Consumer Confidence Report Certification Form
(updated with electronic delivery methods)

(suggested format)

CWS Name: Stennis Space Center

PWSID No: MS0230015

The community water system named above hereby confirms that its consumer confidence report has been distributed to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the state/primacy agency.

Certified by:

Name: David Lorance

Title: Environmental Officer

Phone #: 228-688-1516 Date: 6/16/2021

Please check all items that apply.

____ CCR was distributed by mail.

X CCR was distributed by other direct delivery method. Specify direct delivery methods:

___ Mail – notification that CCR is available on website via a direct URL

___ Email – direct URL to CCR

X Email – CCR sent as an attachment to the email

___ Email – CCR sent embedded in the email

___ Other: _____

If the CCR was provided by a direct URL, please provide the direct URL Internet address:

www.https://ssccommunity.ssc.nasa.gov/library.asp

If the CCR was provided electronically, please describe how a customer requests paper CCR delivery:

Contact the Environmental Office

X "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods as recommended by the state/primacy agency:

X posting the CCR on the Internet at www.https://ssccommunity.ssc.nasa.gov/library.asp

____ mailing the CCR to postal patrons within the service area (attach a list of zip codes used)

____ advertising availability of the CCR in news media (attach copy of announcement)

____ publication of CCR in local newspaper (attach copy)

____ posting the CCR in public places (attach a list of locations)

____delivery of multiple copies to single bill addresses serving several persons such as: apartments, businesses, and large private employers

____ delivery to community organizations (attach a list)

X electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)

____ electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)

____ (for systems serving at least 100,000 persons) Posted CCR on a publicly-accessible Internet site at the address: www._____

____ Delivered CCR to other agencies as required by the state/primacy agency (attach a list)

National Aeronautics and
Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

June 16, 2021

Reply to the Attn: **RA02**

Ms. Melissa Parker
Mississippi Department of Health
Post Office Box 1700
Jackson, MS 39215-1700

Dear Ms. Parker:

The John C. Stennis Space Center (SSC) is submitting the 2020 reporting year signed Consumer Confidence Report (CCR) Certification Form for public water system # MS0230015. The population for this reporting period was 3,335.

The CCR was electronically submitted to the Environmental Working Group members per the listing below, which consist of NASA contractors, resident government agencies, resident academia and other specific contact persons who will disseminate or post the CCR in their respective areas. The following materials are attached to demonstrate dissemination:

Attachment A/ CCR/Certification Page
Attachment B/ Copy of the e-mail that was sent to the Environmental Working Group Listing
Attachment C/Copy of the Orbiter dated June 16, 2021
Attachment D/CCR Posted on the SSC's Intranet Portal

If you have additional questions, please contact Mr. Adam Murrah at (228) 688-1619.

Sincerely,

DAVID LORANCE

Digitally signed by DAVID LORANCE
Date: 2021.06.16 11:15:36 -05'00'

David K. Lorance
Environmental Officer

cc:

RA02/Adam Murrah

Working Group Members & Other Contacts	Agency	Building Location
Nick Hollis/James Lopez	Naval Oceanographic Office	1000, 1002, 1100, 1005, 1032, 1011, 2406, 9134, 9307, 9600
Evan Tillman/ D. Jones	United States Geological Survey/HIF	2101
Jay Hancock Eric Lamky	National Data Buoy Center	3202, 3203, 3206
Lou Calehuff/Jamal Dejli	Naval Research Lab	1005, 1007,1009
Allison Mojzis	University Southern Mississippi	1020, 1022
Dr. Robert Moorhead/ Dr. Paul Mickle	Mississippi State University	1021
Keith Long	Mississippi Enterprise for Technology	1103
Steve Dienes/Patricia Gordon	NASA Concessionaires	1100, 3225, 3226, 2124, 2411, 3219, 9101
Kristi Gwinn	Aerojet Rocketdyne	4120, 4220, 4995,4122, 4301, 9101
Peter Sciarabba	S3/SACOM	2109, 8100
John Boffenmyer	S3/SACOM	1100, 1200, 2105, 2204, 2205, 8000, 9114, 9155
Susan Fendley	S3/SACOM	8201, 8301, 4010, 3305, 3407, 4400,4120, 3226
Andy Elkins Aaron Lunt	SAITECH	1100 (1st & 2nd floor), 9114, 9158
Jeanette Delcambre	A2R	8100, 8110, 9801
Dr. Crowder	S3 SACOM	8000
Johnny Finch	SBT-22	2601, 2602, 2603, 2604, 2605
David Everett Eric Van Norman	USSOCOM	2108, 2109,2110, 2119, 9501-9506, 9511-9519, 9600
John Cogley	NSSC	1111

Lisa Noble	NSW	2607, 2608
Terry Shelby	CNMOC	1100, 9134, 9322, 9605, 9607, 9609, 9611, 9613, 9615, 9617, 9619
Dylan Urban Tyson Bankston	NAVSCIATTS	2606, 2104, 9312
Dona Stewart	Navy/Child Care	2120
James Jenkins/Maggie Tabor	Rolls Royce	5001, 5003, 5005, 5008
Richard Hammers	Lockheed Martin	5100
David Spiers Jody Dixon	GPO	9101
Valorie Wheat	Navy HR	9110
Quinn Kelly	COE	9119, 9801
Rick Hydorn	NCCIPS	9300, 9302,9306, 9308-9311, 9315-9321, 9323-9333, 9348, 9353, 9354
James Brown Spencer Colwell	DOE	9355
Andy Guymon	Relativity Space	4080
Steven Dienes	NEX	2124
Ben Dolan	RiverTech	3101, 7001

Attachment A

CCR/Certification Page

Attachment B

E-Mail to the Environmental Working Group, Resident Agencies, Academia and Other Contact Listings

2020 Consumer Confidence Report

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the U.S. Environmental Protection Agency's (EPA) Safe Drinking Water Act (SDWA). The John C. Stennis Space Center (SSC) continues to report that the drinking water met requirements of the SDWA. This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

There are several aquifers that can be traced through Hancock County where SSC is located. The area is underlain by freshwater bearing, southward-tipping sands of Miocene and Pliocene ages. The sequence of alternating and discontinuous clay layers, creating the confining nature of the deeper aquifers, are part of the Coastal Lowlands, Catahoula, and/or the Southeastern Coastal Plain Aquifer Systems. SSC's drinking water well depths range from 600 to 700 feet in the Northern Fee Area to 1,434 to 1,530 feet in the Southern Fee Area. They have a natural flow ranging between 1,100 to 1,500 gallons per minute.

Source water assessment and its availability

The Mississippi State Health Department (MSDH) conducts an annual compliance site review/inspection for the SSC Water System and we continue to maintain an excellent rating.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

How can I get involved?

See the Conservation Tips for how you can get involved at work as well as at home.

Description of Water Treatment Process

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

Water Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference - try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.

- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

Cross Connection Control Survey

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system that may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations and insuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below please contact us so that we can discuss the issue, and if needed, survey your connection and assist you in isolating it if that is necessary.

- Boiler/ Radiant heater (water heaters not included)
- Underground lawn sprinkler system
- Pool or hot tub (whirlpool tubs not included)
- Additional source(s) of water on the property
- Decorative pond
- Watering trough

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides - they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.

- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. John C. Stennis Space Center/MS0230015 is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Additional Information for Arsenic

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the

State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl2) (ppm)	4	4	1.9	0	2.3	2020	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	.0122	.0118	.0122	2020	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	3.5	3	3.5	2020	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	.253	.223	.253	2020	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Additional Contaminants

In an effort to insure the safest water possible the State has required us to monitor some contaminants not required by Federal regulations. Of those contaminants only the ones listed below were found in your water.

Contaminants	State MCL	Your Water	Violation	Explanation and Comment
GROSS ALPHA, INCL. RADON & U	15 PCI/L	1.4 PCI/L	No	

Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Violation	Typical Source
Antimony (ppb)	6	6	ND	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	ND	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Beryllium (ppb)	4	4	ND	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	ND	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Cyanide (ppb)	200	200	ND	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Mercury [Inorganic] (ppb)	2	2	ND	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Nitrate [measured as Nitrogen] (ppm)	10	10	ND	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	ND	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Radium (combined 226/228) (pCi/L)	0	5	ND	No	Erosion of natural deposits
Selenium (ppb)	50	50	ND	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	.5	2	ND	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories

Unit Descriptions	
Term	**Definition**
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	**Definition**
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Important Drinking Water Definitions	
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: Adam W. Murrah
Address: B1100 Room 3021D
SSC, MS 39529
Phone: 228-688-1619

Cockrell, Joan

From: Lorance, David K. (SSC-RA02) <david.k.lorance@nasa.gov>
Sent: Thursday, July 15, 2021 11:41 AM
To: Cockrell, Joan; Murrah, Adam W. (SSC-RA02); Moody, Bridget D. (SSC-RA02)
Subject: RE: [EXTERNAL] Consumer Confidence Report for Stennis-0230015

Joan, I'll resend the CCR ASAP. Original was sent 6/10 to you, Shultis and Ferrill.

The report was placed onto the SSC portal, behind a firewall, for NASA and NASA contractors, which cannot be accessed outside the portal. However, we also posted it on a Community page for the tenants and outside contractors that are on site. I hoped it was totally public, but frankly IT is not what I'm best at, by a long shot. I verified both locations, and internally they are accessible. I'm at home right now, and when I turn off my VPN, the Community page does not work for public access in general. However, the actual report is on a sub-page and does pull up without VPN. I pasted the link below. Again, on-site tenants, etc, have access to the Community portal site.

https://ssccommunity.ssc.nasa.gov/documents/SSC_WaterQualityReport.pdf

Thanks,
Dave

David Lorance, **P.E.**
Chief, Environmental and Health Services Office
NASA/Stennis Space Center
228-688-1516 (O)
228-342-7754 (C)

From: Cockrell, Joan <Joan.Cockrell@msdh.ms.gov>
Sent: Thursday, July 15, 2021 8:53 AM
To: Lorance, David K. (SSC-RA02) <david.k.lorance@nasa.gov>
Subject: [EXTERNAL] Consumer Confidence Report for Stennis-0230015

I have tried several times to get on the url listed on the certification page for the Consumer Confidence Report. That url does not work for me. Please send me a copy of the Consumer Confidence Report and make sure the url is working. I have all of the other backup pages but NOT the CCR. I need this asap as the deadline was July 1, 2021.

Let me know if you have questions.

Thanks,
Joan Cockrell
MSDH-Bureau of Public Water Supply
601-576-8258

From: Murrah, Adam W. (SSC-RA02)

To: "alex.hollis@navy.mil"; "Andy Guymon"; ARCANA, ALBERT KIRT. (NSSC-NCCIPS)[SAIC]; Atchison, James (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Boffenmyer, John C. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; BOONE, Chelsea D. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Burroughs, Forrest S. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Calehuff, Lou (SSC-NRL)[Naval Research Laboratory (NRL)]; Carr, Hugh V. (SSC-RA02); "dajones@usgs.gov"; Delcambre, Jeanette M (SSC-A2R)[AAR, JV - Contract]; Dixon, Jody (SSC-GPO)[U.S. Government Publishing Office - GPO]; "dspiers@gpo.gov"; "dsykes@relativityspace.com"; "dylan.urban@socom.mil"; Elkins, Andrew M. (SSC-SAITECH)[SAITECH, INC. - IT Services Contract]; "eric.lamky@noaa.gov"; "eric.vannorman@socom.mil"; "etillman@usgs.gov"; Everett, David L. (SSC-SBT22)[Naval Special Warfare Command - SBT-22]; Gargiulo, Robert F. (SSC-RA02); Hammers, Richard M. (SSC-LMSSC)[Lockheed Martin Corporation/LM Space Systems Co.]; Hancock, James R. (SSC-NDBC)[NOAA/National Data Buoy Center (NDBC)]; Hydorn, Rickey R. (NSSC-NCCIPS)[SAIC]; "Ivanvisky, Stephen"; "Jamal.Dejli@nrlssc.navy.mil"; "james.brown@spr.doe.gov"; "James.Jenkins@rolls-royce.com"; "james.w.lopez@navy.mil"; "Johnny.Finch@socom.mil"; "kristi.gwinn@rocket.com"; Labatut, Michael M. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Lee, Angela M. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Lorance, David K. (SSC-RA02); LUNT, AARON P. (SSC-SAITECH)[SAITECH, INC. - IT Services Contract]; "maggie.tabor@rolls-royce.com"; "marion.fannaly@navy.mil"; Michel, Rachel (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Mojzis, Allison K. (SSC-USM-DMS)[Mississippi Institutions of Higher Learning USM DMS]; Moody, Bridget D. (SSC-RA02); "patricia.gordon@nexweb.org"; "Richard.Bartula@SPR.DOE.GOV"; Schultz, Tina G. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; "spencer.colwell@spr.doe.gov"; "Stephen.Reese@SPR.DOE.GOV"; "Steven.Dienes@nexweb.org"; "terry.baxter@spr.doe.gov"; "tyson.bankston@socom.mil"; Whalen, Chandler (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Wheat, Valorie D. (SSC-NAVY)[Navy Department - OCHR]; Wheeler, Casey S. (SSC-RA31); Williams, James E. (SSC-GPO)[U.S. Government Publishing Office - GPO]; "yevgeniy.nikolayev@socom.mil"; Sciarabba, Peter J. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Brunson, Stacy E. (SSC-SAITECH)[SAITECH, INC. - IT Services Contract]; Cogley, Jc (NSSC-XF000); "SHELBY, TERRY D (SSC-CNMOC)[Naval Meteorology and Oceanography Command - CNMOC"; Kelly, Quinn T. (SSC-NASA)[United States Coprs of Engineers, Mobile District]; DOLAN, LESLIE B. (SSC-RIVERTECH)[RIVERTECH, LLC - Contract]; Crowder, Rowe S III (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; Fendley, Susan E. (SSC-SACOM)[SYNCOM SPACE SERVICES LLC - Contract]; "sashby@gri.msstate.edu"; Long, Keith (SSC-CHL)[MISSISSIPPI INSTITUTIONS OF HIGHER LEARNING - CHL]; "dona.scdc@yahoo.com"; Elkins, Andrew M. (SSC-SAITECH)[SAITECH, INC. - IT Services Contract]; LUNT, AARON P. (SSC-SAITECH)[SAITECH, INC. - IT Services Contract]

