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: 6/19/2017

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._____

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

Email the CCR Manager to request a copy.

__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. http://sscintranet.ssc.nasa.gov/safety.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)

Attachment B

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

Murrah, Adam W. (SSC-RA02)

From: Murrah, Adam W. (SSC-RA02)
Sent: Friday, June 09, 2017 10:27 AM
To: Gordon, Jenette B. (SSC-RA02); SHELBY, TERRY D (SSC-CNMOC)[CNMOC (SSC)]; 'rclancy@gpo.gov'; 'Lisa A Garcia (lagarcia@usgs.gov)'; 'etillman@usgs.gov'; 'john.wasserman@noaa.gov'; 'john.young@noaa.gov'; 'Calehuff, Lou (Lou.Calehuff@nrlssc.navy.mil)'; 'sashby@gri.msstate.edu'; 'Keith.Long@usm.edu'; 'Nelson.May@noaa.gov'; Lorance, David K. (SSC-RA02); 'David.Lewis@nexweb.org'; 'kristi.hurt@rocket.com'; 'Pulliam, LaSonya D PWR (LaSonya.Pulliam@rocket.com)'; 'Canady, Cynthia P. (SSC-AA03)'; Sciarabba, Peter J. (SSC-SACOM)[Madison Services]; Sanders, Bonnie F. (MAF-SF01)[SYNCOM SPACE SERVICES]; Good, Ronald W. (SSC-SAITECH)[SAITECH]; Brunson, Stacy E. (SSC-SAITECH)[SAITECH]; Butler, Tabatha (SSC-A2R)[A2Research (SSC)]; 'Jenkins, James'; 'Smith, Sue L. (SSC-JACOBS) [COMPREHENSIVE OCCUPATIONAL RESOURCES]'; 'Johnny.Finch@navsoc.socom.mil'; 'david.everett@navsoc.socom.mil'; 'Gibson, Michael A LT USSOCOM NSWG4 (Michael.Gibson2@navsoc.socom.mil)'; 'Barnett, James C. (NSSC-XF030)'; 'william.samuels@navsoc.socom.mil'; 'dona.scdc@yahoo.com'; 'phuong.nguyen@navsoc.socom.mil'; 'Harriel, Glen A (glen.a.harriel@lmco.com)'; 'Jenkins, James (James.Jenkins@rolls-royce.com)'; 'jason.fleetwood@boetel.com'; 'sangelo@powerdynamicsllc.com'; 'mississippistormrider@yahoo.com'; 'valorie.wheat@navy.mil'; Hydorn, Rickey R. (SSC-NCCIPS)[SAIC - SSC]; 'brett.sturm@spr.doe.gov'; Gill, Belinda N. (SSC-MSET)[MSET (SSC)]; Mojzis, Allison K. (SSC-USM-DMS)[USM/DMS (SSC)]; 'Fannaly, Marion T. Civ NAVFAC SE, Stennis Western Maneuver Area (marion.fannaly@navy.mil)'; Carr, Hugh V. (SSC-RA02); Wright, Katrina L. (SSC-RA02); Ferguson, Missy (SSC-RA01); Cogley, Jc (NSSC-XF000); 'Donna.Turner@nasa.gov'; 'Jason.fleetwood@boetel.com'; 'Canady, Cynthia P. (SSC-AA03)'; 'Nelson.May@noaa.gov'; Gill, Belinda N. (SSC-MSET)[MSET (SSC)]; 'Fitzgerald, Steve NAVOCEANO, N1 (james.s.fitzgerald@navy.mil)'; 'alex.hollis@navy.mil'; 'LaFave, Joseph W'; Dixon, Jody (SSC-GPO)[GOVERNMENT PRINTING OFFICE (SSC)]; 'valorie.wheat@navy.mil'; 'dspiers@gpo.gov'; Moody, Bridget D. (SSC-RA02); 'Steven.Dienes@nexweb.org'; 'khesler@powerdynamicsllc.com'; Kelly, Quinn T. (SSC-NASA)[USACOE]; Cogley, Jc (NSSC-XF000); 'walter.anderson@socom.mil'; 'valorie.wheat@navy.mil'; 'Fannaly, Marion T. Civ NAVFAC SE, Stennis Western Maneuver Area'
Subject: 2016 Consumer Confidence Report
Attachments: 2016 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 hard copy of this report is being sent to the Mississippi Department of Health per regulatory requirements.

