

White Sands Test Facility Sustainability Program





WSTF History

- Established in 1963
- Tenants of U.S. Army White Sands Missile Range
- Component site of Johnson Space Center
- Capabilities
 - Rocket propulsion testing and evaluation
 - Oxygen systems testing and analysis
 - Hypervelocity impact testing
 - Propellants and aerospace fluids testing and analysis
 - Composite pressure systems testing and analysis
 - Flight Acceptance Standard Testing (FAST)
 - Spaceflight Component Services (SCS)

WSTF Sustainability Program History

- WSTF Sustainability Initiative Team (WSIT) was established in 2005 by the Energy Manager
- WSIT identified the need to raise employee awareness in all aspects of sustainability
- Environmental Management System (EMS) incorporated into the WSTF Integrated Management System
- Environmental Management Programs (EMPs) created to mitigate environmental impacts
- Sustainability EMPs established in 2006 and continue today

WSTF Environmental Compliance


WSTF Management System Policy


WSTF is driven by commitment to our values, to exceed customer expectations, to proactively evaluate and comply with legal and other requirements, to prevention of pollution, and to continual improvement. To accomplish this, we will:

- Establish measurable objectives at relevant levels in the organization.
- Identify and manage hazards and risks.
- Communicate this policy to employees and make it available to the public.
- Review this policy periodically for continuing applicability.

WSTF's mission is to provide the expertise and infrastructure to test and evaluate materials, components, and propulsion systems to enable the safe exploration and use of space with the commitment to multi-media environmental compliance in all facility activities. To accomplish the mission, NASA established a Quality Management System (QMS) and an Environmental Management System (EMS) to ensure conformance is maintained. Continuous improvement is part of the way WSTF does business.

Integral to the QMS and EMS is the identification of WSTF objectives designed to minimize or eliminate negative risks or elevate positive opportunities.

Aspect	Customer Satisfaction
Objective	Obtaining positive customer feedback.
Target	Obtain customer feedback from at least 80% of customers in a fiscal year. Maintain 95% "satisfied" or better customer feedback responses (individual questions).
Aspect	Drinking Water Supply System Improvements
Objective	Maintain quality drinking water at WSTF by upgrading and improving overall system components.
Target	Design (as required), schedule, construct, and complete miscellaneous drinking water system improvement projects.
Aspect	Resource Conservation
Objective	Reduction of multi-media resources.
Target	Design (as required), schedule, support, and complete multi-media resource conservation measures.
Aspect	Environmental Improvement and Outreach Activities
Objective	Improve employee awareness for continual improvement in pollution prevention, resource conservation, and reuse for waste reduction and environmental stewardship.
Target	Continue Site-Wide Sustainability Working Group (SZWG) as WSTF employee Sustainability awareness and discussion forum. Support WSTF Stakeholders with meeting NASA Sustainability Goals. Raise employee awareness for continual improvement. Increase employee involvement to reduce resource use and increase material reuse.












Sustainability Program Drivers

- **President Biden's EO 14057** goals for GHG reductions, energy efficiency, sustainable acquisition, waste management, and more.
- **NASA's Sustainability Plan** in response to EO 14057 lists Priority Actions to support EO goals.
- **FAR Part 23** – Environment, Energy and Water Efficiency, Renewable Energy Technologies, Occupational Safety, and Drug-Free Workplace
- **RCRA Section 6002** – Federal Procurement
- **WSTF's ISO 14001 Environmental Management Systems (EMS)** states WSTF is committed to protect the environment from harm and degradation and use resources sustainably.
- **WSTF Integrated Management System (WIMS)** - integrated system of policies, processes, and procedures that enable WSTF to meet its objectives and requirements and perform its operations (including business and financial management, security, product quality, safe operations, client relationships, legislative and regulatory conformance, etc.).



