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CONSUMER CONFIDENCE REPORT ✓

CERTIFICATION FORM

Public Water Supply Name: Stennis Space Center

List PWS ID #s for all Water Systems Covered by this CCR: MS0230052, MS0230015

The Federal Safe Drinking Water Act requires each ***community*** public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

X Customers were informed of availability of CCR by: ***(Attach copy of publication, water bill or other)***

Advertisement in local paper
On water bills
X Other: Email, Orbiter, Intranet/Community Portals

Date customers were informed: 6 /11/ 2015

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

Date Mailed/Distributed: 6 / 11 /2015

X CCR was published in local newspaper. ***(Attach copy of published CCR or proof of publication)***

Name of Newspaper: Orbiter (Stennis Digital News)

Date Published: 6 /17 /2015

X CCR was posted in public places. ***(Attach list of locations)***

Date Posted: 6 /11 /2015

X CCR was posted on a publicly accessible internet site at the address: http://sscintranet.ssc.nasa.gov/safety.asp

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

David Lorance
Name/Title (President, Mayor, Owner, etc.)
David Lorance/ Environmental Officer

7/17/2015
Date

2014 Consumer Confidence Report - Base Side

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, is part of the Coastal Lowlands Aquifer System or the Southeastern Coastal Plain System. SSC's drinking water well depths range from 1,434 to 1,530 feet with a natural flow of 1,100 to 2,500 gallons per minute.

Source water assessment and its availability

The Mississipppi 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	Your Water	Range Low	Range High	Sample Date	Violation	Typical Source
Disinfectants & Disinfectant By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Haloacetic Acids (HAA5) (ppb)	NA	60	31	NA		2014	No	By-product of drinking water chlorination
Chlorine (as Cl2) (ppm)	4	4	1.2	0.97	1.2	2013	No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	NA	80	41.5	NA		2014	No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	0.0142	0.0119	0.0142	2014	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.262	0.203	0.262	2014	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead - source water (ppm)		MPL	0.011(MPL)	0.0005	0.011	2013	No	Corrosion of household plumbing systems; Erosion of natural deposits
Copper - source water (ppm)		MPL	0.28(MPL)	0.022	0.28	2013	No	Corrosion of household plumbing systems; 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
Microbiological Contaminants								
Total Coliform (positive samples/month)	0	1	0	NA		2014	No	Naturally present in the environment
Radioactive Contaminants								

Radium (combined 226/228) (pCi/L)	0	5	0.43	0.32	0.43	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	0.2	2013	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	6	2013	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:

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Fax: 228-688-6699
E-Mail: Jenette.B.Gordon@nasa.gov

2014 Consumer Confidence Report - Area 9

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 as in years past, that the drinking water met the 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.

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Where does my water come from?

There are several aquifers that can be traced through Hancock County where Area 9 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, is part of the Catahoula Aquifer System. Area 9's drinking water well depths range from 600 to 700 feet with a natural flow of 1,500 gallons per minute.

Source water assessment and its availability

The Mississippi State Health Department (MSDH) conducts an annual compliance site review and we continue to maintain excellent water quality.

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).

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- 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.

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Water Quality Data Table

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National Aeronautics and Space Administration

ORBITER

JOHN C. STENNIS SPACE CENTER

Wednesday, June 17, 2015

Features in this issue:

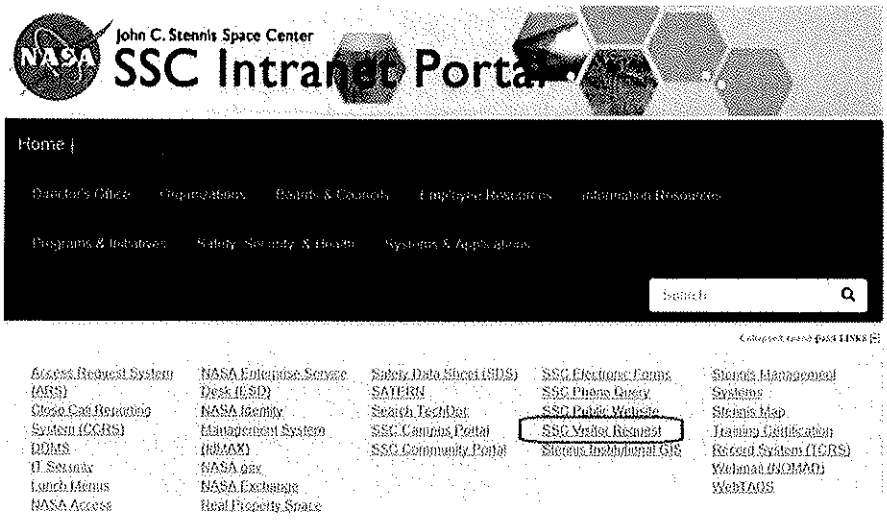
- *NEW Extreme Ideas ERG Website*
- *SSC Visitor Request link added to SSC Intranet Portal*
- *SSC LGBT Pride Month Celebration*
- *NASA STEM Educator Professional Development*
- *NASA Ames 2015 Summer Series*
- *2015 Consumer Confidence Report*
- *Infinity "Earth Quest" Summer Camp slots Available*
- *NASA Exchange Announcements*
- *Training Courses Available in SATERN*
- *History Article: Mississippi Technology Transfer Center*
- *Safety Tip: Hierarchy of Control*
- *Photo of the Week: We Have Ignition: RS-25 Fires Up*

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 688-3333, or send submission to ssc-pao@mail.nasa.gov.

NEW Extreme Ideas ERG Website

The Extreme Ideas Employee Resource Group (ERG) is happy to announce the new Extreme Ideas ERG Website: http://ssccommunity.ssc.nasa.gov/ExtremeIdeas/. The Extreme Ideas ERG is an open-minded conduit between the SSC workforce and the decision-making bodies that govern the Center. We strive to ensure that ideas are heard, addressed for feasibility, and communicated to the workforce. Employees are encouraged to visit our site and submit an idea.

SSC Visitor Request link added to SSC Intranet Portal



In an effort to improve customer service, the Office of Protective Services has added a link for the SSC Visitor Request form on the Stennis Intranet Portal page under "Quick Links". Employees are encouraged to use this form when requesting access for visitors on site.

For more information, contact the Office of Protective Services at justin.w.smith@nasa.gov.

SSC LGBT Pride Month Celebration

In honor of LGBT Pride Month, the Stennis Diversity Council presents TED talk, "Fifty Shades of Gay" by artist iO Tillett Wright on Wednesday, June 24 from 12-1 p.m. in the Gainesville Room. Group discussion will follow the presentation. Wright has photographed 2,000 people who consider themselves somewhere on the LGBT spectrum.The discussion is designed to broaden understanding and explore different perspectives to increase respect and compassion for all. All Stennis employees are welcome. The more perspectives in attendance, the more we can all learn from one another.

NASA STEM Educator Professional Development

In partnership with Audubon Aquarium of the Americas, NASA Education will be offering a no-cost, Science, Technology, Engineering and Mathematics (STEM) educator professional development workshop series July 1-3, 2015. Sessions will be presented by NASA Education Specialists from around the country. Each workshop will focus on a specific NASA education topic and provide unique hands-on activities and materials to share with your students. Sessions will integrate NASA missions, real-world data, lesson plans, and online resources that will enhance your elementary and middle school curriculum with the excitement of aerospace exploration. The registration deadline has been extended to June 24. To register, visit, http://www.auduboninstitute.org/education/programs. Registration is limited to 30 4th - 8th grade educators for each session. NASA Certificates of Participation will be provided to all participants. For additional information, contact stephen.p.culivan@nasa.gov. Workshops will be held at Audubon Aquarium of the Americas, #1 Canal St, New Orleans, LA. Please see the list below for specific workshop information.

EARTH RIGHT NOW (Wednesday, July 1, 9 - 11:30 a.m.)
Our planet is changing. We're on it. Learn how NASA uses the vantage point of space to better understand our home and bring it into your classroom.