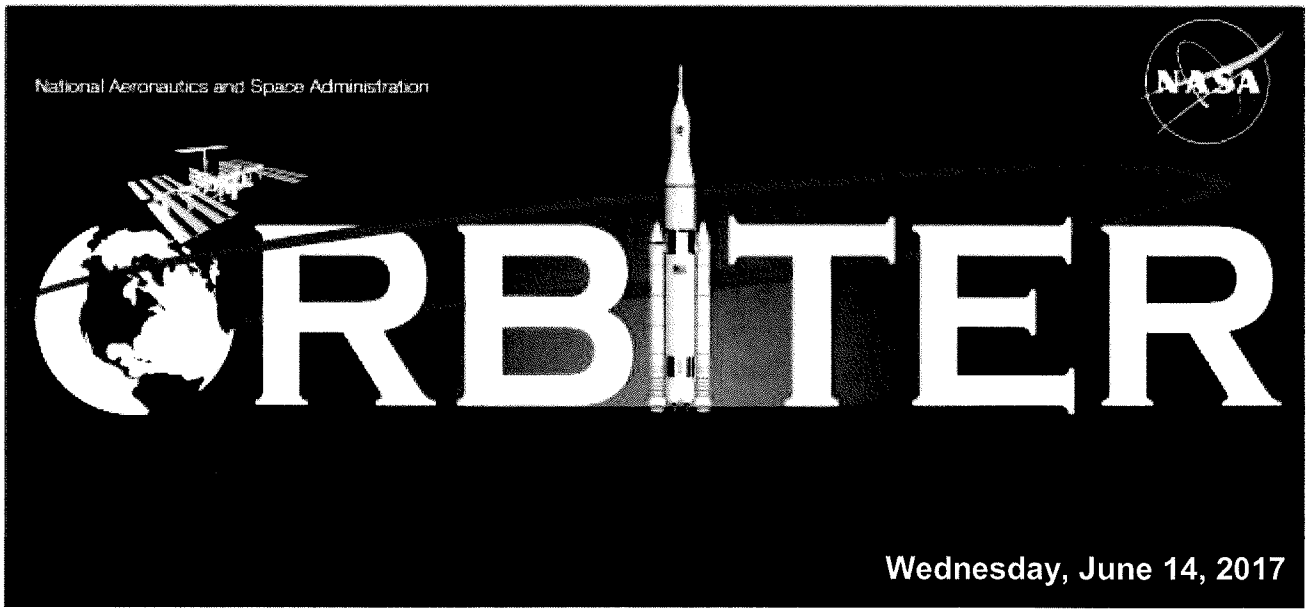
If you have any questions, please give me a call as listed below or Jenette Gordon @ 228-688-1416.

Thanks,

--

Adam Murrah
Environmental Management Staff
NEPA/Cultural Resources Manager
B1100 Room 3021D
SSC, MS 39529-6000
Phone: (228) 688-1619

Attachment C
SSC Newspaper/Orbiter Notice



Features in this issue:

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 Office of Communications at ext. 8-3333, or send submissions to ssc-pao@mail.nasa.gov.

Information Technology Expo, June 15

The 2017 Information Technology (IT) Expo, sponsored by the NASA SSC Office of the Chief Information Officer (OCIO), will be held on TOMORROW, June 15 from 10 a.m.-2 p.m. in the

Estess Building atrium (B-1100). The IT Expo will highlight services provided by the SSC OCIO. The event is open to all SSC personnel. For more information, call the OCIO at ext. 8-6246.

OCIO Capabilities

Applications/Web Support
- Site Status App & RESTID

Stennis Data Center (SDC)

Lightning Detection System (LDS)

IT Security
- BRING YOUR EXPIRED RSA TOKEN!