Subject: 2020 Consumer Confidence Report

Date: Thursday, June 10, 2021 4:27:00 PM

Attachments: 2020 Consumer Confidence Report.pdf

All,

The attached Consumer Confidence Report (CCR) for Stennis Space Center drinking water is being sent to each of you to post in your respective areas of responsibility in accordance with Subpart O of 40 CFR 141.155/National Primary Drinking Water regulations. The ID for the system is #MS0230015. The water system did not violate any water quality standards, which means SSC continues to provide good quality water to the Base Side and Area 9 personnel. This information shall also be placed on the SSC Intranet Portal and published in the Orbiter.

A copy of this report is being sent to the Mississippi Department of Health per regulatory requirements.

If you have any questions, please give me a call as listed below or David Lorance @ 228-688-1516.

Thanks,

--

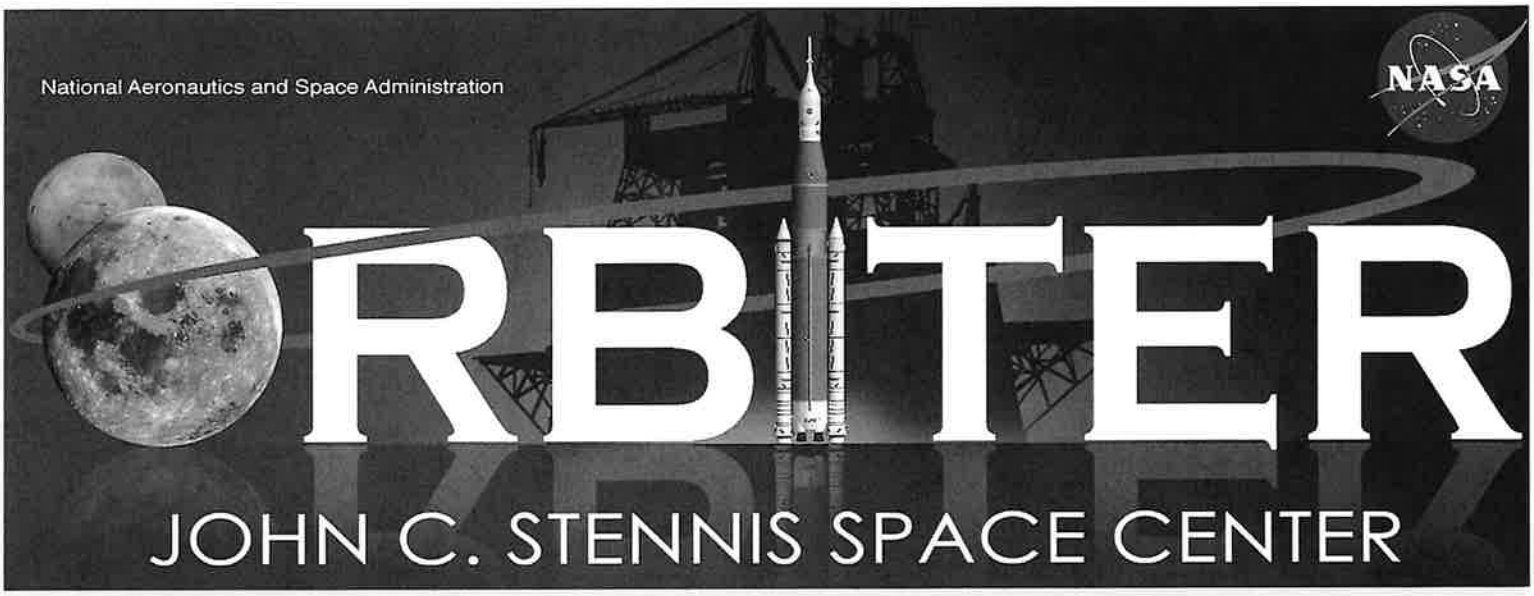
Adam Murrah

Environmental Management Staff

ECR/NEPA/Cultural Resources Manager

Attachment C

SSC Newspaper/Orbiter Notice



Features in the June 16, 2021, issue:

- *The Moon to Mars Report*
- *SSC's 60th Anniversary – Fired Up!*
- *Coronavirus Information*
- *Pride Month Activities, Tomorrow, June 17*
- *Juneteenth Program, June 18*
- *Washington History Seminar Panel, June 21*
- *NASA IT Security Webinar, June 24*
- *NASA@WORK*
- *Annual Drinking Water Report*
- *SSC and NSSC Partner on Paper*
- *Training*
- *Special NASA in the News*
- *Safety Message*
- *SSC History*
- *Photo of the Week*