SPACE TECHNOLOGY DRIVES EXPLORATION (Wednesday, July 1, 1 - 3:30 p.m.)

How does technology drive exploration? Learn how space travel, robotics and science instruments advance NASA's space exploration, science and aeronautics capabilities.

JOURNEY TO MARS (Thursday, July 2, 9 - 11:30 a.m.)
A fleet of robotic spacecraft and rovers already are on and around Mars, dramatically increasing our knowledge about the Red Planet. Discover how together, humans and robotics will pioneer the next giant leap in exploration.

AERONAUTICS - COME FLY WITH US (Thursday, July 2, 1 - 3:30 p.m.)
Aeronautics has been part of NASA for more than 50 years. Learn about technologies developed from NASA research. A wide variety of aerospace activities and lesson plans available for educators and students will be shared.

OUR SOLAR SYSTEM AND BEYOND (Friday, July 3, 9 - 11:30 a.m.)
Explore NASA missions that are looking to answer key questions about our home planet, neighboring planets in our solar system and the universe beyond. A set of solar system lithographs will be distributed to each participant.

ISS - LIVING AND WORKING IN SPACE (Friday, July 3, 1 - 3:30 p.m.)
NASA is using the International Space Station (ISS) to learn more about living and working in space. These lessons will make it possible to send humans farther into space than ever before. Enjoy some surprising facts about living and working in space.

NASA Ames 2015 Summer Series

NASA Ames is hosting a Summer Series featuring a collection of seminars by global subject leaders on captivating topics ranging from technical to non-technical talks including: science and technology research, NASA missions and history, retrospectives, exploration, and science fiction. The series will be streamed live on SSC Channel 11.1 at 1:00 p.m. CDT, and the talks will be uploaded to the NASA Ames YouTube channel. You can view last year's talks at https://www.youtube.com/playlist?list=PLfnpkfDmrBqZBuDtMJsCH8bVri1F4ojl7. Please see the June dates for the series schedule below:

- Tuesday, June 23- A Cosmic End: from the Earth to the Universe"
- Thursday, June 25- "Burn to Shine: Experiences and Lessons from the Orion Heat Shield"
- Tuesday, June 30- "The Martian: How Science Drove the Plot"

INFINITY "Earth Quest" Summer Camp slots Available

Trick your little scholar into learning valuable, fun and memorable Earth science this summer by signing them up for some fascinating hands-on exploration at the INFINITY Science Center's premier Camp Infinite "Earth Quest" week-long summer camp sessions. Space still available in Sessions 5 & 6 for 10-12 year olds.

"Earth Quest" Session 5, ages 10-12, July 13-17
"Earth Quest" Session 6, ages 10-12, July 20-24

Slots are limited. Visit www.visitinfinity.com for session description, pricing and registration forms. Feel free to drop off the form during your lunch hour and pay your deposit at the ISC front desk.

2015 Consumer Confidence Report

The Consumer Confidence Reports for SSC Base Side & Area 9 drinking water is available in accordance with Subpart O of 40 CFR 141.155/National Primary Drinking Water regulations.

This report shows that both water systems have not violated any water quality standards, which means that good quality water is being provided to all personnel. To read the full reports, visit the SSC Intranet Portal & the Community portal at: http://sscintranet.ssc.nasa.gov/safety.asp.

NASA Exchange Announcements

Contact the NASA Exchange Office: Estess Building- Room S170, Phone: ext. 8-3303, Email: ssc-nasa-exchange@mail.nasa.gov

Visit the NASA Exchange web page for more announcements and information: http://ssccommunity.ssc.nasa.gov/.

EXCHANGE NEWS

SSC Farmers Market

The NASA Exchange is seeking someone interested in assisting with the Farmers Market on a regular basis. If you are interested in working with the NASA Exchange on the Farmers Market, please contact: Honey Spoon, NASA Exchange Office Manager at ext. 8-7227 or via email at honey.s.spoon@nasa.gov.