Pillars of Executive Actions



100% Carbon Pollution-Free Electricity by 2030, including 50% on a 24/7 basis



100% Zero-Emission Vehicle Acquisitions by 2035, including 100% light-duty acquisitions by 2027



Net-Zero Emissions Buildings by 2045, including a 50% reduction by 2032



Net-Zero Emissions Procurement by 2050



Net-Zero Emissions Operations by 2050, including a 65% reduction by 2030



Climate Resilient Infrastructure and Operations



Develop a Climate- and Sustainability-Focused Workforce



Advance Environmental Justice and Equity-focused Operations



Accelerate Progress through Domestic and International Partnerships

PRIORITY ACTIONS

		Actions		CFE	Fleet	Buildings	Procurement	Adaptation	Net-Zero Emissions Operations by 2050
3	Net-Zero Emissions Buildings by 2045, including a 50% reduction by 2032	Build for net-zero emissions		•	•	•	•	•	•
		Implement the Federal Building Performance Standard		•		•	•		•
		Increase energy and water efficiency		•	•	•	•	•	•
		Reduce waste, minimize use of toxic materials, and drive markets for recycled products				•	•		•
		Achieve higher levels of sustainability in owned and leased buildings		•	•	•	•	•	•
4	Net-Zero Emissions Procurement by 2050	Require major Federal suppliers to publicly disclose GHG emissions and climate risks, and set science-based targets to reduce emissions		•	•	•	•		•
		Launch a Buy Clean initiative for low-carbon materials			•	•	•		•
		Change Federal procurement rules to minimize the risk of climate change, including factoring in the social cost of GHG in to procurement decisions		•	•	•	•	•	•
		Maximize the procurement of sustainable products and services		•	•	•	•	•	•
6	Climate Resilient Infrastructure and Operations	Routinely assess climate vulnerabilities and risks		•	•	•	•	•	
		Modernize Federal policy, programs, operations, and infrastructure to support climate resilient investment		•	•	•	•	•	
		Establish the Climate Adaptation and Resilience Federal Leaders Working Group		•	•	•	•	•	

Sustainability Application

 Sustainability

Buyers

Green Products

GPC Website

Waiver System (WSTF Only)

Paper Savings

Reuse Market Place

NASA Excess Shopping

Actions

Metrics

NETS

References

Training

Contacts

Sustainability Application



NASA Project Manager

Amanda Skarsgard | 575.524.5460

Contractor Project Lead

Melissa John | 575.524.5353

Application Information

Version: 3.1.0.11



Reducing Waste and Pollution

- Divert at least 50% of non-hazardous solid waste by 2025 and at least 75% by 2030
- Advance waste prevention practices that save natural resources, reduce pollution, reduce waste toxicity, and save money.

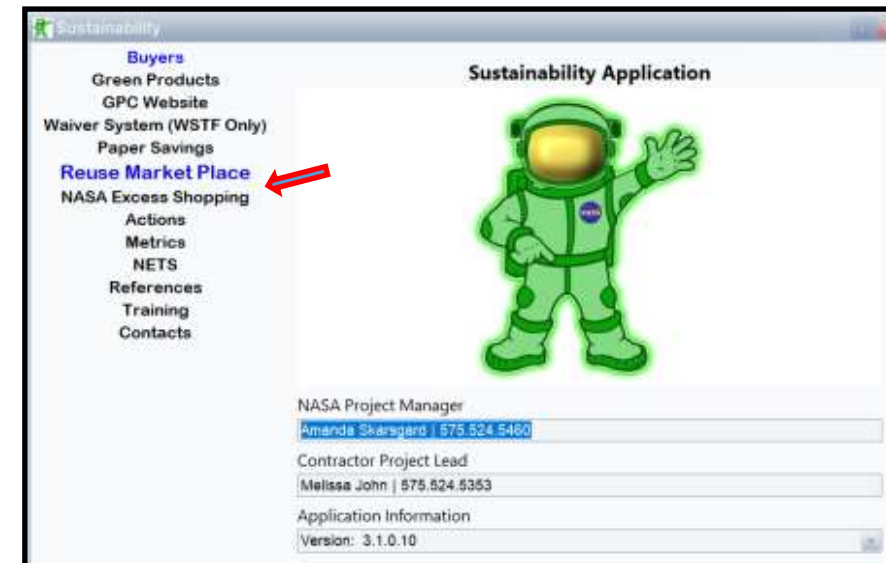
PRIORITY ACTIONS



Construction &
Demolition
Recycling

WSTF
Recycles, Reduces, Reuses

Single
Stream
Recycling



Reuse Market
Place

Reuse Market Place (ReMaP)