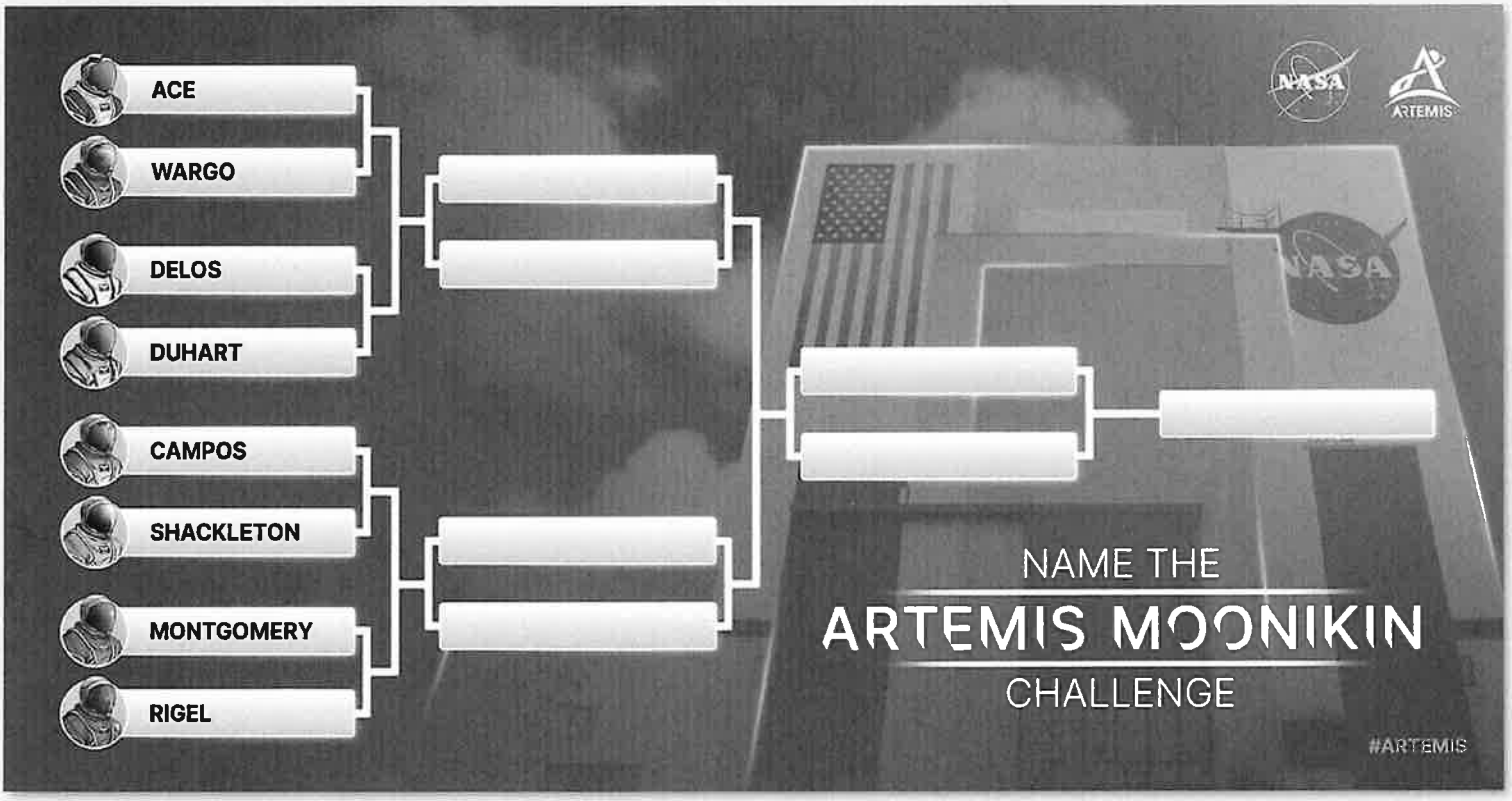
National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

The Moon to Mars Report:

Bracket Contest to Help NASA Name 'Moonikin' Flying on Artemis I Mission Around Moon



The moonikin will occupy the commander's seat inside the Orion spacecraft to record acceleration and vibration throughout the mission. (Image credit: NASA)

Choose your player! NASA is holding a naming contest beginning Wednesday, June 16, for the manikin that will fly on an upcoming mission around the Moon.

As NASA gears up for the Artemis I mission around the Moon that will pave the way to send the first woman and the first person of color to the lunar surface, we have an important task for you (yes, you!). Artemis I will be an uncrewed flight test of the Space Launch System (SLS) rocket and the Orion spacecraft ahead of the first flight with crew on Artemis II. We want your help to select a name for the suited manikin, or Moonikin in this case, that will fly aboard Orion to help gather data before missions with astronauts!

A manikin is an anatomical model that simulates the human body and is commonly used in training for emergency rescues, medical education, and research. The manikin on Artemis I will be equipped with two radiation sensors, and sensors in the seat – one under the headrest and another behind the seat – to record acceleration and vibration throughout the mission as Orion travels around the Moon and back to Earth. Data from these and other sensors inside the spacecraft will help NASA understand how to best protect crew members for Artemis II and beyond. Read more here.

National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

SSC's 60th Anniversary – Fired Up!

Legends Lecture Series 4 Replay

As we near the 60th Anniversary of Stennis Space Center, we will be streaming the Legends Lecture Series from our 50th Anniversary Celebration. Join us as we celebrate the center's rich heritage and embrace our exciting future in the replay of the fourth round of the Legends Series tomorrow, June 17, at 12:00 p.m. and 3:00 p.m. The stream may be viewed here.

Our featured legends for the fourth round of the Legends Series, "Life As an Original SSC Shake, Rattle and Roller!" (recorded on October, 2011), are: Marv Carpenter, former Deputy Director, Test & Engineering Directorate; Jim Taylor, former Deputy Director, Operations, Propulsion Test Directorate; Steve Dick, former Chief, Systems Engineering Division; Boyce Mix, former Director, Test & Engineering, Pat Mooney, former Project Manager, Space Shuttle Main Engine; Dave Geiger, former Site Director, Pratt & Whitney Rocketdyne; and Doug McLaughlin, former Assistant to the Director.

You do not want to miss this amazing opportunity to hear from some of the pioneers that influenced the great strides in NASA and Stennis Space Center history. Tune in as your schedule permits!

SSC's 60th Anniversary Virtual Hub

Be sure to visit the virtual hub for Stennis' upcoming 60th Anniversary on Oct. 25.

You can download the official 60th anniversary logo, obtain anniversary-themed virtual meeting backgrounds, view fact sheets, watch a countdown clock, read a chronology of major events and milestones, access a documentary on the center's history, and much more!

Social Media Photo Campaign – Through the Decades

Follow Stennis' social media accounts for a photo journey through the decades. The photo campaign will highlight key events, iconic images and critical milestones in Stennis' history, starting with the 1960's and ending with present-day achievements. Images will be posted each week leading up the 60th Anniversary.

The images will be posted on Stennis' official accounts on Facebook, Instagram and Twitter.

National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

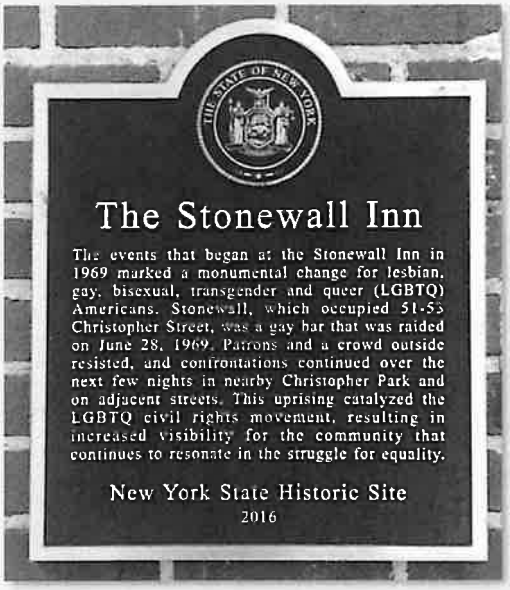
Coronavirus Information

Stay tuned to the SSC Intranet, NASA People and SSC Emergency Management for site status and updates. Other helpful links include Centers for Disease Control, Louisiana Department of Health, Mississippi State Department of Health and Employee Assistance Program.

