Mojave Desert Air Quality Management District Master Rule Development Calendar 2014 Announces availability of the MDAQMD-specific Master Rule Development Calendar 2014 informing the public and industry of those rules the district proposes to amend in 2014.	Goldstone should be aware of this action.

2.2.6.5 South Coast Air Quality Management District

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

2.2.6.6 Ventura County Air Pollution Control District

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

2.3 Florida State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL022114-1	Water Joint Coastal Permits	02/07/2014	FAR Notice #14143975	Proposed Rule	Department of Environmental Protection Joint Coastal Permits and Concurrent Processing of Proprietary Authorizations [Chapter 62B-49, F.A.C.] Proposes the following rule amendments: <ul style="list-style-type: none"> Implement statutory requirements. Clarify language. Add conditions and amend portions to expedite the permitting process. Amend procedures to allow for electronic submittal of applications. Draft rule text and agenda are available for review. Hearing is scheduled for 03/03/2014 in Tallahassee, Florida, or is available by webinar . The Joint Coastal Permit Program authorizes single JCPs for activities that previously would have required both a coastal construction permit and an environmental resource permit. A list of activities that require a JCP is available on the Program website.	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
LA022114-1	Radiation	02/20/2014	LR 40:282	Final Rule	Louisiana Department of Environmental Quality Expanded Definition of Byproduct Material [LAC 33:XV.102, 304, 322, 324, 328, 399, 460, 465, 499, 717, 729, 731, 732, 735, and 1302] Revisions are intended to align regulations with amended federal regulations. Amendments expand the definition of "byproduct material" to include such sources as: <ul style="list-style-type: none"> ▪ Discrete sources of radium-226 ▪ Discrete sources of naturally occurring radioactive materials Effective 02/20/2014.	

2.5 Maryland State Regulatory Review

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

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD022114-1	Air SIP-VOCs, NO _x	02/21/2014	41:4 Md.R. 306	Final Rule	Department of the Environment Control of Fuel-Burning Equipment, Stationary Internal Combustion Engines, and Certain Fuel-Burning Installations [COMAR 26.11.09.08] Adopts the following amendments to the SIP: <ul style="list-style-type: none"> ▪ Clarify VOC control system and applicable requirements. ▪ Incorporate existing NO_x RACT requirements. ▪ Amend the use of "allowance" to read "NO_x Ozone Allowance Season." Effective 03/03/2014.	

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

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

2.8 Ohio State Regulatory Review

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

2.8.1 Other News

The Ohio Environmental Protection Agency's (OEPA's) Division of Material and Waste Management (DMWM) announces availability of [guidance](#) regarding the management of solvent-contaminated rags and wipes as OEPA transitions from federal to state management of related requirements. OEPA expects to incorporate the federal requirements into OAC Rule 3745-51, Solvent Contaminated Rags and Wipes, by August 2014. Additional information is available at the DMWM's [website](#).

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	Citation	Type Action	Description	Suggested Actions
TX022114-1	Air SIP-Flexible Permit Program	02/12/2014	79 FR 8368 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; Texas; Revisions to the New Source Review State Implementation Plan; Flexible Permit Program [40 CFR Part 52]</p> <p>Proposes to conditionally approve revisions to the Texas NSR SIP that would establish the Flexible Permit Program. Final approval of the Texas Flexible Permit Program is contingent upon TCEQ's adoption and submittal of an EPA approved SIP revision. Comments due 03/14/2014.</p> <p>The Flexible Permit Program is a minor NSR permit program and is intended to eliminate the need for owners or operators of participating facilities to submit an amendment application each time certain types of operational or physical changes are made at a permitted facility. Additional information is available at the following TCEQ Flexible Permits webpage.</p>	
TX022114-2	Air SIP-GHG PSD Permitting	02/18/2014	79 FR 9123 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Air Quality Implementation Plans; Withdrawal of Federal Implementation Plan; Texas; Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule Revisions [40 CFR Part 52]</p> <p>Proposes to approve portions of two revisions to the Texas SIP that would revise the Texas PSD Program with the intent of regulating GHG emissions and clarifying applicability of BACT for all PSD permit applications. Also proposes to rescind the FIP for Texas, with three limited possibilities for retained authority. Comments due 03/20/2014.</p>	
TX022114-3	Air SIP-PM _{2.5}	02/14/2014	79 FR 8916 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Approval and Promulgation of Implementation Plans; Texas; Revisions for Permitting of Particulate Matter With Diameters Less Than or Equal to 2.5 Micrometers (PM_{2.5}) [40 CFR Part 52]</p> <p>Proposes the following actions:</p> <ul style="list-style-type: none"> ▪ Approves SIP revisions that would adopt Texas General Air Quality Definitions and Permits by Rule program revisions consistent with federal rules implementing the 1997 and 2006 PM_{2.5} NAAQS ▪ Finds that the Texas PSD NSR SIP meets all PM_{2.5} PSD SIP rules, which include permitting components such as the PM_{2.5} precursors of SO₂ and NO_x, condensables, significant emissions rates, and increment. <p>Comments due 03/17/2014.</p>	