TechDoc

Audio Visual & Video Production
- Interactive 4K demonstrations

Video Teleconferencing Services (ViTS)in a Box
- Portable solution

ACES
- Various Tips & Tricks

Multi-Media Production

Enterprise Service Desk (ESD)

Future Technologies New!
- *Innovation & Efficiencies Program (IEP)*
  View potential new technologies with an interactive, hands on experience
- *Voice over Internet Protocol (VOIP)*
  View and experience VOIP telephones

Diversity Awareness Training: The Danger of Hiding Who You Are, June 15

Morgana Bailey had been hiding her true self for 16 years. In a brave TED Talk, she uttered four words that might not seem like a big deal to some, but to her had been paralyzing. Why speak up? Because she realized that her silence had personal, professional and societal consequences. In front of an audience of her co-workers, she reflected on what it means to fear the judgment of others, and how it makes us judge ourselves.

To celebrate Lesbian, Gay, Bisexual and Transgender Pride Month, the Stennis Diversity Council and the Women Inspiring Stennis Excellence (WISE) Employee Resource Group will co-host a TED Talk forum that explores how the pressure to hide and conform is a widespread phenomenon that negatively affects organizations as well as individuals, not just LGBT employees. The forum will take place on **Thursday, June 15 from 11 a.m. – 12 p.m. in the Estess Building, Santa Rosa Room**.

Morgana Bailey will join the participants live via video for a Q&A session after viewing her TED Talk. She will also participate in the follow-up group discussion on what it means to balance the need to be accepted with showing up authentically to realize true diversity and inclusion in the workplace and in life.

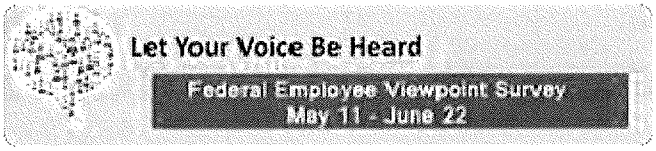
Morgana is based in Kansas City and is a Vice President with State Street's Global Human Resources project management team. In this position, Morgana guides HR teams through technology implementations and organizational improvement projects.

NASA Civil Servants will receive training credit for attending if registered in SATERN. https://satern.nasa.gov/learning/user/deeplink_redirect.jsp?linkId=SCHEDULED_OFFERING_DETAILS&scheduleID=88807

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.

2017 Employee Viewpoint Survey

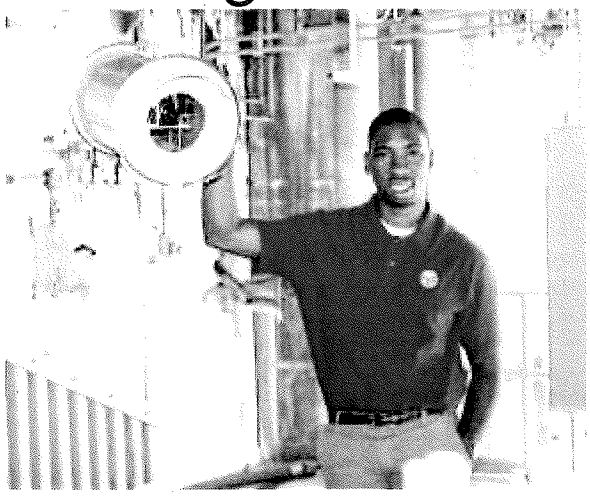


The Office of Personnel Management's 2017 Employee Viewpoint Survey (EVS) is open to all permanent civil service employees and will close Thursday, June 22. Your input is appreciated and vital to the implementation of improved processes and overall work environment at SSC. Past participation has strengthened our Stennis culture by improving Center events and amenities, knowledge sharing, telework and performance management. So what's working and what could be better now? You tell us!

2016 was a record participation year for Stennis, and other Centers are out to get us. Let's beat our 86.4% participation rate from last year and maintain our #1 ranking within NASA.

For more information, contact Cécile Saltzman in the Office of Human Capital at ext. 8-3945.