For information on the Medical Clinic's COVID-19 Return to Work process, please call the information line at 228-688-7443.

Pride Month Activities, Tomorrow, June 17

LGBTQ+ Pride Month is celebrated each year in the month of June to honor the 1969 Stonewall Uprising which sparked a liberation movement. During Pride Month, we recognize the valuable contributions of LGBTQ+ individuals across America and rejoice in the triumphs of trailblazing individuals who have paved the way for full equality.



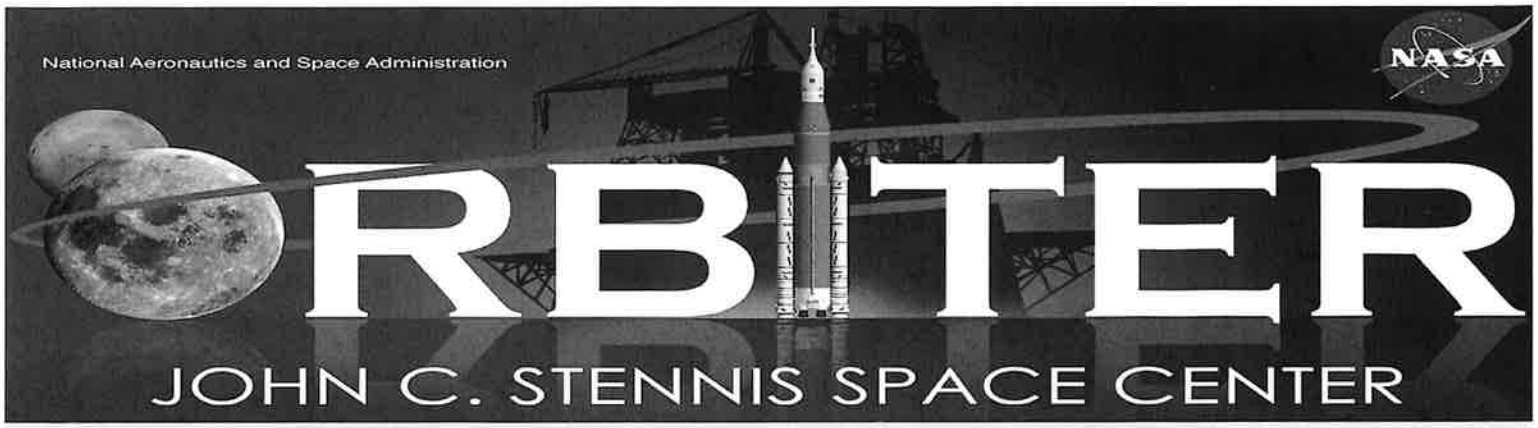
Two events are scheduled to celebrate Pride Month as follows:

- "The Power of Active Allyship at NASA" is a cross-agency event featuring a panel of LGBTQ+ community members and allies. It will air on NASA TV **tomorrow** at 1:00 p.m. CDT.
- The "Virtual Pride Month Social," hosted by SSC/NSSC, is a sitewide Pride Month Social for LGBTQ+ community members and allies. It will run **tomorrow** from 5:00 – 6:00 p.m. CDT. Participants may join at this Teams link.

Juneteenth Program, June 18

You are invited to join the Goddard Space Flight Center employee resource groups in a virtual program to commemorate Juneteenth on Friday, June 18. Juneteenth marks the end of slavery in the United States and commemorates African-American freedom. This educational program will consist of spoken word, songs, soul food demonstrations, trivia and reflections from seniors in the NASA family to celebrate this pivotal time in history.

The program is from 11:00 a.m. – 12:00 p.m. CDT. You may join by clicking this meeting link or using the meeting number (access code): 199 135 9801 and password JuneTeenth21! or by phone at +1-929-251-9612 (USA Toll 2) or +1-415-527-5035 (US Toll).



Washington History Seminar Panel, June 21

On Monday, June 21, at 3:00 p.m. CDT, join the National History Center of the American Historical Association for a Washington History Seminar roundtable on "Operation Moonglow: A Political History of Project Apollo" with author Teasel Muir-Harmony, PhD, and Professor Asif Siddiqi. Muir-Harmony is the curator of the Apollo Collection at the Smithsonian National Air and Space Museum, and Siddiqi is a professor of history at Fordham University in New York and has written numerous books and articles on the history of spaceflight. Click here to register for the webinar. Space in the Zoom webinar is limited. If you are unable to join the session or receive an error message you can still watch on the NHC's Facebook page or the Wilson Center website.

NASA IT Security Webinar, June 24

The IT Security Awareness and Training Center (ITSATC) will be hosting an Agency webinar, "Staying Safe in Our Virtual World," on Thursday, June 24, from 1:00 – 2:30 p.m. CDT. The guest speaker will be Michael Bailey, Senior Product Marketing Manager with Proofpoint. Bailey will discuss strategies and tips to protect your work and home assets from today's sophisticated phishing attacks.

To register, log in to SATERN and search for ITS-NASA in the catalog. Select the NASA Cyber Security Webinar entry. Select the register tab. Make sure to confirm registration. For questions regarding this webinar, please contact the team at: agency-dl-itsatc@mail.nasa.gov.

NASA@WORK

Launch Waste in Space!

This challenge seeks creative ideas for a new launcher that can jettison waste products (dry solid waste trash or wet trash) from the spacecraft. We are looking for new and creative ways of doing this. Things to consider are the characteristics of the waste products, how they exit the spacecraft, frequency and velocity of the jettisoned materials, and minimization of risk to the ship and crew.

Click here to contribute to this campaign! The deadline is **July 30, 2021**.

Annual Drinking Water Report

The Consumer Confidence Report for Stennis Space Center drinking water is available in accordance with Subpart O of 40 CFR 141.155/National Primary Drinking Water regulations. This report shows that the water system did not violate any water quality standards, which means that good quality water is being provided to all personnel.

To read the full report, visit the SSC Intranet Portal & the Community portal at: https://ssccommunity.ssc.nasa.gov/documents/SSC_WaterQualityReport.pdf.

National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

SSC and NSSC Partner on Paper

Onsite Jump Start I: 266 Boxes of Records Destroyed

On May 13, 2021, employees from three companies were back onsite at SSC participating in yet more of NSSC's paper files destruction after more than one year of a pandemic shutdown. Participating were NSSC's information management team (Doug LeMere and Tammy Bridenbeck), SSC's Records Retention Center's team (Liz Howard, Harvey Frazier, and Dee Dartez) and destruction professionals from Ace Data Storage.

