

Operational Period #23
08/23 19:00 - 08/25 19:00

Incident Action Plan

| | |
|---|----------------------------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | Prepared By: Peter Foreman |
| Period: #23: 08/23 19:00 - 08/25 19:00 | Version Name: P023V03 |

Approved By

Organization

Name

Signature

| |
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| |
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| |

Incident Photo



Included in Action Plan

| Include | Incident Forms | Include | Period Forms |
|--------------------------|--|-------------------------------------|--------------------------------|
| <input type="checkbox"/> | Include Incident Cover | <input checked="" type="checkbox"/> | ICS 202 - Incident Objectives |
| <input type="checkbox"/> | ICS 201-1 - Incident Briefing | <input checked="" type="checkbox"/> | ICS 204 - Assignment List(s) |
| <input type="checkbox"/> | ICS 201-2 - Summary of Current Actions | <input checked="" type="checkbox"/> | ICS 205 - Communication Plan |
| <input type="checkbox"/> | ICS 201-3 - Organization Chart | <input checked="" type="checkbox"/> | ICS 206 - Medical Plan |
| <input type="checkbox"/> | ICS 201-4 - Resource Summary | <input checked="" type="checkbox"/> | ICS 207 - Organizational Chart |
| <input type="checkbox"/> | ICS 201-5 - Site Safety and Control Analysis | <input checked="" type="checkbox"/> | ICS 208 - Site Safety Plan(s) |
| <input type="checkbox"/> | Reactive Phase Weather Report | <input type="checkbox"/> | ICS 211P - Check In List |
| <input type="checkbox"/> | Reactive Phase Notifications | <input checked="" type="checkbox"/> | ICS 230 - Meeting Schedule |
| | | <input type="checkbox"/> | Weather Report |
| | | <input type="checkbox"/> | ICS 213 - General Message(s) |
| | | <input type="checkbox"/> | ICS 214 - Activity Logs |
| | | <input type="checkbox"/> | Incident Critique |

ICS 202: Incident Objectives

| | |
|---|------------------------------------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | Prepared By: Peter Foreman |
| Period: #23: 08/23 19:00 - 08/25 19:00 | Version Name: 08/23/2014 15:34 CDT |
| Objective(s) | |
| 1. Worker safety 2. Public safety 3. Environmental conservation | |
| Operational Period Command Emphasis | |
| 1. Maintain a personnel decon 2. Take all items to equipment/debris decon 3. Vacuum truck used for liquid collection in area 4. Work Area air monitoring 5. Provide medical monitoring/EMT as needed 6. Dust/particulate suppression 7. Continue to transport debris for offsite disposal 8. Inventory all items leaving site 9. Conduct decon of transport equipment as needed 10. Excavate surface soil around perimeter of incident site 11. Remove concrete slab on south side of incident site 12. Provide fueling Ops on equipment 13. Frac tank transfer and decon air monitoring 14. Finish cleaning Broadway 15. Finish removing totes from LSA and prep for disposal 16. Remove silt from LMRC between railroad and Broadway/unplug culvert 17. Reseed USACE property along the LRMC - (Casey Anderson) contractor 18. Continue to transfer liquid from frac tanks for offsite disposal 19. Continue frac tank decon operations 20. Real-time air quality monitoring in the surrounding community 21. Waste disposal coordination 22. Soil, sediment, surface water, groundwater, and waste sampling as needed 23. Post excavation sampling 24. Personal air sampling for silica 25. Perimeter monitoring for silica as debris are removed from site 26. Perimeter monitoring for hydrogen sulfide during frac tank transfer operations 27. Inventory and maintain supplies for operations 28. Plan operations 29. Develop daily JHAs 29. Track equipment, personnel, and time 30. Traffic control 31. Manage, analyze, and present data collected from HAZMAT and air/environmental operations 32. Demob equipment and personnel | |
| General Situational Awareness | |
| Before any job is done, supervisors must review the JHA with their team. Any incidents involving injury, death, or equipment damage must be reported to the Safety Officer immediately. | |

