



Mission Success Starts With Safety



SSC Construction Contractor Safety Meeting

April 04, 2024



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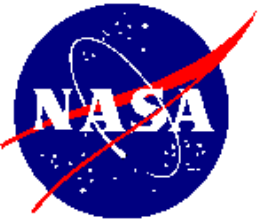
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Construction Safety

SSC Construction Inspection
Safety Findings/Stats

March 2024



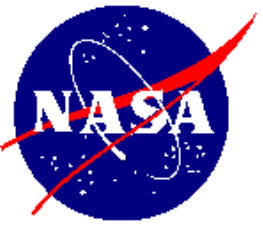
Construction Safety Report: 1 March – 31 March 2024

Findings: 2

Level 1 Severity : 2

- On March 1, 2024, a construction contractor was observed utilizing a synthetic strap in poor condition with torn and ripped nylon stitching to lift and hold a long section of HDPE pipe. The strap was immediately disposed of and replaced by a brand new one the following day.
- On March 18, 2024, two employees were running a pressure washer and vacuum "potholing" the ground to identify pipe locations. The crew member running the pressure washer had a face shield connected to his hard hat, but it was in a raised position and not lowered covering his face. The employee running the vacuum did not have a face shield on. This PPE is required for performing this job function. The pressure washer blows water and dirt into the air and could cause injury.

Level 2 Severity : 0



Construction Safety Report: 01 March – 31 March 2024

NMIS Mishaps/Close Calls: 1

On March 21st, a contractor struck an unmarked 8" Transite water line while performing a horizontal bore. The line will be properly abated and repaired. All required departments were notified. A Form 1627 is currently being completed.



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Water Line Strike





Construction Safety Report: 01 March – 31 March 2024

Findings: 0

Level 1 Severity : 0

Level 2 Severity : 0

NMIS Mishaps/Close Calls: 3

Close Call 1:

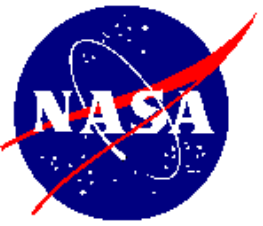
On March 21, 2024, a contractor struck an unmarked phone line and was informed that the line was dead. (The contractor had been told that there were many abandoned utilities in that area from preexisting trailer placement.) However, on March 25, a communications representative determined it was a live line for the cryogenics area entrance phone. An initial SSC-1627 report has been generated regarding this close call. (see Figure 1)



Utility Strike



Figure 1



Construction Safety Report: 01 March – 31 March 2024

Close Call 2:

On March 28, 2024, a contractor was backfilling an excavation near A-1 Test stand and rolled over a buried 2" PVC sewer line causing it to leak. After noticing water on the ground, the contractor probed the area locating the line and noticed that the line had slipped apart at a previously repaired bell joint. Phone notifications were made and S3 shops made the repair. An initial SSC-1627 report has been generated regarding this close call. (see Figure 2)

Close Call 3:

On March 28th, 2024, a contractor was identifying utility locations using a small excavator near building 8100 when they struck an unidentified 2-inch gas line. They immediately shut down their equipment and evacuated the area. Phone notification was made to the superintendent who contacted emergency services. The fire department and security secured the area until the gas line was shut off until repairs were made by S3. An SSC-1627 report will be filed within 24 hours. (see Figure 3)