NSSC Information Management Program Manager, Doug LeMere said that this destruction was the first destruction of paper files to occur since January 2020. Destruction of records is mandatory once the information has reached its regulatory requirement. "NASA takes information destruction seriously because of litigation liability and because of a 2022 mandate that all eligible paper files must be destroyed. This reduces NASA's information footprint physically," LeMere said. "This batch of files that were destroyed makes space for future incoming boxes of files from three different locations that must be stored until they are eligible for destruction."

Information Management Program Officers (IMPOs) from each NSSC functional area are currently working with the information management team to verify their boxed records can legally be destroyed according to NASA's Records Retention Policy.

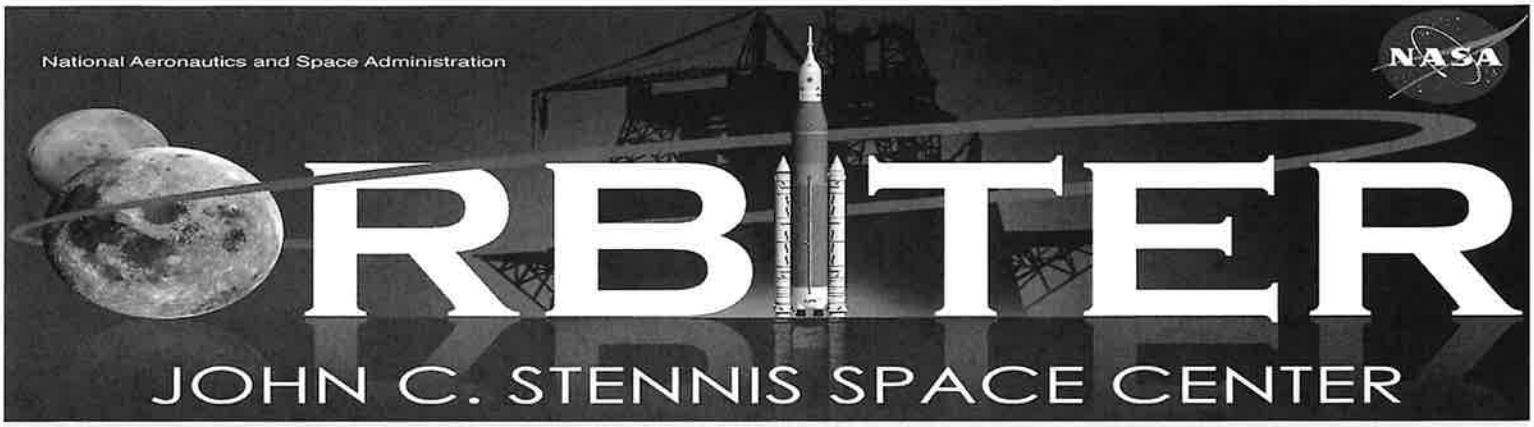
The destruction project gave way to some pre-pandemic normalcy with everyone working together.

Onsite Jump Start II: 850 Boxes of Records Received at Bldg. 1111

On May 13, 2021, NSSC received 850 boxes (22 pallets) of records from Johnson Space Center (JSC). This project was coordinated between Headquarters Office of Procurement, NSSC Closeout Contractor, Seventh Sense and NSSC Information Management. Once these contracts are closed out and the closeout cycle has been completed, these records will be shipped to SSC Records Retention Center.

NSSC's facilities management office, supported and coordinated by Robert Murray, received the pallets in a local warehouse and then S3 movers (Allen Ladner, Kenta Janet, and Thomas Populus) transported the 850 boxes into Building 1111 to be stored in the procurement spaces. NSSC has the potential to receive up to 3,000 boxes total from 3 different Centers to maintain the closeout contract files.

These centralization efforts were escalated by JSC which needed the facility to support the 2022 Astronaut Selection Board.



Training

Required Training for all NASA Civil Servants:

- The June Monthly Safety and Health Topic, Heat Stress, must be completed no later than **June 30, 2021**.

Required Training for All NASA Civil Servants and Contractors:

- The Controlled Unclassified Information (CUI) training course was added to all employees' learning plans on **June 7, 2021**. The training is mandatory per Executive Order 13556, Controlled Unclassified Information, for NASA civil servants and contractors. All users who do not complete the training risk losing access to NASA IT systems. The course must be completed on SATERN (https://satern.nasa.gov) by **September 30, 2021**.

Center of Higher Learning (CHL) Training Opportunities:

- The Summer 2021 schedule of academic classes is now available. Participating universities and schools are offering classes in marine science, oceanography, engineering, applied physics and other subjects to Stennis employees. Contact Keith Long at 228-688-7662 or at Keith.Long@usm.edu with any questions about these classes or for help with admissions, registration or any other aspect of your academic career. Click here to see a list of courses offered.

CENTER OF HIGHER LEARNING
JOHN C. STENNIS SPACE CENTER
RESEARCH | ACADEMICS | TRAINING | OUTREACH

Special NASA in the News

NASA is continuously doing amazing things! Check out these articles to see what NASA is doing this week!

- Brazil Signs Artemis Accords (click here)
- Purposeful Passenger: Artemis I Manikin Helps Prepare for Moon Missions With Crew (click here)
- Minotaur I Launches from Wallops (click here)
- NASA Snow Campaign Wraps for 2021 (click here)
- NASA Seeks Proposals for Next 2 Private Astronaut Missions to Space Station (click here)
- Keeping Racers Cool: From NASA Spacesuit Research to Racing Suit Underwear (click here)
- Citizen Scientists Discover Two Gaseous Planets around a Bright Sun-like Star (click here)

National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

Safety Message

Insect Safety Tips

Most insect bites and stings are not serious, but some people may have an allergic reaction and diseases can spread by insect bites.

The best protection is to avoid being bitten or stung.

Safety Tips

- Wear insect repellent containing diethyltoluamide (DEET) when you go outside. For children, only use products that contain less than 10 percent DEET. Consult your pediatrician before using these products on a small child.
- Wearing long pants tucked into socks and a long-sleeved shirt help protect you against mosquitoes and ticks.
- Light colored clothing makes ticks easier to spot and makes you less attractive to bees.
- Make sure there is no standing water in your yard, such as water in buckets and stagnant ponds or birdbaths. Mosquitoes like to lay their eggs in standing water.
- Be careful at picnics. Sweet foods and drinks attract bees and wasps. Keep food covered.
- Stay away from beehives and wasp nests. Don't try to swat bees or wasps with your hands. It makes them angry. Stand still and they should just go away.
- Be careful near woodpiles, sheds, dark corners of the garage and other places spiders may call home.

If bitten or stung:

- If bitten by a mosquito, try not to scratch. Scratching irritates the bite and may cause infection.
- Remove ticks with tweezers as soon as they are found. Grab them as close to the skin as possible and pull the tick up and out.
- If stung by a wasp or hornet, leave the area immediately. These insects can sting repeatedly. Gently scrape the stinger off using the edge of a credit card or your fingernail. You might squeeze more venom into the skin if you use tweezers.
- Bee, wasp and hornet stings may feel hot and itch. A red bump or swelling may appear where the sting was. Treat bee and wasp stings by washing the area with soap and water, then applying cold water or ice.
- If bitten by a black widow or brown recluse spider, go to the emergency room.
- If you are having an allergic reaction such as hives, nausea, fever or trouble breathing, go to the emergency room.