The NASA Exchange Farmers Market will be Tuesday, July 7 in the Estess Building Atrium. Homemade dishes and treats, gourmet popcorn, beautiful produce, honey and much more. Help support local vendors!

EMPLOYEE DEALS

Specific Impulse Gift Shop

The Gift Shop now has workout shorts and tank tops for men and women with more arriving soon. Prices vary from $15-$35. The Wellness Center will also be carrying the same lines of clothing for work-out wear!

Blue Bayou / Dixie Landin' Tickets

The NASA Exchange now offers Blue Bayou/Dixie Landin' tickets! Tickets may be purchased in the Exchange Store (Specific Impulse Gift Shop). Stennis Employees ticket price is $32. NASA Employees ticket price is $27. These tickets are for a one-day admission and for guests that are 48" and taller.

Entertainment Deals

Ringling Bros. and Barnum & Bailey Circus tickets, AND Disney Live presents 'Three Classic Fairy Tales'! Discount tickets are available through FELD Entertainment. (Please reference the Exchange announcements Page.)

New Orleans Pelicans

The NASA Exchange is offering the following discounted ticket packages to the Pelican games. This is something fun for Stennis employees and their families, while also being involved in the excitement of making a hopeful playoff run! Led by 22 year old all-star Anthony Davis, the sky is the limit and it begins now.

Section 111, Row 2, Seats 5-6 are available as of now (RIGHT BEHIND PELICANS BENCH). 12 Game Weekend Plan (ONLY 10 LOCATIONS LEFT ON FLOOR) is **$8,130 (includes parking)**. To Reserve: Pay in full *OR* $813 down.

Section 111, Row 17, Seats 5-6 are available as of now (BEHIND PELICANS TUNNEL). 12 Game Weekend Plan (Club Location) is **$2,630 (includes parking)**. To Reserve: Pay in full *OR* $263 down.

Section 108, Row 15, Seats 7-8 are available as of now (NEAR PELICANS TUNNEL). 12 Game Weekend Plan (Lower Corner Location) is **$1,680 (includes parking)**. To Reserve: Pay in full *OR* $168 down.

Balcony Ends - **$199 Season Tickets –this breaks down to just over $4.00 per ticket, per game.** The first few rows of this price point will naturally sell first.
To reserve or ask any questions please call Matt Perrin at 504-593-4742.

SSC Recreational Association

The SSC Recreational Association wants to remind everyone about the weekly events at the Cypress House. Complimentary popcorn is available five days a week and Nachos and Cheese are available Tuesday and Wednesday evenings. Check out a selection of t-shirts in various colors as well as our beverage cozies, all with the Cypress House logo! Don't forget about Wednesday's Hot Dog/Hamburger Lunch, Thursday's 3-Taco Lunch and Steak Night (first steaks off the grill at 5 p.m.)

***On Thursday, July 2nd, celebrate the 4th of July early with us at our Independence Day Bash/Steak Night! Enjoy a great steak dinner, patriotic music and wear your red, white and blue at the Cypress House! More details will be available soon.

Training Courses Available in SATERN

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
OSHA 30 HOUR FOR CONSTRUCTION COURSE NEW	June 15-18, 2015 8 a.m.-4:30 p.m. Infinity Science Center	https://satern.nasa.gov/learning/user/deeplink_redirect.jsp?linkId=SCHEDULED_OFFERING_DETAILS&scheduleID=78622	June 18, 2015 @ 4 p.m.	Operational safety personnel and construction supervisors
APPEL-MANAGING VIRTUAL TEAMS	June 16-17, 2015 12-5 p.m. Virtual Classroom	https://satern.nasa.gov/learning/user/deeplink_redirect.jsp?linkId=SCHEDULED_OFFERING_DETAILS&scheduleID=78402		NASA'S Technical Workforce
ATIS INTERNAL AUDIT SOFTWARE TRAINING FOR AUDITORS	June 16, 2015 9-11 a.m. Estess Bldg., Room 236 A	https://satern.nasa.gov/learning/user/deeplink_redirect.jsp?linkId=SCHEDULED_OFFERING_DETAILS&scheduleID=78713		Information Technology Service Contract (ITSC)

This Week in History:

Dedication of the Mississippi Technology Transfer Center

Dedication of the Mississippi Technology Transfer Center on June 11, 1987, was a historic day for the state of Mississippi and NASA at the National Space Technology Laboratories (now Stennis Space Center). Gov. Bill Allain described the occasion as a gathering of many outstanding Mississippians. "The fact that we had leaders in government, politics, business and higher education on hand for the dedication marks the beginning of a long-term partnership between the public and private sectors to provide necessary human and fiscal resources to the center," he said.