NASA Engineer Brings BBQ Skills to Cooking Channel Show



NASA Stennis Space Center employee Howard Conyers already carries a number of interesting titles – Ph.D. graduate, aerospace engineer, guest lecturer and historian, traditional whole hog BBQ pitmaster. On June 20, he will add another – television celebrity.

An episode of the Cooking Channel's *Man Fire Food* airing that day at 8 p.m. CDT will feature Conyers.

While the New Orleans resident could not reveal details about his appearance prior to its airing, it is a safe bet the show will involve sharing his passion for South Carolina whole hog BBQ tradition, as well as some history. It is the tradition he grew up with – and now seeks to maintain and share with others. "I've been involved with whole hog BBQing since I was 4 years old, watching my father," says Conyers, who was raised near Manning, South Carolina, a rural town of about 4,000.

Conyers cooked his first whole hog at age 11, continuing a practice passed down in his home community through generations for 200 years. He perfected his cooking skills until he headed to college, where he earned an undergraduate degree at North Carolina A&T State University and a doctorate in mechanical engineering and materials science from Duke University.

Just days before the show airs, Conyers reflected on the journey and how his engineering and BBQ pursuits have dovetailed. Both are built on the experiences of those who came before: Stennis has tested rocket engines for 50 years and counting, and Conyers is continuing a generations-old cooking tradition.

Conyers saw this clearly last year when he traveled to Utah to test a new High Dynamic Range Stereo X (HiDyRS-X) camera he developed as part of a NASA Early Career Initiative Program. The revolutionary new camera allows engineers to record and view propulsion test plumes in never-before-seen detail.

To read for the full story, visit: https://www.nasa.gov/centers/stennis/news/2017/NASA_Engineer_Brings_BBQ_Skills_to_Cooking_Channel_Show.

NASA's Solar Eclipse Kick-off, June 21

Join NASA, other federal agencies, and science organizations for a two-hour nationally televised kick-off event on Wednesday, June 21 from 12-2:30 p.m. CT live from the Newseum in Washington, DC. See it on NASA TV and www.nasa.gov.

Learn about:

- How to experience the August 2017 eclipse through the eyes of NASA
- Views from different areas of the country and how to prepare
- Safe eclipse viewing practices
- What causes an eclipse and why you should care
- How to participate in events around the country
- The unique research opportunities to study our Earth, moon and sun

For the first time in 99 years, a total solar eclipse will cross the entire nation on Monday, August 21, 2017. Over the course of 100 minutes, 14 states across the United States will experience over two minutes of darkness in the middle of the day. Additionally, a partial eclipse will be viewable across the continent.

For more information, visit: http://eclipse2017.nasa.gov or http://www.nasa.gov/eclipse.

Pre-order special commemorative Total Eclipse stamps via the following link: https://store.usps.com/store/browse/productDetailSingleSku.jsp?categoryNav=false&navAction=jump&navCount=0&atg.multisite.remap=false&categoryId=buy-stamps&productId=S_475304

SSC Blood Drive, June 21

The SSC Blood Drive is scheduled for Wednesday, June 21 from 9:30 a.m. to 2:30 p.m. in the Estess Building Conference Center.

The American Red Cross will have a sign-up table for the upcoming blood drive in front of the Estess Building cafeteria from 11 a.m. – 1 p.m. on Thursday, June 15.

Employees may also reserve a donation time via the following link: www.redcrossblood.org and enter: STENNIS.

2017 NASA Industry Day

Several NASA Small Business Representatives joined forces for NASA Industry Day on June 6 at the Lyman Community Center in Gulfport, MS. The event hosted more than 200 local and non-local businesses. Those in attendance learned about Small Business Innovative Research (SBIRs) and "Doing Business with NASA", selling their goods and services to the various NASA facilities and prime contractors. NASA representatives provided presentations and one-on-one counseling sessions.

The event featured table displays and meet-and-greet sessions from NASA Prime Contractors (SAIC, CSRA, A^{2}R, and SaiTech) as well as representation from the Small Business Administration, General Services Administration, Keesler Federal Credit Union and The University of Southern Mississippi.