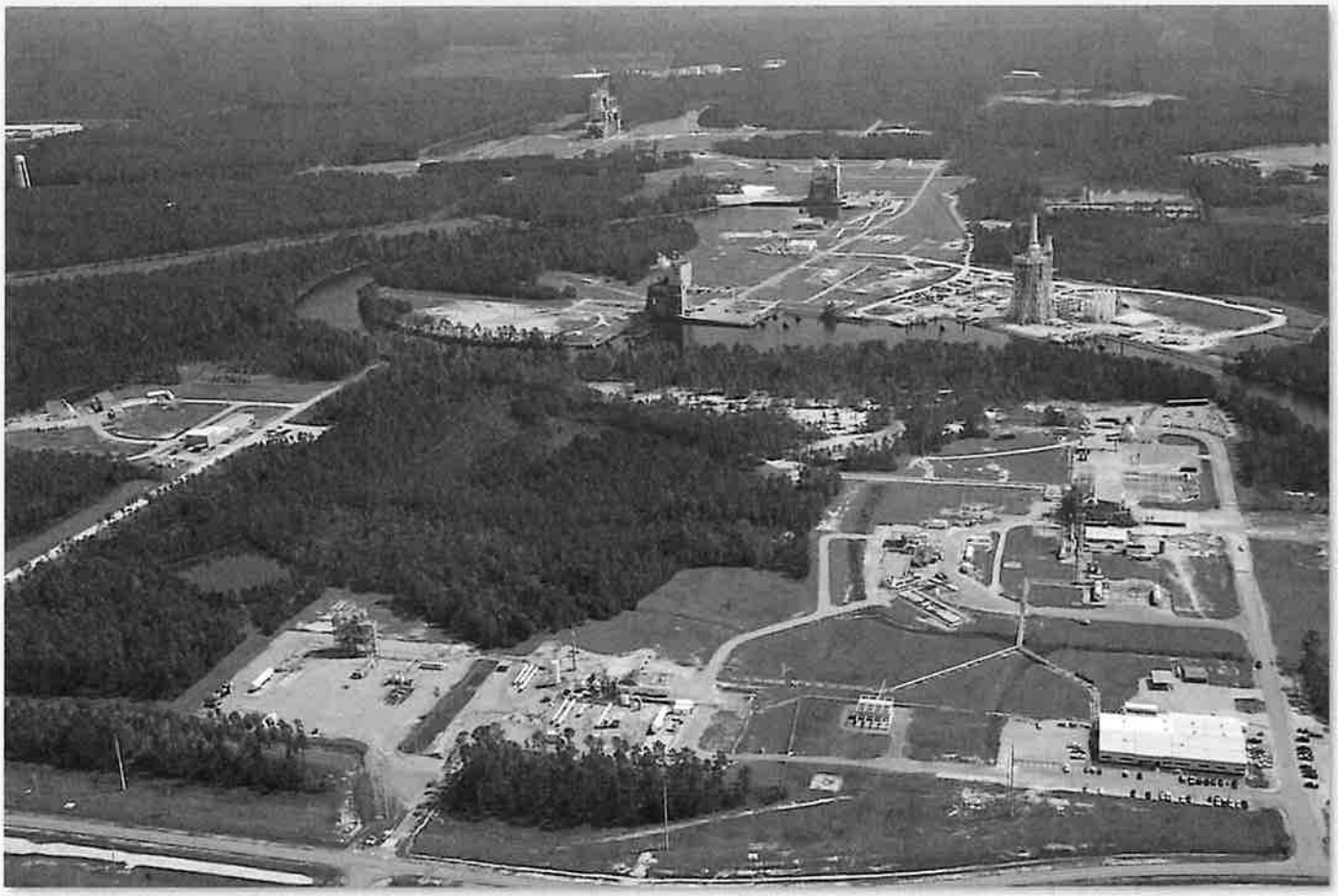
National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

SSC History

Project Morpheus and the E Test Complex



This aerial photo captures the E-Test Complex in the foreground. (Image credit: NASA)

In 2001 and 2002, Stennis SSC was exceeding in facility improvements and testing milestones at the E Test Complex. The facility was being improved to help Stennis meet the growing needs of its customer base. These improvements were needed for programs and projects using liquid hydrogen and liquid oxygen as well as other propellant systems. One of the projects that used a liquid methane and liquid oxygen system was Project Morpheus, which aimed to develop an engine for a vertical takeoff and landing (VTOL) test vehicle. The goal of the project was to build an engine that runs reliably on propellants that are cheaper and safer on Earth, but that also could potentially be manufactured on the Moon and on Mars.

In 2012, the E Test complex was bustling with activity, with Project Morpheus being one of the tests that was conducted. On June 25, 2012, a series of tests was done on the Morpheus engine proving the flexibility of the E Test Complex. Stennis showed it had the capability to coordinate logistics, propellant availability, and personnel not only for the tests on Project Morpheus, but the other tests occurring at the complex.