Query Inventory

Home

Inventory to Excel Dispositioned to Excel All Tickets Fresh Grid Past Due Ready to Recycle

Export Records Expired Inventory

Inventory Dispositioned

Enter text to search... Find Clear

Drag a column header here to group by that column

Ticket No	Responsible Office	Type	Expires	Item
WSTF-2017-0192	RE/Env/Compliance	Reuse	6/15/2...	55 gal HDPE Drums, used, empty
WSTF-2018-0076	RE/Env/Operations	Reuse	10/31/...	Binder Clips, Large, 12 in a box
WSTF-2018-0095	RC/FacOps (FA0)/...	Reuse	9/19/2...	File cabinet, 5-drawer, blue
WSTF-2018-0097	RH/Mission (MS0)/...	Reuse	10/12/...	Metal File Cabinet-Tan
WSTF-2018-0117	RH/Mission (MS0)/...	Reuse	9/3/2018	Desk
WSTF-2018-0125	RH/Mission (MS0)/...	Reuse	9/28/2...	File Cabinet (two drawer)
WSTF-2018-0128	RE/Env/Compliance	Reuse	10/4/2...	Hanging Folders, Green, Legal S
WSTF-2018-0130	RE/Env/Compliance	Reuse	10/4/2...	3-Ring Binders, Used, Assorted

- WM-GP2-0001, General Policies & Processes
- WSI-15-SW-0018, Disposal of Government Property

WSTF Edit ReMaP Inventory

Instructions Fix it

Ticket Number: 2017-0137 WSTF Claim Item Automatically Saves on Exit

Date: 9/1/2017 Expires: 10/1/2017 UOM: Each Unit Price: 0.01 Item: File Cabinet, 2 Drawer, Gray

Attachment: Open Browse

Type: Reuse Material: Furniture Contact: Patty, Jimmy or Claudia Phone: 5540, 5243, 5614

Email:


Item Details: 29" (H) x 28.5" (D) x 15" (W)

Location: 150 Yard

Status: Closed Balance: 0.00

Ticket Comments: 10/11/2017 - 1 Each File Cabinet, 2 Drawer, Gray to Disposal - Locate to Bldg 150 Received 1 Each on 9/1/2017

Browse for Photo Paste Image



ReMaP Reporting

Recycling and Waste Reduction Program Data Entry

New Record Query Send to Excel Import ReMaP Data Refresh

Drag a column header here to group by that column

Delete	Input Date	FY	Material	Category	UOM	Amount	Comment	Center
* Click here to add a new row								
	7/5/2022	2022	Chemicals	Reutilized	Dollars	900.00	55 gal of excess IPA from propulsion that was going to be waste was given to Hypervelocity for reuse by J. Corkran.	WSTF
	5/11/2022	2022	Furniture	Reutilized	Dollars	300.00	ReMaP WSTF-2022-0049 2-seater couch.	WSTF
	5/11/2022	2022	Furniture	Reutilized	Dollars	500.00	ReMaP WSTF-2022-0046 Metal bookcase with glass doors.	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	5.00	ReMaP WSTF-2022-0043 Cardboard 3-Month calendar holder	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	30.00	ReMaP WSTF-2022-0044 Wooden 3-month calendar holder	WSTF
	5/11/2022	2022	Electronics/Lam...	Reutilized	Dollars	25.00	ReMaP WSTF-2022-0035 Headphones - New	WSTF
	9/3/2021	2021	Furniture	Reutilized	Dollars	150.00	ReMaP WSTF-2021-0006 Metal Cabinet with Drawers	WSTF
	9/3/2021	2021	Office Supplies	Reutilized	Dollars	150.00	ReMaP WSTF-2021-0007 Ready Made Wall Frame (6)	WSTF
				328	86,268.92			