Allain signed official documents transferring ownership of the $4 million technology transfer building from the state of Mississippi to the space administration. The technology transfer center will create an opportunity for Mississippi businesses to gain access to government technology in a way previously unavailable.

NSTL Director Jerry Hlass said the joint endeavor between the state and the space administration is "unprecedented in NASA and perhaps in the federal government." He remarked that the building is a "tangible asset" to the state and is "intended to assist the private sector of Mississippi to invest in and use state-of-the-art technology. This joint endeavor will capitalize on the vast capabilities of this installation for the benefit of the people of Mississippi and the nation."

Rear Adm. Richard Truly, NASA associate administrator for Space Flight, pledged support from senior NASA management in sharing Mississippi's vision for providing this unique way of transferring new technology to the private sector. The veteran astronaut and native Mississippian reflected upon his own family's long heritage in the state. "My children are all involved in careers today that were not available to me when I graduated," Truly said. Truly made note of the benefits NASA had already made available to America's people and economy through its own spinoff technologies. "The value of this spinoff technology far exceeds the public monies that have been directly invested in the space program," he said.

Pictured above, Gov. Bill Allain (left), Rear Adm. Richard Truly (center) and NSTL Director Jerry Hlass pause after signing the official document transferring the Mississippi Technology Transfer Center from the state to the federal government.

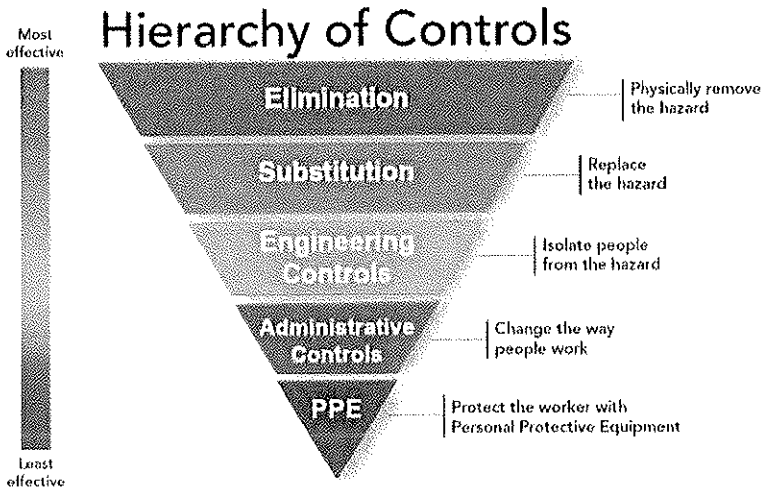
Safety Tip:

Hierarchy of Controls

Controlling exposures to occupational hazards is the fundamental method of protecting workers. Traditionally, a hierarchy of controls has been used as a means of determining how to implement feasible and effective control solutions.

Elimination and Substitution

Elimination and substitution, while most effective at reducing hazards, also tend to be the most difficult to implement in an existing process. If the process is still at the design or development stage, elimination and substitution of hazards may be inexpensive and simple to implement. For an existing process, major changes in equipment and procedures may be required to eliminate or substitute for a hazard.



Engineering Controls

Engineering controls are favored over administrative and personal protective equipment (PPE) for controlling existing worker exposures in the workplace because they are designed to remove the hazard at the source, before it comes in contact with the worker. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The initial cost of engineering controls can be higher than the cost of administrative controls or PPE, but over the longer term, operating costs are frequently lower, and in some instances, can provide a cost savings in other areas of the process.