Pictured L to R: Lynn Garrison (MSFC), Troy Miller (NSSC), Carmen Cyer (NSSC), Tom Stanley (SSC) and Kay Doane (SSC)

NASA@Work

NASA@Work is a collaborative problem-solving program that connects the collective knowledge of experts from all areas of NASA using a private web-based platform.

Challenge 2257: Unpressurized and Pressurized Logistics Carriers for In-Space Consumables

This challenge is seeking design ideas to reduce mass for pressurized and unpressurized carriers to be transported to the surface of a large body such as the Moon or Mars to resupply a mobile habitat such as the pressurized rover pictured, where a mass limited rover has minimal to no consumable regeneration capabilities. For more information on this challenge, visit: https://nasa.innocentive.com/ici/challengedetails/2257. Deadline: **TODAY**

Challenge 2270: Submit Your Research Idea to Be Conducted on ISS

Starting in September of 2017 the International Space Station Program is taking advantage of unique opportunities to increase the USOS crew size to 4 members. This is earlier than anticipated under the nominal schedule for 4 Crew with the commencement of the Commercial Crew Program flights. This challenge is seeking ideas for additional research that could be conducted during this time. For more information on this challenge, visit: https://nasa.innocentive.com/ici/challengedetails/2270. Deadline: **June 30, 2017**

Challenge 2271: Seeking Analytical Tools to Predict Flare Stack Plumes

The large hydrogen and methane flare stacks in use at SSC can create flame heights on the order of several hundred feet. The flares' plumes are characterized by significant momentum and buoyant forces that drive strong updrafts to altitudes of thousands of feet. NASA has to call for restricted airspace when one of the flare stacks will be in use. However, the FAA limits the number of days per year SSC can restrict the airspace and hot-fire test frequency is on the rise. For more information on this challenge, visit: https://nasa.innocentive.com/ici/challengedetails/2271. Deadline: **July 10, 2017**

Training Courses Available

Please refer to your training POC for additional training course information.

COURSE TITLE	DATE/TIME LOCATION	SCHEDULED OFFERING (click on the hyperlink to register in SATERN)	REGISTRATION DEADLINE	TARGET AUDIENCE
NSSC - CLASSIFICATION DEEP DIVE (Primary Session)	June 19, 2017 1-3 p.m. Logtown Conference Room	https://satern.nasa.gov/learning/user/deeplink.do?linkId=REGISTRATION&scheduleID=88736	**June 16, 2017**	All Supervisors
NSSC - CLASSIFICATION DEEP DIVE (Make-up Session)	June 20, 2017 9-11 a.m. Santa Rosa Conference Room	https://satern.nasa.gov/learning/user/deeplink.do?linkId=REGISTRATION&scheduleID=88737	**June 19, 2017**	All Supervisors

CHL Development Opportunities

Geospatial Python Training, July 17 - 18

This class will meet 8:30 a.m. – 4:30 p.m. daily in Building 1021. Cost is $25 per person. Software and sample programs are included with course materials. For registration, please contact Troy Teadt, PRCC Workforce Liaison, at ext. 8-3113 (o), 985-788-3257 (c), or tteadt@prcc.edu. For course details, visit http://www.chl.state.ms.us/new-events/geospatial-python.

NASA Exchange Announcements

Contact the NASA Exchange Office: Estess Building - Room N175, Phone: ext. 8-3303, Email: ssc-nasa-exchange@mail.nasa.gov or visit the NASA Exchange web page for announcements and other information: http://ssccommunity.ssc.nasa.gov/.