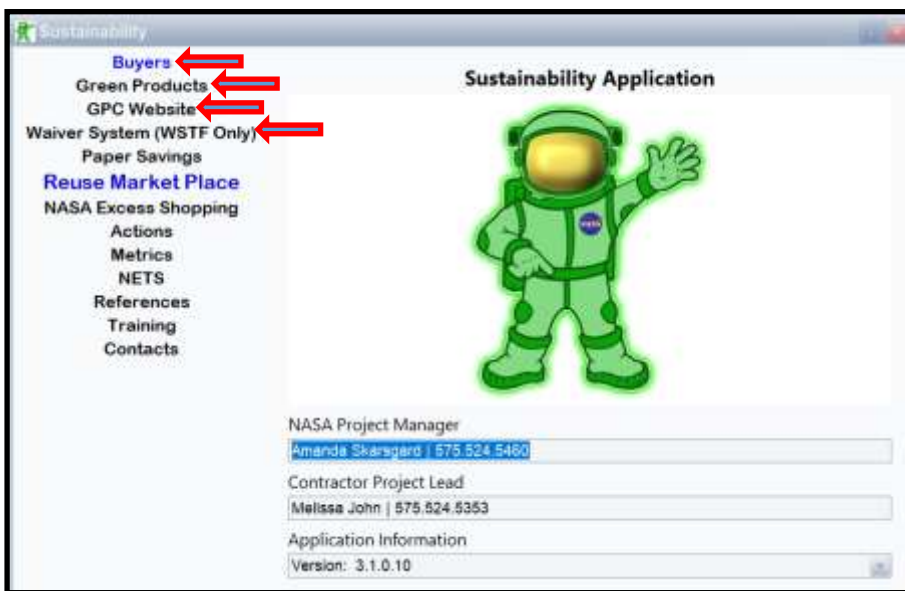
Sustainable Procurement



- Increase acquisition of sustainable products and services by training acquisition personnel; monitoring the contracting process; and improving sustainable procurements reporting.

Regulatory and NASA Requirements

- FAR Part 23, Sustainable Acquisition Policy
- RCRA 6002 – affirmative procurement
- NPD 8500.1, NASA Environmental Management
- NPR 8530.1 NASA Sustainable Acquisition
- WM-ENV-0001 WSTF Environmental Manual

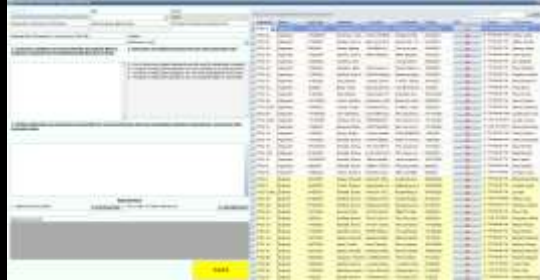


Green Procurement Compilation

The Green Procurement Compilation (GPC) is a comprehensive green purchasing resource designed for federal contracting personnel and program managers.

Sustainable Acquisition Process

Step 5: Submit a waiver through Sustainability Application – Waiver System if the item requirements cannot be met.



Item ID	Item Name	Waiver Status	Waiver Reason	Waiver Date	Waiver User
101	Item 1	Approved	Item 1	10/10/2023	User 1
102	Item 2	Approved	Item 2	10/10/2023	User 1
103	Item 3	Approved	Item 3	10/10/2023	User 1
104	Item 4	Approved	Item 4	10/10/2023	User 1
105	Item 5	Approved	Item 5	10/10/2023	User 1
106	Item 6	Approved	Item 6	10/10/2023	User 1
107	Item 7	Approved	Item 7	10/10/2023	User 1
108	Item 8	Approved	Item 8	10/10/2023	User 1
109	Item 9	Approved	Item 9	10/10/2023	User 1
110	Item 10	Approved	Item 10	10/10/2023	User 1

Step 4: Shop for it. Check websites that include recycled content/biobased information. Ask vendors for assistance.