National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

Photo of the Week

Flag Day 2021: Saluting the U.S. Flag

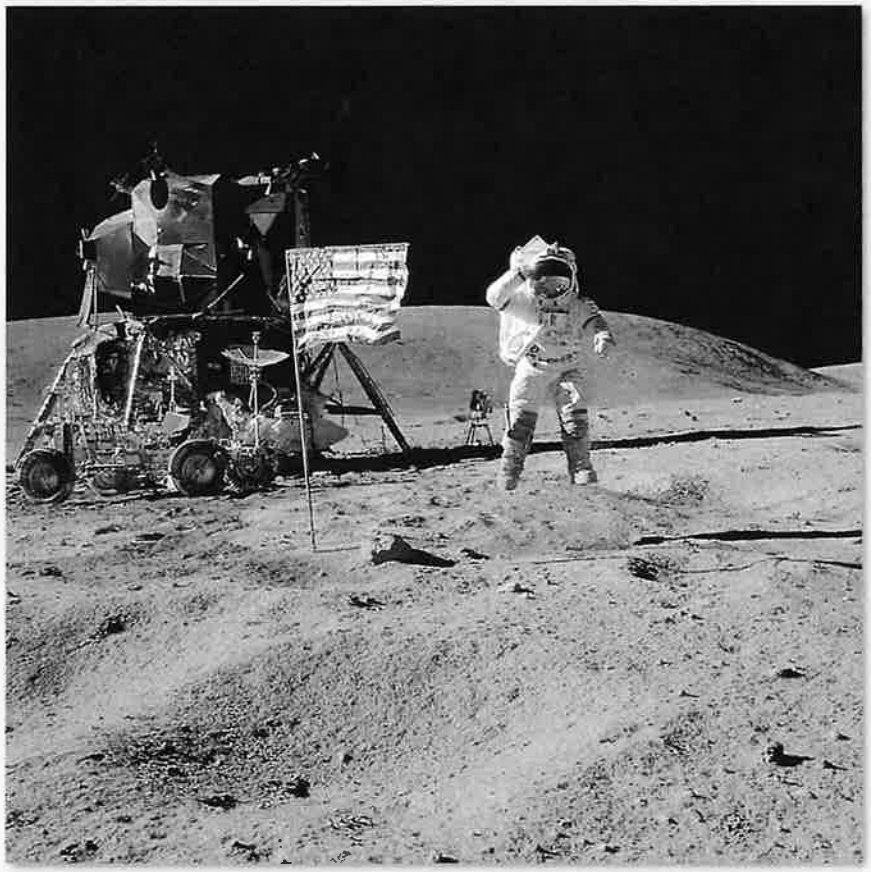


Image Credit: NASA/Charlie Duke

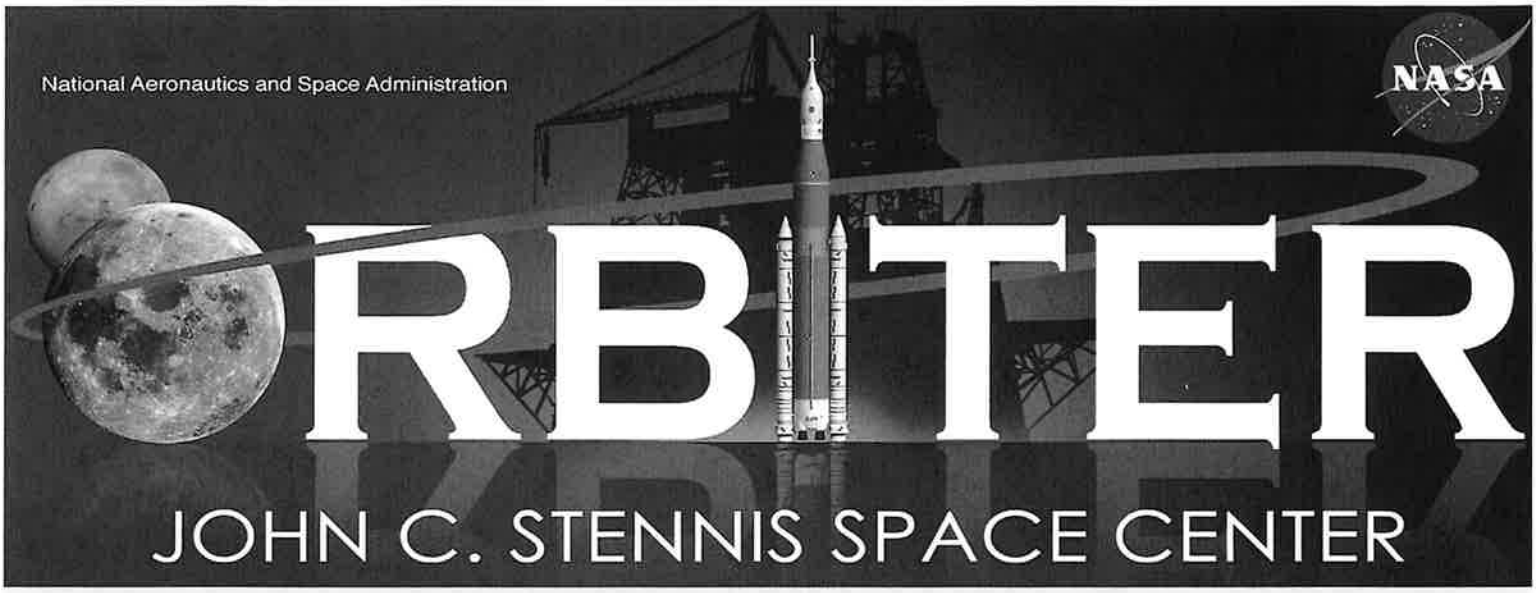
June 14 of each year is celebrated as Flag Day in the U.S. According to the Library of Congress's online site, "on May 30, 1916, President Woodrow Wilson issued a presidential proclamation establishing a national Flag Day on June 14. The day commemorates the adoption of the Stars and Stripes as the official flag of the United States."

All NASA spacecraft include a United States flag. Through the decades, our nation's flag has been placed on the Moon, headed into interstellar space, accompanied rovers on Mars and been featured on spacesuits.

In this iconic image, Mission Commander John Young salutes the flag while jumping! The Apollo 16 Lunar Module Orion and the Lunar Roving Vehicle are in the background.

Feature: Flag Day – Flying High: The Stars and Stripes in Space

View: Flags Aboard NASA Missions Gallery



Orbiter is produced for employees by the NASA Stennis Space Center Office of Communications. *Orbiter* is distributed every Wednesday. **The deadline for content submission is noon on Monday prior to the week's issue.** Current and previous editions of *Orbiter* may be downloaded from the Stennis Intranet. To submit a news brief to *Orbiter*, contact the Office of Communications at ext. 8-3333, or email ssc-pao@mail.nasa.gov.

Attachment D

Copy of SSC's Intranet Portal Page

John C. Stennis Space Center

SSC Intranet Portal

Director's Office | Organizations | Boards & Councils | Employee Resources | Information Resources | Programs & Initi

Access Request System (ARS)
Close Call Reporting System (CCRS)
ETD Safety Committee
Extreme Ideas ERG Website
EUSO Portal
Concur
Facility Utilization Request (Request/Return Space)
IT Security
ITSC Portal
Large File Transfer (LFT)
Lunch Menus
NASA Access Management System (NAMS)
NASA Enterprise Service Desk (ESD)
NASA Identity Management System (IdMAX)
NASA.gov
NASA Exchange
NASA OIG (Report Fraud, Waste or Abuse)
NASA Secure Remote Access
NASA Whistleblower Program

ety, Security, & Health

Safety & Mission Assurance Directorate (SMA)
Close Call Reporting System (CCRS)
Ergonomic Risk Assessment System (ERGO)
Ergonomic Risk Assessment, Tracking, and Evaluation System (ERATES)
"For Industrial Hygienist and Ergonomists Only"
NASA Safety Reporting System (NSRS)
Occupational Health Services (Medical Clinic, EAP, Wellness Center, & Industrial Hygiene)
Office of Protective Services
Permit Required Confined Space Database
Safety Advisories Administration
Safety Management Review
Safety Management Review Administration
Single Visitor Request
SSC Construction Safety
SSC Counterintelligence
SSC Incident Command Post
SSC Integrated Risk Management
SSC Safety Advisories
SSC Water Quality Consumer Confidence Report
Striving to Achieve Real Safety (STARS)