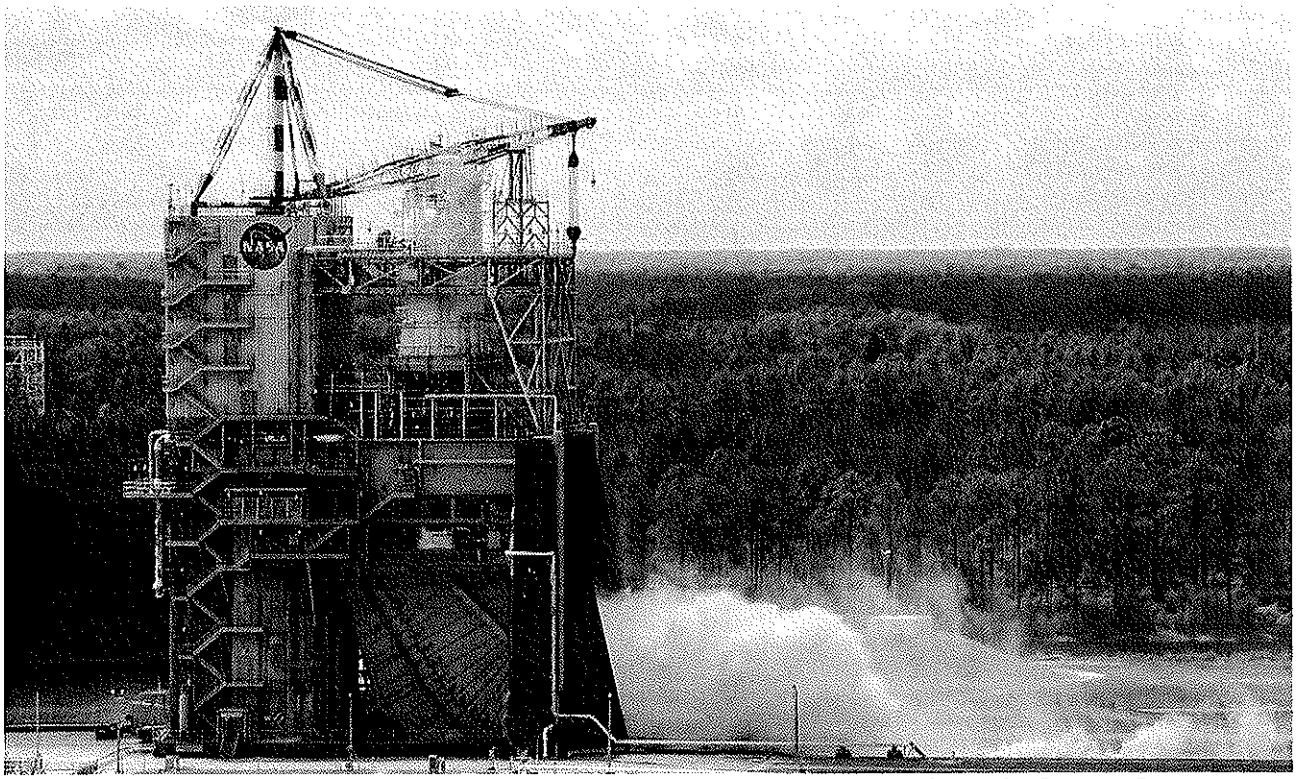
Administrative Controls and PPE

Administrative controls and PPE are frequently used with existing processes where hazards are not particularly well controlled. Administrative controls and PPE programs may be relatively

inexpensive to establish but, over the long term, can be very costly to sustain. These methods for protecting workers have also proven to be less effective than other measures, requiring significant effort by the affected workers.

Photo of the Week

We Have Ignition: RS-25 Fires Up for Third Test in Series



An RS-25 engine fired up for 500 seconds on Thursday, June 11 at Stennis Space Center. Four RS-25 engines will power NASA's new rocket, the Space Launch System, to send astronauts on future missions beyond Earth's orbit, including to an asteroid and ultimately to Mars. This is the third firing of an RS-25 development engine on the A-1 test stand at Stennis, with four more tests planned for the current development engine.