Step 3: Check Sustainability Application - Green Products List.

Step 1: Check ReMaP.



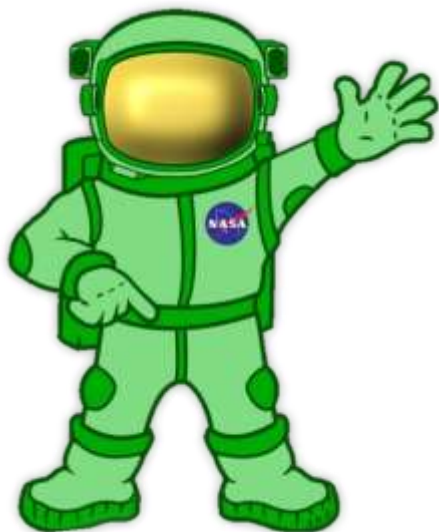
Material ID	Material Name	Material Type	Material Properties	Material Status
101	Material 1	Material 1	Material 1	Material 1
102	Material 2	Material 2	Material 2	Material 2
103	Material 3	Material 3	Material 3	Material 3
104	Material 4	Material 4	Material 4	Material 4
105	Material 5	Material 5	Material 5	Material 5
106	Material 6	Material 6	Material 6	Material 6
107	Material 7	Material 7	Material 7	Material 7
108	Material 8	Material 8	Material 8	Material 8
109	Material 9	Material 9	Material 9	Material 9
110	Material 10	Material 10	Material 10	Material 10

Step 2: Check GPC website for statutory requirement(s).




Product ID	Product Name	Product Type	Product Properties	Product Status
101	Product 1	Product 1	Product 1	Product 1
102	Product 2	Product 2	Product 2	Product 2
103	Product 3	Product 3	Product 3	Product 3
104	Product 4	Product 4	Product 4	Product 4
105	Product 5	Product 5	Product 5	Product 5
106	Product 6	Product 6	Product 6	Product 6
107	Product 7	Product 7	Product 7	Product 7
108	Product 8	Product 8	Product 8	Product 8
109	Product 9	Product 9	Product 9	Product 9
110	Product 10	Product 10	Product 10	Product 10





SA Reporting

NASA HQ reports to Council of Environmental Quality and the Office of Management and Budget

NASA Environmental Tracking System (NETS)

Data entry into NASA Environmental Tracking System (NETS) by center

Extrapolate data from

- ReMaP (reuse)
- WSTF contractor's purchases (SA metric)
- Recycling information (waste diversion)
- Waste information (waste diversion)