ICS 204 - Assignment List

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|--|--|-------------------|----------------|--------------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | Period: #23: 08/23 19:00 - 08/25 19:00 | | | |
| Branch: HAZMAT | Division / Group: EXCLUSION ZONE/DECON OPS | | | |
| Prepared By: Peter Foreman | Version Name: 08/23/2014 15:34 CDT | | | |
| Unit: | | | | |
| Tactical Objective | | | | |
| Assignments | | | | |
| - Maintain a personnel decon | | | | |
| - Take all items to equipment/debris decon | | | | |
| - Vacuum truck used for liquid collection in area | | | | |
| - Work Area air monitoring | | | | |
| - Provide medical monitoring/EMT as needed | | | | |
| - Dust/particulate suppression | | | | |
| 1. Continue to transport debris for offsite disposal | | | | |
| 2. Inventory all items leaving site | | | | |
| 3. Conduct decon of transport equipment as needed | | | | |
| 4. Excavate surface soil around perimeter of incident site | | | | |
| 5. Remove concrete slab on south side of incident site | | | | |
| Resources Required | | | | |
| Resource Identifier | Leader | # of Units | Contact | Notes |
| HAZMAT Ops | Don Warren | 6 | 601-278-7814 | |
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| Assignment Progress and Issues | | | | |
| Removed from site as of 8/22 Chemical (Lime) - 10.25 full trucks Total Metal Scrap - 408,140 lbs Vehicles/Trailers - 12 Tires - 76 Salt - 27 tons Concrete - 120,720 lbs Debris - 39 full trucks Fire suppression water - 1300 bbls Underway and ongoing. | | | | |
| Location of Work | | | | |
| Operations in the burn area. | | | | |

ICS 204 - Assignment List

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|--|--|-------------------|----------------|--------------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | Period: #23: 08/23 19:00 - 08/25 19:00 | | | |
| Branch: REMEDIATION | Division / Group: NON-EXCLUSION ZONE OPS | | | |
| Prepared By: Peter Foreman | Version Name: 08/23/2014 15:34 CDT | | | |
| Unit: | | | | |
| Tactical Objective | | | | |
| Assignments | | | | |
| - Provide fueling Ops on equipment | | | | |
| -Frac tank transfer and decon air monitoring | | | | |
| 1. Finish cleaning Broadway | | | | |
| 2. Finish removing totes from LSA and prep for disposal | | | | |
| 3. Remove silt from LMRC between railroad and Broadway/unplug culvert | | | | |
| 4. Reseed USACE property along the LRMC - (Casey Anderson) contractor | | | | |
| 5. Continue to transfer liquid from frac tanks for offsite disposal | | | | |
| 6. Continue frac tank decon operations | | | | |
| | | | | |
| | | | | |
| Resources Required | | | | |
| Resource Identifier | Leader | # of Units | Contact | Notes |
| Technician | Armondo Gonzalez | 15 | 713-203-3762 | |
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| | | | | |
| Assignment Progress and Issues | | | | |
| Developed frac tank decon plan (IH and Safety) | | | | |
| Underway and ongoing. | | | | |
| Location of Work | | | | |
| Along relief canal from north of Broadway to south of facility and frac tank staging area. | | | | |

ICS 204 - Assignment List

| | | | |
|--------------|---|-------------------|--|
| Incident: | 106460 Garner(14N0114CA) Red River Supply | Period: | #23: 08/23 19:00 - 08/25 19:00 |
| Branch: | HAZMAT | Division / Group: | COMMUNITY AIR MONITORING/ ENVIRONMENTAL |
| Prepared By: | Peter Foreman | Version Name: | 08/23/2014 15:34 CDT |
| Unit: | | | |

Tactical Objective

Air monitoring, environmental sampling, industrial hygiene, data collection, and waste tracking.

Assignments

1. Real-time air quality monitoring in the surrounding community
2. Waste disposal coordination
3. Soil, sediment, surface water, groundwater, and waste sampling as needed
4. Post excavation sampling
5. Personal air sampling for silica
6. Perimeter monitoring for silica as debris are removed from site
7. Perimeter monitoring for hydrogen sulfide during frac tank transfer operations

Resources Required

| Resource Identifier | Leader | # of Units | Contact | Notes |
|---------------------|-----------|------------|--------------|-------|
| CTEH Personnel | JT Wilson | 7 | 501-366-7971 | |
| | | | | |
| | | | | |
| | | | | |
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Assignment Progress and Issues

Underway and ongoing.