Sewer Line Separation

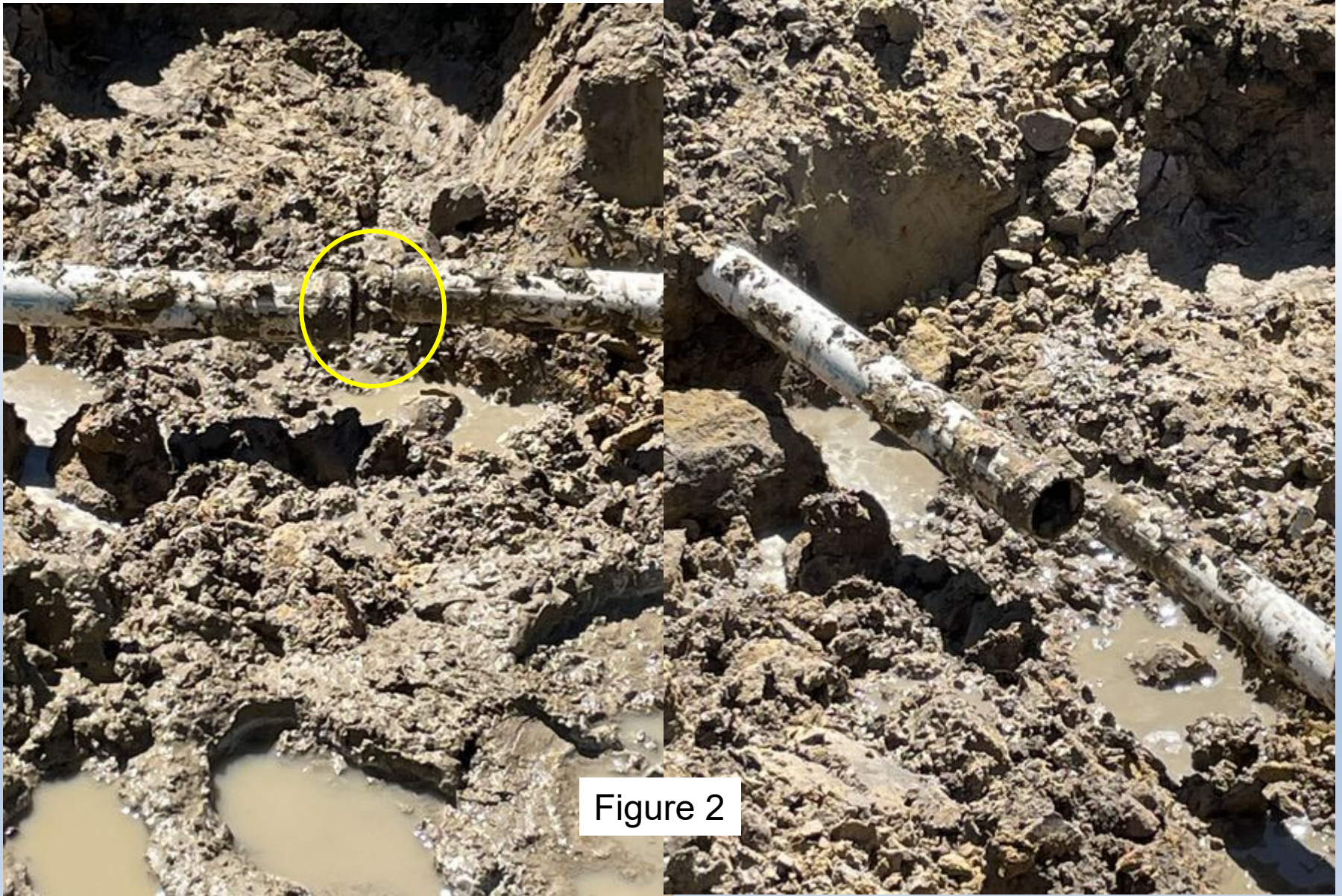


Figure 2

Gas Line Strike



Figure 3



Discussion Topics

- SSC VPP Recertification Audit: April 8-12, 2024
- OSHA Stand Down for Fall Protection: May 6-10, 2024
- SSC Construction Safety Standdown: May 8, 2024
- LDE requirements for contractors
- Safety Topic: Mishap/Close Call Reporting

Mishap/Close Call Reporting

Proper reporting is imperative in an emergency. Often, time is of the essence. 911 is for reporting emergencies; where an emergency is defined as an immediate threat to life/health/or property. When reporting emergencies at SSC call 911 from a site land line, or 228-688-3636 from a cell phone. Be ready to provide essential information concerning the exact location and type of emergency. By calling this number, SSC Medical, fire department, and security are immediately notified that an emergency condition exists. In addition, essential personnel performing required associated processes are also notified.

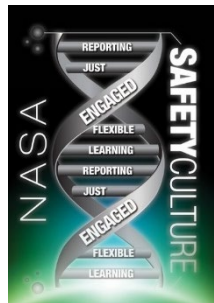
[Stennis Plan \(SPLN\)-8621-0003](#), *SSC Mishap Preparedness and Contingency Plan (MPCP)*, establishes the responsibilities for the reporting, response and investigation of mishaps at SSC.