Image Credit: NASA/SSC

Attachment D

Copy of SSC's Intranet & Community Portal Pages

John C. Stennis Space Center

SSC Intranet Portal

- Access Request System (ARS)
- Close Call Reporting System (CCRS)
- DDMS
- IT Security
- Lunch Menus
- NASA Access Management System (NAMS)
- NASA Enterprise Service Desk (ESD)
- NASA Identity Management System (IdMAX)
- NASA.gov
- NASA Exchange
- Real Property Space Request
- Safety Data Sheet (SDS)
- SATERN
- Search TechDoc
- SSC Campus Portal
- SSC Community Portal
- SSC Electronic Forms
- SSC Phone Query
- SSC Public Website
- SSC Visitor Request
- Stennis Institutional GIS
- Stennis Management Systems
- Stennis Map
- Training Certification Record System (TCRS)
- 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
- SafetyiSmart
- Single Visitor Request
- SSC Counterintelligence
- SSC Incident Command Post
- SSC Integrated Risk Management
- SSC Safety Advisories
- SSC Water Quality Consumer Confidence Report
- SSC Water Quality Consumer Confidence Report - Area 9
- Striving to Achieve Real Safety (STARS)

Featured Video

- Process Safety Management
- It's Not My Job
- Embody Health
- JSC Bldg 37 Electrocution Mishap

National Aeronautics and
Space Administration

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

2015 JUL 27 PM 1:16

July 15, 2015

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 2014 calendar year signed Consumer Confidence Report (CCR) Certification Form for public water system #s MS0230015 and MS0230052 (Area 9). The population for this reporting period was 5,036.

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 17, 2015
Attachment D/CCR Posted on the SSC's Intranet and Community Portals

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

Sincerely,

David K. Lorance
Environmental Officer

Enclosure

cc:

RA02/Adam Murrah

CONSUMER CONFIDENCE REPORT
DISSEMINATION LISTING
Revised 06/2015

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 of Southern Mississippi	1020, 1022
Steve Ashby	Mississippi State University	1021
Keith Long	Mississippi Enterprise for Technology	1103
Nelson May	National Marine Fisheries Service	1100
*Cindy Canady David Lewis	NASA Concessionaires	1100, 2124, 2411, 3219,3225, 3226, 9101
*Kristi Hurt Lasonya Pulliam	Pratt-Whitney Rocketdyne	4120, 4122, 4220, 4301, 4995, 9101
*Peter Sciarabba Darryl Miller	Jacobs/FOSC	2109, 8100
*Marcia Stewart	Jacobs/FOSC	1100, 1105, 1200, 2105, 2201, 2204, 2205, 8000, 9101
*Bonnie Sanders	Lockheed/TOC	3226, 3305, 3407, 4010, 4120, 4400, 8201, 8301
*Ronald Good *Jim Sever	ARTS	1100 (1st, 2nd, & 3rd Floors), 1105, 1201, 3204, 8000,

CONSUMER CONFIDENCE REPORT
DISSEMINATION LISTING
Revised 06/2015

		8302, 8306, 9121
*Al Watkins/ Tabatha Butler	A2R	8100, 8110, 9801
*Anthony Vitale	NAVISCIATTS	2600, 2601, 2602, 2603, 2604, 2605
*Dr. Lucius Andrews Donna Turner	Jacobs/Clinic	8000
Johnny Finch	SBT-22	2601, 2602, 2603, 2604, 2605
David Everett	USSOCOM	2108, 2109, 2110, 2119, 9600
John Cogley Jim Barnett	NSSC	1111
Phuong Nguyen	NAVSCIATTS	2104, 2606, 9312
Dona Stewart	NAVY/ Child Care	2120
Martin Flinders Jamie Jenkins	Rolls-Royce	5001, 5003, 5005, 5008
Joseph LaFave Glen Harriel	Lockheed Martin (Stennis)	5100
Jason Fleetwood	Boe-Tel	8302
Sharon Angelo	Power Dynamics	9101, 9166
David Spiers Jody Dixon	GPO	9101
Hugh Fouquet	Da Kitchen	9110
Valorie Wheat Mark McCrory	Navy HR	9110
Craig Case	COE	9119, 9801
Julie Boudin	Vencore	9121
Ricky Hydoro	NCCIPS	9300, 9302, 9306, 9308-9311, 9315-9321, 9323-9333, 9348, 9353, 9354
Brett Sturm	DOE	9355