Men's Gift Market

Men's Gift Market will be held on ***TODAY, June 14*** in the Estess Building atrium from 10 a.m. – 2 p.m. Great gifts available at fantastic prices just in time for Father's Day!
https://ssccommunity.ssc.nasa.gov/nasaexchange/promotions/05_22_2017_promotion1.pdf

Baby Cakes' Star Wars Night

Stennis Night with the Baby Cakes will be Saturday, June 24 when the New Orleans Baby Cakes take on the Colorado Springs Sky Sox. Game starts at 6 p.m. Experience a great game, post-game fireworks display, Star Wars character appearances, Death Star baseball giveaways, photo opportunities with Storm Troopers, and a Star Wars jersey auction. Tickets are on the first-base line in Section 123. **Limited tickets available for $9 each, and are on sale through June 15.**
https://ssccommunity.ssc.nasa.gov/nasaexchange/promotions/05_11_2017_promotion1.pdf

Dollywood

2017 Dollywood passes available for purchase in the Specific Impulse Gift Shop (Estess Building, Room S170).
https://ssccommunity.ssc.nasa.gov/nasaexchange/promotions/03_28_2017_promotion1.pdf

Gulf Islands Waterpark & Zip'N Fun

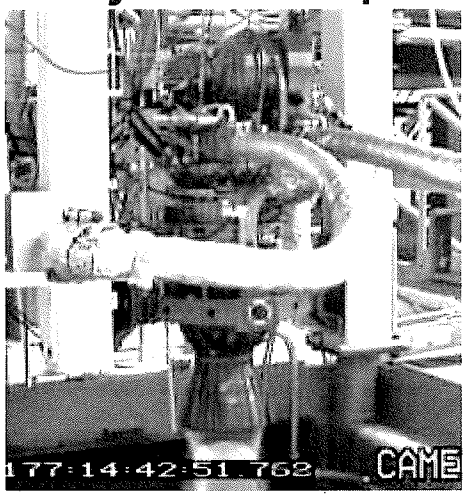
Stennis discounts for Gulf Islands Waterpark (GIWP) and Zip'N Fun Adventure Park! See the links below for more information. GIWP offers discounts on a single day admission for only $19.99! You can upgrade your pass to a Season Pass for only $25 more on the day of entry. This is the most affordable way to purchase a Season Pass. Zip'N Fun Park is offering their Tree Top adventure for $21.99 and Junior Adventure for $14.99. Use our Code: 20NASA17 on the GIWP website to get your discounts.
https://ssccommunity.ssc.nasa.gov/nasaexchange/promotions/05_08_2017_promotion1.pdf
https://ssccommunity.ssc.nasa.gov/nasaexchange/promotions/05_08_2017_promotion2.pdf

Blue Bayou / Dixie Landin'

The NASA Exchange is offering discounted tickets to Blue Bayou/Dixie Landin' parks in Baton Rouge, LA. Limited amount of tickets available in the NASA Exchange Office. Each ticket is $32!
https://ssccommunity.ssc.nasa.gov/nasaexchange/promotions/05_09_2017_promotion1.pdf

This Week in History:

Project Morpheus



In June 2012, a team of NASA engineers from Stennis Space Center and Johnson Space Center conducted rocket propulsion test activities on a new liquid methane, liquid oxygen engine used to power the Project Morpheus prototype lander, which could one day evolve to carry cargo safely to the moon, asteroids or Mars surfaces.

While ongoing vehicle flight tests were being conducted with an earlier version engine installed on the lander, the Morpheus Project advanced its propulsion capability to meet new flight requirements. The tests on Stennis' E-3 Test Stand marked the first time this new, higher performance version of the Morpheus engine (designated HD5) had been tested on its own. The series involved more than two dozen tests of the engine controller and thrust chamber over a six-day period.

Pictured above, a mounted video camera on the E-3 Test Stand at Stennis documents testing of the Project Morpheus engine.

Safety Tip:

Fatigue Awareness

With busy schedules and deadlines to meet, sleep is often the first thing to go. All those late nights and early mornings add up, and sleep deprivation has consequences, including important implications for workplace safety. The National Safety Council (NSC) selected, "Fighting Fatigue" as the week 2 theme during National Safety Month with its "Recharge to Be in Charge" campaign.

According to the Centers for Disease Control and Prevention (CDC), a third of adults don't get enough sleep. The CDC states most adults need at least 7 hours per night. In the workplace, discussions about fatigue and sleep deprivation often center on shift workers. And it's true that employees who frequently work night shifts or change shifts often are at higher risk of sleep disruption, but shift workers aren't the only group that experiences elevated rates of sleep deprivation and fatigue.