Location of Work

Burn area, contamination reduction zone, logistics staging area, Little Muddy Relief Channel, and the surrounding community.

ICS 204 - Assignment List

| | | | |
|--------------|---|-------------------|--------------------------------|
| Incident: | 106460 Garner(14N0114CA) Red River Supply | Period: | #23: 08/23 19:00 - 08/25 19:00 |
| Branch: | PLANNING | Division / Group: | OFF-SITE SUPPORT |
| Prepared By: | Peter Foreman | Version Name: | 08/23/2014 15:34 CDT |
| Unit: | | | |

Tactical Objective

Provide planning, logistics, data analysis and dissimination, and support off-site.

Assignments

1. Inventory and maintain supplies for operations
2. Plan operations
3. Develop daily JHAs
4. Track equipment, personnel, and time
5. Traffic control
6. Manage, analyze, and present data collected from HAZMAT and air/environmental operations
7. Demob equipment and personnel

Resources Required

| Resource Identifier | Leader | # of Units | Contact | Notes |
|---------------------|-----------------|------------|--------------|-------|
| Support Personnel | Clyde McKissack | 10 | 713-823-7648 | |
| | | | | |
| | | | | |
| | | | | |
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Assignment Progress and Issues

Underway and ongoing.

Location of Work

Logistics staging area.

ICS 205: Communication Plan

| | |
|---|------------------------------------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | Prepared By: Peter Foreman |
| Period: #23: 08/23 19:00 - 08/25 19:00 | Version Name: 08/23/2014 15:34 CDT |

Radio Listings

| Zone Grp. | Ch # | Function | Channel Name / Trunked Radio System Talkgroup | Assignment | RX Freq N or W | RX Tone / NAC | TX Freq N or W | TX Tone / NAC | Mode (A, D or M) | Remarks |
|-----------|------|---------------|---|--------------------|----------------|---------------|----------------|---------------|------------------|---------|
| | 1 | Command | VHF | Command Safety | | | | | | |
| | 2 | Hazmat | VHF | HAZMAT | | | | | | |
| | 3 | Operations | VHF | Ground Ops | | | | | | |
| | 4 | Traffic | VHF | Traffic | | | | | | |
| | 5 | Environmental | VHF | Environmental CTEH | | | | | | |

Phone Listings

| Name | Title | Phone | Radio | Email | Other |
|-------------------|---------------------------------|--------------|-------------------------------------|-------|-------|
| Armondo Gonzalez | Operations Chief | 713-203-3762 | <input checked="" type="checkbox"/> | | |
| Casey Anderson | Logistics Chief | 701-577-1200 | <input checked="" type="checkbox"/> | | |
| Chris Robertson | North Dakota Dept. of Heath | 701-391-0982 | <input type="checkbox"/> | | |
| Clyde McKissack | Operations Chief | 713-823-7648 | <input checked="" type="checkbox"/> | | |
| Cole Ledbetter | Industrial Hygiene | 501-337-2900 | <input checked="" type="checkbox"/> | | |
| Don Warren | HAZMAT | 601-278-7814 | <input checked="" type="checkbox"/> | | |
| Dr. David Cawthon | Toxicologist | 501-366-1505 | <input type="checkbox"/> | | |
| Henry Rocha | Safety Officer | 281-303-9724 | <input checked="" type="checkbox"/> | | |
| JT Willson | Environmental/Air | 501-366-7971 | <input checked="" type="checkbox"/> | | |
| Lori Woods | Finance/Admin Chief | 281-330-6075 | <input type="checkbox"/> | | |
| Mike Crocker | Public Information | | <input type="checkbox"/> | | |
| Paul Peronard | EPA Region 8 OSC | 303-886-1638 | <input type="checkbox"/> | | |
| Scott Kluska | Waste Management/Planning Chief | 908-399-8875 | <input checked="" type="checkbox"/> | | |
| Scott Skelton | Industrial Hygiene | 501-952-9621 | <input checked="" type="checkbox"/> | | |
| Timothy Gouger | US Army Corp of Engineers | 402-885-0655 | <input type="checkbox"/> | | |
| Travis Reece | Staging Officer | 713-823-0535 | <input type="checkbox"/> | | |