Recycling and Waste Reduction Program Data Entry

New Record Query Send to Excel Import ReMaP Data Refresh

Drag a column header here to group by that column

Enter text to search

Delete	Input Date	FY	Material	Category	UOM	Amount	Comment	Center
							Click here to add a new row	
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	36.00	ReMaP WSTF-2022-0033 Mechanical Pencils (3) and lead replacements	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	36.00	ReMaP WSTF-2022-0030, 0031, 0032 Boxes (3 total) of ball point pens	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	52.00	ReMaP WSTF-2022-0028 25 boxes of paper clips (var sizes) and staples	WSTF
	5/11/2022	2022	Electronics/Lam	Reutilized	Dollars	1,250.00	ReMaP WSTF-2022-0026 HP N8400 Scanjet Document Flatbed Scanner	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	3.00	ReMaP WSTF-2022-0018 Staple remover	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	10.00	ReMaP WSTF-2022-0015 Heavy Duty Staple Remover	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	8.00	ReMaP WSTF-2022-0014 Stapler	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	16.00	ReMaP WSTF-2022-0013 2 pr scissors	WSTF
	5/11/2022	2022	Furniture	Reutilized	Dollars	1,450.00	ReMaP WSTF-2022-0009 Wardrobe Cabinet (2-door) -wood	WSTF
	5/11/2022	2022	Plastics	Reutilized	Dollars	560.00	ReMaP WSTF-2022-0004 8 x 55 gallon food grade HDPE drums	WSTF
	5/11/2022	2022	Furniture	Reutilized	Dollars	75.00	ReMaP WSTF-2021-0048 1 of 2 printer stands	WSTF
	5/11/2022	2022	Furniture	Reutilized	Dollars	300.00	ReMaP WSTF-2021-0045 wood with red fabric executive chairs (3 of 6 claimed)	WSTF
	5/11/2022	2022	Furniture	Reutilized	Dollars	250.00	ReMaP WSTF-2021-0045 Adjustable standing desk with dual monitor attachment	WSTF
	5/11/2022	2022	Office Supplies	Reutilized	Dollars	75.00	ReMaP WSTF-2021-0036 various file tray organizers (5)	WSTF
	5/31/2022	2022	Plastics	Plastic Bags	Lbs	80.00	Plastic film recycled through partnership with Albertsons	WSTF
	6/2/2022	2022	Single Stream M...	Single Stream	Lbs	2,380.00	SCSWA Ticket 5392922 WSTF only weight	WSTF
	6/16/2022	2022	Plastics	Reutilized	Lbs	27.00	Waste HDPE cylinder ends destined for a landfill were recycled to a local community non-profit Cruces Creatives 3-D printing workshop	WSTF

National Aeronautics and Space Administration FY 2021 OMB SCORECARD FOR FEDERAL SUSTAINABILITY

GOAL ASSESSMENT		METRICS	PERFORMANCE RATING*	OTHER PROGRESS INDICATORS			
GREENHOUSE GAS EMISSIONS FROM STANDARD OPERATIONS	Change in scope 1&2 emissions from FY 2008:	-45.7%	Scope	Sector (MTCO2e)	FY 2008	FY 2020	FY 2021
	Change in scope 1&2 emissions from prior year:	-2.3%	1 & 2	Total	1,255,260	697,803	681,975
	Change in scope 1 facility energy emissions from FY 2008:	-5.2%	1	Facility	164,612	153,788	156,060
	Change in scope 2 facility energy emissions from FY 2008:	-55.5%	2	Facility	958,712	448,267	426,322
	Change in scope 1 fleet energy emissions from FY 2008:	-72.1%	1	Fleet	12,000	3,796	3,347
	Change in scope 1 other emissions from FY 2008:	-19.8%	1	Other	119,936	91,952	96,247
			1	Direct GHG intensity of all facilities (kg/GSF):			4.07
FACILITY ENERGY EFFICIENCY	Change in energy intensity (Btu/GSF) compared to FY 2003:	-41.1%	Category	FY 2003	FY 2020	FY 2021	
			Energy intensity (Btu/GSF):	215,906	122,206	127,128	
	Change in energy intensity (Btu/GSF) from prior year:	4.0%	Energy use (Net billion Btu):	6,850	3,839	3,973	
				Gross Square Feet (thousand):	31,729	31,411	31,254
EFFICIENCY MEASURES/ INVESTMENT	Covered facilities evaluated for efficiency opportunities (in terms of covered facility energy use):	57.4%	Implementation cost of ECMs identified within last 4 years (\$M):				\$135.9
			CTS-reported investment in covered facilities in FY 2021 (\$M):				na
	Performance contracting investment percentage in FY 2021	78.4%	Total direct investment in FY 2021 (\$M):				\$7.7
	Performance contracting investment percentage last 4 years	57.3%	ESPC and UESC investment in FY 2021 (\$M):				\$27.8
RENEWABLE ENERGY USE	Renewable electricity used (as a percentage of total electricity use):	9.6%	Renewable electricity + non-electric renewable energy used (as a percentage of total electricity use):				23.9%
WATER EFFICIENCY	Change in potable water intensity compared to FY 2007:	-35.2%	Category	FY 2007	FY 2020	FY 2021	
	Change in potable water intensity from prior year:	-4.7%	Facility Water Intensity (Gal per GSF)	73.2	49.7	47.4	
HIGH PERFORMANCE SUSTAINABLE BUILDINGS	Percent of eligible buildings meeting sustainability criteria:	21.9%	Buildings meeting sustainability criteria:				48
	Percentage point difference from prior year:	1.7	Total count of eligible buildings:				219
	Percent of GSF (eligible) meeting sustainability criteria:	26.4%	GSF meeting sustainability criteria (thousand):				3,418
	Percentage point difference from prior year:	1.4	Total eligible GSF (thousand):				12,923
TRANSPORTATION/ FLEET MANAGEMENT	Change in petroleum fuel use in covered fleet compared to FY 2005:	-71.3%	Alternative fuel use as a percentage of total covered fleet fuel use:				14.8%
			Covered AFVs (w/bonus credits) as a percent of acquisitions:				153.0%
	Change in petroleum fuel use in covered fleet compared to prior year:	-11.9%	Light-duty zero-emission vehicles as a percent of acquisitions:				9.64%
			Total number of installed EV charging ports to date:				359
SUSTAINABLE ACQUISITION	Percentage point difference of sustainable contract actions from prior year:	0.2	Number of applicable contract actions w/ sustainable clauses, FY21:				4,947
			Number of applicable contract actions w/ sustainable clauses, FY20:				4,828
	Percentage point difference of value of contracts with sustainable requirements from prior year:	1.8	Value of applicable contract actions w/ sustainable clauses, FY21:				\$3,464.3M
			Value of applicable contract actions w/ sustainable clauses, FY20:				\$3,125.8M