Those working more than one job, long hours or overtime, and in harsh environmental conditions can also be at risk of fatigue. A recent study by the National Institute for Occupational Safety and Health (NIOSH) found that workers in production occupations, healthcare support workers, healthcare practitioners and technicians, food preparation and service workers, and protective service employees such as police and firefighters were more likely to sleep fewer than 7 hours per day than all other major occupational groups.

Safety and health implications

Regularly falling short on sleep can have a wide range of health consequences, including higher risk for obesity, diabetes, high blood pressure, heart disease, stroke, and depression. In addition, feeling sleepy while operating dangerous equipment or driving a car is a major

hazard not only because of the danger of falling asleep while doing so, but also because of the slower reaction times, increased risk of errors, and decreased cognitive ability that can result from fatigue.

Recommendations for employers

All employers can benefit from the following recommended practices to reduce the hazards associated with workplace fatigue:

- Provide employee training and education about the importance of proper rest, the hazards of working while fatigued, and best practices for quality sleep.
- Schedule critical and highly hazardous tasks during the time when employees are at their most alert.
- Provide a variety of at-work activities and encourage workers to take breaks to prevent and mitigate fatigue.
- Train employers and supervisors to recognize the signs of excess fatigue, monitor themselves and their coworkers, and take steps to mitigate safety risks.

Photo of the Week

Members of the Band Journey Visit SSC

Ross Valory, bass guitar player with the Rock and Roll Hall of Fame band Journey, visited SSC on June 8. Valory, along with several members of their crew, toured various facilities at Stennis including the B-2 Test Stand which will be used to test the core stage for NASA's Space Launch System or SLS. The SLS is a powerful, advanced launch vehicle for a new era of human exploration beyond Earth's orbit. During the tour, Valory made this short video about America's journey to Mars: https://sscwebc.ssc.nasa.gov/video/RossValoryInterview.html.

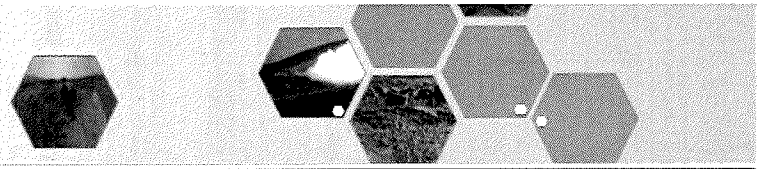
Image Credit: NASA/SSC

Attachment D

Copy of SSC's Intranet & Community Portal Pages

John C. Stennis Space Center

SSC Intranet Portal



Director's Office | Organizations | Boards & Councils | Employee Resources | Information Resources | Programs & Initiatives | Safety, Security, & Health | Systems & Applications

Search

Collapse/Expand *Quick* LINKS

- Access Request System (ARS)
- ACES Portal
- Close Call Reporting System (CCRS)
- Design and Data Management System (DDMS)
- Extreme Ideas ERG Website
- E&TD Safety Web Page
- Facility Utilization Request (Request/Return Space)
- IT Security
- ITS 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
- S3 Maximo
- S3 Vision Service/Purchase Request System
- SACOM Portal
- Safety Data Sheet (SDS)
- SATERN
- Search TechDoc
- SSC Campus Portal
- SSC Community Portal
- SSC Electronic Forms
- SSC Incident Command Post
- SSC ODEO
- SSC Phone Query
- SSC Public Website
- SSC Visitor Request
- Stennis Institutional GIS
- Stennis Management Systems
- Stennis Maps
- Stennis Secure Nomadic Access (SNA)
- Webmail (NOMAD)
- WebTADS

Safety, 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
- Safety|Smart
- 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)

Featured Video

2016 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 Safe Drinking Water Act (SDWA). The John C. Stennis Space Center 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.