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
UT022114-1	Air Emissions Inventories	02/15/2015	UT Bull. Vol. 2014-4; DAR File No. 38261	Notice	Utah Department of Environmental Quality; Division of Air Quality Emission Inventories [R307-150] Announces continuation of the rule as a result of UDEQ's 5-year review. UDEQ determined that the rule was necessary to enable the State of Utah to meet federal emissions inventory reporting requirements. Effective 01/28/2014.	
UT022114-2	Air PSD	02/15/2015	UT Bull. Vol. 2014-4; DAR File No. 38260	Notice	Utah Department of Environmental Quality; Division of Air Quality Permits: Major Sources in Attainment or Unclassified Areas Prevention of Significant Deterioration (PSD) [R307-405] Announces continuation of the rule as a result of UDEQ's 5-year review. UDEQ determined that the rule was necessary to implement the federal PSD permitting program. Effective 01/28/2014.	
UT022114-3	Water Water Quality	02/19/2014	UDWQ Website	Notice Hearing	Utah Department of Environmental Quality; Division of Water Quality Standards of Quality for Waters of the State 2014 Triennial Review Announces a public hearing and solicits comments in support of Utah's 2014 Water Quality Standards Triennial Review. Public hearing is scheduled for 03/03/2014 in Salt Lake City, Utah. Comments due 03/18/2014. Additional information is available on the UDWQ WQS website.	

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
VA022114-1	Storage Tanks ASTs	02/24/2014	30:13 VA.R. 1715	Notice Forms	State Water Control Board, Virginia Department of Environmental Quality Facility and Aboveground Storage Tank (AST) Regulation [9VAC25-91] Announces availability of the following updated forms: <ul style="list-style-type: none"> ▪ Registration for Facility and AST (DEQ Form 7540-AST) ▪ Approval Application for Facility Oil Discharge Contingency Plan ▪ Renewal Application for Facility Oil Discharge Contingency Plan 	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA022114-2	Water Groundwater	02/24/2014	30:13 VA.R. 1715-1716	Notice Forms	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>Ground Water Withdrawal Regulations [9VAC25-610]</p> <p>Announces availability of the following updated forms:</p> <ul style="list-style-type: none"> ▪ Water Division Permit Application Fee Form ▪ Application Instructions for Completing a Groundwater Withdrawal Permit Application ▪ Application for a Groundwater Withdrawal Permit ▪ Groundwater Withdrawal Permit–Change of Ownership Agreement Form ▪ Uncontested Termination Agreement Form ▪ Water Well Completion Report, Form GW-2 ▪ Public Notice Authorization Form–Authorization for Public Notice Billing to Groundwater Withdrawal Permit Applicant ▪ Preapplication Meeting-Application for a Groundwater Withdrawal Permit ▪ Local and Area Wide Planning Requirements ▪ Quarterly Groundwater Withdrawal Report ▪ Mitigation Plan ▪ Existing Users Groundwater Withdrawal Permit Application and Instructions 	
VA022114-3	Water VPDES	02/24/2014	30:13 VA.R. 1716-1750	Final Rule	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>General Permit for Discharges of Stormwater from Construction Activities [9VAC25-880]</p> <p>Finalizes amendments and reissues the existing general permit for discharges of stormwater from construction activities. Amendments include the following:</p> <ul style="list-style-type: none"> ▪ Addition of new definitions. ▪ Authorization of discharges from emergency-related construction activities. ▪ Incorporation of administrative continuance provisions for existing construction activities currently covered under the 2009 general permit. ▪ Updates provisions for discharges to impaired waters, surface waters with an approved TMDL, and exceptional waters for consistency with the final federal 2012 construction general permit. <p>Revisions to SWPPP requirements. Effective 07/01/2014.</p>	NASA Centers should be aware of this action.
VA022114-4	Water VPDES	02/24/2014	30:13 VA.R. 1761	Final Rule Correction	<p>State Water Control Board, Virginia Department of Environmental Quality</p> <p>General VPDES Permit for Discharges of Stormwater Associated with Industrial Activity [9VAC25-151]</p> <p>Corrects an editorial error in the final regulation (30:11 VA.R. 1467-1551, 01/27/2014) by removing "Recoverable" from "Total Recoverable Magnesium" in Table 180-2, Sector K–Benchmark Monitoring Requirements. Effective 07/01/2014.</p>	