*Due to the COVID-19 pandemic, the data as reported may appear anomalous and represent exogenous factors beyond the agency's control. The impact on agency performance has not been fully evaluated at this time.

Sources: Agency submitted data from Annual Energy Data Report, EISA 432 Compliance Tracking System, Federal Real Property Profile, Federal Automotive Statistical Tool, SAM.GOV



Source: <https://www.sustainability.gov/nasa.html>

OMB Scorecard

Btu = British thermal units
GSF = Gross square foot (or feet)
ESPC = Energy Savings Performance Contracts
UESC = Utility Energy Savings Contracts

ECM = efficiency/conservation measure
AFV = alternative fuel vehicle
GHG = greenhouse gas
na = not available

Greenhouse Gas Emissions: Agencies' GHG emission reductions compared to FY 2008 base year by scope and end-use sector will be tracked and reported as an indicator on the Scorecard along with direct GHG emissions intensity from energy use in all facilities.

Facility Energy Efficiency: Agencies are assessed on meeting or exceeding the statutory goal of a 30% reduction in Btu/GSF from a 2003 baseline and demonstrating a reduction from the prior year.

Agency achieved ≥30% reduction compared to 2003 AND achieved a reduction in energy intensity from the prior year.	Agency achieved ≥30% reduction compared to 2003 OR achieved a reduction in energy intensity from the prior year.	Agency did not achieve a 30% reduction in energy intensity compared to 2003 AND did not achieve a reduction in energy intensity from the prior year.
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Identification of Efficiency Measures/Investment: Agencies are assessed on covered facility evaluations. OMB will also track percentage of efficiency investment executed through performance contracts, potential investment in identified ECMs and reported project investment in covered facilities.

≥90% of facility evaluations completed/updated within last 4 years AND agency awarded performance contracts in the fiscal year.	≥75% facility evaluations completed/updated within last 4 years OR agency awarded performance contracts in the fiscal year.	Less than 75% of facility evaluations completed/updated within last 4 years & agency did not award any performance contracts in the fiscal year.
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Renewable Energy: Agencies are assessed on meeting or exceeding 7.5% renewable electricity use annually. OMB will also track non-electric RE use.

Renewable electricity comprised ≥7.5% of total electricity use.	Renewable electricity combined with non-electric renewable energy sources (thermal + mechanical) comprised ≥7.5% of total electricity use.	Renewable electricity combined with non-electric renewable energy sources (thermal + mechanical) comprised <7.5% of total electricity use.
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Water Efficiency: Agencies are assessed on continued reductions in potable water use intensity and a 20% reduction from its 2007 baseline.