If you desire to know more about the SSC Water System compliance history, please go to the following website address: http://www.epa.gov/safewater/dwinfo/ms.htm . If you have additional questions, please contact Ms. Jenette B. Gordon at (228) 688-1416.

MURRAH, ADAM W. (SSC-RA02)

From: MURRAH, ADAM W. (SSC-RA02)
Sent: Thursday, June 11, 2015 11:15 AM
To: Gordon, Jenette B. (SSC-RA02); boone.tripp@epa.gov; SHELBY, TERRY D (SSC-CNMOC) [CNMOC (SSC)]; rclancy@gpo.gov; Marshall.Dunn@navy.mil; 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; Rodney.Tate@nexweb.org; kristi.hurt@rocket.com; Pulliam, LaSonya D PWR (LaSonya.Pulliam@rocket.com); Canady, Cynthia P. (SSC-AA03); Sciarabba, Peter J. (SSC-JACOBS)[JACOBS TECHNOLOGY INC (SSC FOSC)]; Miller, Daryl W. (SSC-JACOBS)[JACOBS TECHNOLOGY INC (SSC FOSC)]; Stewart, Marcia L. (SSC-JACOBS)[JACOBS TECHNOLOGY INC (SSC FOSC)]; SANDERS, BONNIE F. (SSC-LMSI)[LOCKHEED MARTIN TOC]; Good, Ronald W. (SSC-ARTS)[ASRC Research & Technology Solutions LLC (SSC)]; Brunson, Stacy E. (SSC-ARTS)[ASRC Research & Technology Solutions LLC (SSC)]; Butler, Tabatha (SSC-A2R) [A2Research (SSC)]; '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; Flinders, Martin A. (SSC-ROLLS-ROYCE)[ROLLS ROYCE (SSC)]; Harriel, Glen A (glen.a.harriel@lmco.com); Case, Craig J SAM (Craig.J.Case@usace.army.mil); Jenkins, James (James.Jenkins@rolls-royce.com); jason.fleetwood@boetel.com; sangelo@powerdynamicsllc.com; rtrussel@gpo.gov; mississippistormrider@yahoo.com; valorie.wheat@navy.mil; julie.boudin@qinetiq-na.com; HYDORN, RICKEY R. (SSC-NCCIPS)[SAIC - SSC]; brett.sturm@spr.doe.gov; joe.peek@navy.mil; 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); Kennedy, Carolyn D. (SSC-RA02); Carr, Hugh V. (SSC-RA02); Wright, Katrina L. (SSC-RA02); Ferguson, Missy (SSC-RA02); 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; Sever, James (SSC-ARTS)[ASRC Research & Technology Solutions LLC (SSC)]; LaFave, Joseph W; Dixon, Johanna {Jody} (SSC-GPO)[GOVERNMENT PRINTING OFFICE (SSC)]; 'valorie.wheat@navy.mil'; 'dspiers@gpo.gov'; 'Julie.Boudin@vencore.com'
Subject: 2014 Consumer Confidence Reports
Attachments: 2014 Consumer Confidence Report - Area 9.pdf; 2014 Consumer Confidence Report - Base Side.pdf

All,

The attached Consumer Confidence Reports (CCR) for the SSC Base Side and Area 9 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 #s for each system is as follows: Base Side # is MS0230015 and Area 9 # is MS0230052 . Neither of the water systems violated 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.

Sincerely,

Adam

Adam Murrah
Historic Preservation Officer
Environmental Specialist
228-688-1619

Attachment A
CCR Certification Page

Attachment B

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

Attachment C

SSC Newspaper/Orbiter Notice