Additional Comments

ICS 206: Medical Plan

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|---|------------------------------------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | Prepared By: Tom Dickey |
| Period: #23: 08/23 19:00 - 08/25 19:00 | Version Name: 08/23/2014 15:34 CDT |

First Aid Stations

| Name | Location | EMT On Site | Phone | Radio |
|------|----------------------------------|----------------|-------|-------|
| LSA | North of job site in green barn. | Yes | | CH. 1 |
| IES | Next to personnel decon | Yes | | CH. 1 |
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Transportation (Ground and/or Air Ambulance Services)

| Name | Location | Paramedics | Phone | Radio |
|---------------------------|-----------|------------|-------|-------|
| Williston Fire Department | Williston | Yes | 911 | |
| Mercy Medical Center | Williston | Yes | 911 | |
| | | | | |
| | | | | |

Hospitals

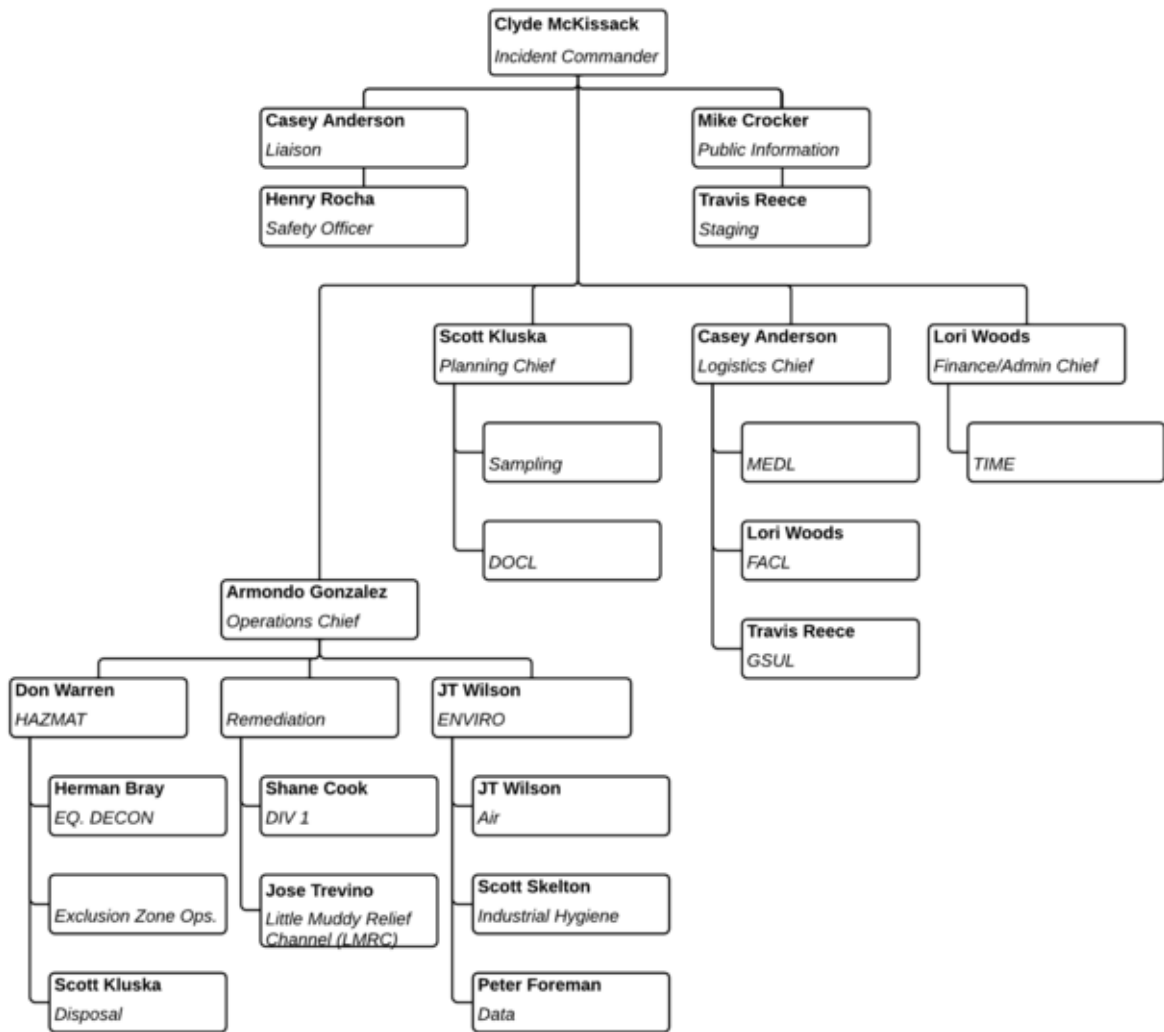
| Name | Location | Burn Center | Helipad | Phone | Radio |
|-----------|--------------------------------------|----------------|---------|---------|-------|
| Fairlight | 3 4th Street E., Williston, ND 58801 | No | No | 5779255 | |
| Mercy | 1301 15th Ave W, Williston, ND | Yes | Yes | 7747400 | |
| | | | | | |
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Special Medical Emergency Procedures