Agency achieved ≥20% reduction in potable water use intensity compared to 2007 AND reduced its potable water use intensity from the prior year.	Agency achieved ≥20% reduction compared to 2007 OR achieved a reduction in potable water use intensity from the prior year.	Agency did not achieve a 20% reduction compared to 2007 AND did not reduce its potable water use intensity from the prior year.
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High-Performance Sustainable Buildings: Agencies are assessed on the number and square footage of owned federal buildings that are sustainable buildings and are tracked in the Federal Real Property Profile (FRPP).

At least 33% of agency owned buildings or GSF meet sustainable building criteria AND the agency increased percentage of sustainable buildings or GSF from the prior year.	At least 15% of agency owned buildings or GSF meet sustainable building criteria OR the agency increased percentage of sustainable buildings or GSF from the prior year.	Less than 15% of agency owned buildings or GSF meet sustainable building criteria AND the agency decreased percentage of sustainable buildings or GSF from the prior year.
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Fleet Management: Agencies are assessed on meeting or exceeding a 20% reduction in petroleum use compared to 2005 and demonstrating a reduction from the prior year. OMB will also track alternative fuel use percentage, fleet acquisitions, and installed EV charging ports.

Agency achieved ≥20% reduction in petroleum use compared to 2005 AND achieved a reduction in petroleum use from prior year.	Agency achieved ≥20% reduction in petroleum use compared to 2005 OR achieved a reduction in petroleum use from prior year.	Agency did not achieve a 20% reduction in petroleum use compared to 2005 AND did not achieve a reduction in petroleum use from prior year.
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Sustainable Acquisition: Agencies are assessed on the change from prior year performance of the percentage of contract actions and dollar value of sustainable acquisitions as reported in the FPDS, which include the mandatory clauses for the purchase of bio-based, energy-efficient, recycled content and other sustainable attributes.

Agency increased percentage of sustainable acquisitions of total actions (both number of actions & dollar value) from prior year percentage levels.	Agency increased percentage of sustainable acquisitions of total actions (either number of actions or dollar value) from prior year percentage levels.	Agency decreased percentage of sustainable acquisitions of total actions (either number of actions or dollar value) from prior year percentage levels.
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Climate- and Sustainability-Focused Federal Workforce

Foster a proactive, sustainability-focused culture Agency-wide.



Porcelain Press NASA
Health - Safety - Environment

5 Ways to Support a Sustainable WSTF:

1. Report any water leaks
2. Turn off lights when not in use
3. Reduce, Reuse, Recycle
4. Stop vehicle idling
5. Practice Sustainable Acquisition

SUSTAINABLE
NASA
WHITE SANDS TEST FACILITY

WSTF Site-wide Sustainability Working Group (S2WG)

New Mexico's climate is changing. Most of the state has warmed at least one degree (F) in the last century. Throughout the southwestern United States, heat waves are becoming more common, and snow is melting earlier in spring. In the coming decades, our changing climate is likely to decrease the flow of water in the Colorado, Rio Grande, and other rivers; threaten the health of livestock; increase the frequency and intensity of wildfires; and convert some rangelands to desert.

EPA United States Environmental Protection Agency

**What Climate Change
Means for New Mexico**

Lights Off

**Conserve
Energy**

S2WG

Outreach

S2WG outreach

- What's Going On monthly newsletter
 - Biobased products, Green Star Award
 - S2WG staff initiative ideas
- Porcelain Press biweekly newsletter
 - Green Product of the Month
- WSTF Today articles
- Sustainability Web Page Accessibility
- Sustainable Acquisition training
- Monthly Lunch & Learn presentations
- Periodic meeting with janitorial, facilities, & area staff
- Sustainability staff included in weekly safety walkthroughs of all WSTF areas



Culture Changes

- New employees
- Changing recycling markets
- Executive Order changes