SCWI-8715-0008, SSC Construction Safety and Health Program

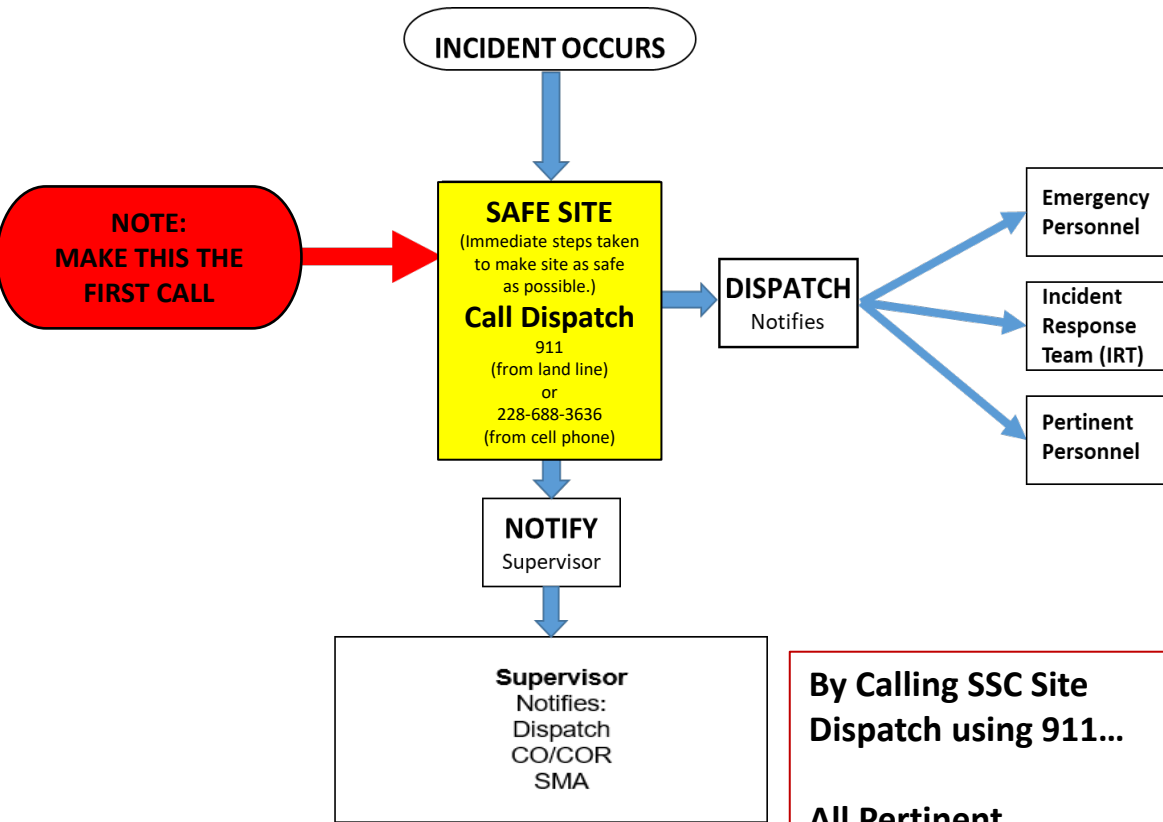
5.7 Mishap Reporting:

5.7.1 Basic Mishap Reporting Requirements

1. The Contractor shall immediately report by telephone all incidents in the following order:
 - a. Dispatch at 228-688-3636 (by cell phone) or 911 (by landline),
 - b. CO or COR,
 - c. SMA Construction Safety Representative



Proper Reporting It is Part of Our Safety Culture...



If injured while at a NASA Center, report to the clinic. If you are not at a NASA Center or if it is after business hours, seek other medical attention. Notify your supervisor.

By Calling SSC Site Dispatch using 911...

All Pertinent Personnel Requiring Notification are Contacted

Reporting Close Calls



CCRS | Close Call Reporting System (nasa.gov)

Stennis Space Center Close Call Reporting System

A CCRS close call is a condition that may have resulted in an accident, injury, or illness, but due to other factors did not. The best method to PREVENT accidents is to correct hazards before they result in injury, illness, or damage.

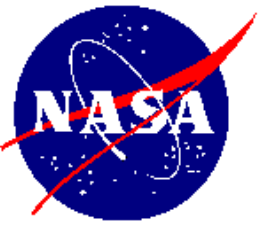
Reporting Mishaps

[NASA Mishap Information System \(NMIS\)](#)



A NMIS close call is an event requiring first aid treatment or less, or property damage or mission failure with a direct cost of less than \$20,000, based on a worst-case estimate by the responsible organization, but has NASA mishap potential.

Report hazardous conditions in CCRS if there is the potential for injury or property damage. Report actual events that did cause injury and/or property damage in NMIS.



Questions



<http://constructionsafety.ssc.nasa.gov/>