All medical issues should be immediately reported to the LS. If a situation involves loss of limb, eyesight, or life, contact 911 first. Render any appropriate first aid as necessary. On site Emergency Medical Technicians should be notified.

ICS 207: Organizational Chart

| | |
|---|------------------------------------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | Prepared By: Peter Foreman |
| Period: #23: 08/23 19:00 - 08/25 19:00 | Version Name: 08/23/2014 15:34 CDT |



SAFETY MESSAGE/PLAN (ICS 208)

| | | | |
|--|-------------------------------|---|-------------------------------------|
| 1. Incident Name: 14N0114CA Red River Supply | 2. Operational Period: | Date From: 8/23/2014 Time From: 1900 | Date To: 8/25/2014 Time To: 1900 |
| 3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan: Inspect all equipment and PPE prior to Use. HYDRATE HYDRATE HYDRATE drink plenty of fluids while at the site but also continue to do so after hours. Remember to drink at least three (3) water to each sports drink (Gatorade) Know the limits of your body. Don't be afraid to admit it when you hit those limits. NEVER approach heavy equipment without the operators authorization, Operators—ALWAYS place equipment in park or neutral, brake on and safety mechanisms engaged. If PPE becomes torn, ripped or compromised exit work area and replace it. Properly decon when leaving work zones, boots should be clean and free of contamination. Inspect yourself before leaving decon. If any contamination gets on somones skin, please, use soap and water and wash off as soon as possible. Avoid taking the easy route, taking chances, circumventing established safety measures. PPE maybe adjusted based on various site conditions. These adjustments could be task specific and may only be for a short period of time. Adhere to the designated PPE levels for their assigned areas. All personnel that have the possibility of wearing a respirator must be clean shaven. Utilize the Bean Road driveway to access the North end of the LSA property and park on the East side where the fresh rock has been placed down. Widen the driveway at Bean Road access. Know your body's limits and work with those limits. Use the buddy system for lifting and moving objects over 50 lbs. If possible use a piece of heavy equipment. The most important area on the project, the 6" between your ears. Urine Color Chart to help identify levels of hydration. | | | |