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	1.2	.2	3.3	2016	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	23	NA	NA	2016	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	69.3	NA	NA	2016	No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	.0142	.0119	.0142	2014	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	8.7	6.7	8.7	2014	No	Discharge from steel and pulp mills; Erosion of natural deposits
Copper - source water (ppm)	NA		1.9477	.0066	1.9477	2016	No	Corrosion of household plumbing systems; Erosion of natural deposits
Fluoride (ppm)	4	4	.262	.203	.262	2014	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead - source water (ppm)	NA		.0059	NA	.0059	2016	No	Corrosion of household plumbing systems; Erosion of natural deposits
Microbiological Contaminants								
Total Coliform (TCR) (positive samples/month)	0	1	0	NA	NA	2014	No	Naturally present in the environment
Radioactive Contaminants								
Radium (combined 226/228) (pCi/L)	0	5	.3	.32	.43	2012	No	Erosion of natural deposits

Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	.4	2016	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Inorganic Contaminants							

Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
Lead - action level at consumer taps (ppb)	0	15	4	2016	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

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)
positive samples/month	positive samples/month: Number of samples taken monthly that were found to be positive
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.
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

National Aeronautics and
Space Administration

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

June 19, 2017

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 2016 calendar year signed Consumer Confidence Report (CCR) Certification Form for public water system # MS0230015. The population for this reporting period was 4,963.

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 14, 2017
Attachment D/CCR Posted on the SSC's Intranet and Community Portals

If you have additional questions, please contact Mr. Adam Murrah at (228) 688-1619 or Ms. Jenette B. Gordon at (228) 688-1416.

Sincerely,

David K. Lorance
Environmental Officer

cc:
RA02/Mr. Adam Murrah

Working Group Members & Other Contacts	Agency	Building Location
Steve Fitzgerald/Nick Hollis	Naval Oceanographic Office	1000, 1002, 1100, 1005, 1032, 1011, 2406, 9134, 9307, 9600
Lisa Garcia Evan Tillman	United States Geological Survey/HIF	2101
John Wasserman John Young Jay Hancock	National Data Buoy Center	3202, 3203, 3206
Lou Calehuff	Naval Research Lab	1005, 1007,1009
Allison Mojzis	University Southern Mississippi	1020, 1022
Steve Ashby	Mississippi State University	1021
Keith Long Belinda Gill	Mississippi Enterprise for Technology	1103
Nelson May	National Marine Fisheries Service	1100
Gigi Savona, Steve Dienes	NASA Concessionaires	1100, 3225, 3226, 2124, 2411, 3219, 9101
Kristi Hurt Lasonya Pulliam	Aerojet Rocketdyne	4120, 4220, 4995,4122, 4301, 9101
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Jane Kennedy	S3/SACOM	1100, 1200, 2105, 2204, 2201, 2205, 8000, 9101
Susan Fendley	S3/SACOM	8201, 8301, 4010, 3305, 3407, 4400,4120, 3226
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Dr. Juan Blanch Laura Schepens	S3?SACOM	8000
Johnny Finch	SBT-22	2601, 2602, 2603, 2604, 2605,

David Everett Walter Anderson	USSOCOM	2108, 2109,2110, 2119, 9501-9506, 9511-9519, 9600,
John Cogley	NSSC	1111
Terry Shelby	CNMOC	1100, 9134, 9322, 9605, 9607, 9609, 9611, 9613, 9615, 9617, 9619
Kerry Jackson	NAVSCIATTS	2606, 2104, 9312
Dona Stewart	Navy/Child Care	2120
Martin Flinders James Jenkins	Rolls Royce	5001, 5003, 5005, 5008
Glen Harriel Joseph LaFave	Lockheed Martin	5100
Jason Fleetwood	Boe-Tel	8302
Sharon Angelo Ken Hesler	Power Dynamics	9101, 9166
David Spiers Jody Dixon	GPO	9101
Hugh Fouquet	DaKitchen	9110
Valorie Wheat Mark McCrory	Navy HR	9110
Quinn Kelly	COE	9119, 9801
Rick Hydorn	NCCIPS	9300, 9302,9306, 9308-9311, 9315-9321, 9323-9333, 9348, 9353, 9354
Brett Sturm	DOE	9355

Attachment A

Attachment A
CCR Certification Page