| | | | | | |
|--|---|--------------------------------|--|--------------------------------|------------------|
| 1. Incident Name: 14N0114CA Red River Supply | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">2. Operational Period:</td> <td style="width: 50%; border: none;"> Date From: 8/23/2014 Date To: 8/25/2014 Time From: 1900 Time To: 1900 </td> </tr> </table> | 2. Operational Period: | Date From: 8/23/2014 Date To: 8/25/2014 Time From: 1900 Time To: 1900 | | |
| 2. Operational Period: | Date From: 8/23/2014 Date To: 8/25/2014 Time From: 1900 Time To: 1900 | | | | |
| <p>Keep the rehab area at the CRZ clean. Pick up trash. Do not leave drink bottles sitting around. Keep respirators bagged at all times. Never leave your respirator sitting somewhere on the ground, etc.</p> <p>Keep port-o-lets clean, keep lids closed. Stay alert for insect like spiders, etc.</p> <p>Housekeeping-keep all work areas clean, Pick Up tools / supplies / ppe and place in storage or trash. Keep LSA Clean.</p> <p>See the most recent boundary map for identification of Exclusion Zone/respiratory eq. required area, CRZ, Decon and Support areas.</p> <p>Adhere to the designated PPE levels for their assigned areas.</p> <p>Secure all loads on trucks, hitches, etc. before traveling.</p> <p>Re-visit proper donning and doffing of PPE (taping off, inner & outer gloves, tucked in vs untucked)</p> <p>See the Chemical Inventory, Chemical Safety Plan and SDS's for specific chemical hazard information</p> <p>See JSAs for detailed task, hazards and protective measures associated with those tasks.</p> <p>Continue to hydrate. Drink water on a regular basis. Ration of Water to Gatorade is 4-to-1.</p> <p>Never work directly downwind of a dust plume without respiratory protection and real time air monitoring.</p> <p>No PPE, such as booties, gloves, tyveks, respirators in the LSA or in the port-o-johns.</p> <p>Separate domestic/cold trash (water bottles, lunch bags, etc.) from PPE/hot trash. Mark the designated trash containers as such.</p> <p>All near misses, accidents, first aids, property damages, etc. need to be reported to Incident H&S.</p> <p>Stop Work Authority: Anyone on site has the authority to stop work for an unsafe act or situation.</p> | | | | | |
| 4. Site Safety Plan Required? Yes <input type="checkbox"/> No <input type="checkbox"/> Approved Site Safety Plan(s) Located At: | | | | | |
| <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">5. Prepared by:</td> <td style="width: 30%;">Name: Henry Rocha</td> <td style="width: 30%;">Position/Title: Safety Officer</td> <td style="width: 20%;">Signature: _____</td> </tr> </table> | | 5. Prepared by: | Name: Henry Rocha | Position/Title: Safety Officer | Signature: _____ |
| 5. Prepared by: | Name: Henry Rocha | Position/Title: Safety Officer | Signature: _____ | | |
| ICS 208 | IAP Page | Date/Time: 8/23/2014 2:00 PM | | | |

| ICS 230: Daily Meeting Schedule | | | | |
|---|----------------------|-----------------------------|--|----------|
| Incident: 106460 Garner(14N0114CA) Red River Supply | | | Prepared By: Peter Foreman | |
| Period: #23: 08/23 19:00 - 08/25 19:00 | | | Version Name: 08/23/2014 15:34 CDT | |
| Meetings | | | | |
| Meeting Name | Date / Time | Purpose | Attendees | Location |
| Safety Briefing (Nights) | 08/23/2014 19:00 CDT | Night shift safety briefing | All hands meeting (Night shift) | |
| Safety Briefing (Days) | 08/24/2014 07:00 CDT | Day shift safety briefing | All hands meeting (Day shift) | |
| Unified Command Briefing | 08/24/2014 08:00 CDT | Morning command meeting | Unified Command | |
| Planning Meeting | 08/24/2014 14:00 CDT | Planning next period IAP | Don Warren, Scott Kluska, Scott Skelton, JT Wilson, Peter Foreman, Clyde McKissack, Armondo Gonzalez | |
| Safety Briefing (Nights) | 08/24/2014 19:00 CDT | Night shift safety briefing | All hands meeting (Night shift) | |
| Safety Briefing (Days) | 08/25/2014 07:00 CDT | Day shift safety briefing | All hands meeting (Day shift) | |
| Unified Command Briefing | 08/25/2014 08:00 CDT | Morning command meeting | Unified Command | |
| Planning Meeting | 08/25/2014 14:00 CDT | Planning next period IAP | Don Warren, Scott Kluska, Scott Skelton, JT Wilson, Peter Foreman, Clyde McKissack, Armondo Gonzalez | |