

Operational Period #24
08/25 19:00 - 08/27 19:00

Incident Action Plan

Incident: 106460 Garner(14N0114CA) Red River Supply

Prepared By: Peter Foreman

Period: #24: 08/25 19:00 - 08/27 19:00

Version Name: P024V03

Approved By

Organization

Name

Signature

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: #24: 08/25 19:00 - 08/27 19:00

Version Name: 08/26/2014 07:42 CDT

Objective(s)

1. Worker safety
2. Public safety
3. Environmental conservation

Operational Period Command Emphasis

1. Take all items to equipment/debris decon
2. Vacuum truck used for liquid collection in area
3. Work Area air monitoring
4. Dust/particulate suppression
5. Continue to transport debris for offsite disposal
6. Inventory all items leaving site
7. Conduct decon of transport equipment as needed
8. Excavate 8 - 12" of soil from incident site and stockpile
9. Personal air sampling for silica as needed
10. Provide fueling Ops on equipment
11. Maintain self-dry personnel decon
12. Remove silt from LMRC between railroad and Broadway/unplug culvert
13. Reseed USACE property along the LRMC - (Casey Anderson) contractor
14. Continue to transfer liquid from frac tanks for offsite disposal
15. Continue frac tank decon operations
16. Perform frac tank transer and confined space entry air monitoring
17. Real-time air quality monitoring in the surrounding community
18. Waste disposal coordination
19. Soil, sediment, groundwater, and waste sampling as needed
20. Post excavation sampling
21. Perimeter monitoring for silica as debris are removed from site
22. Perimeter monitoring for hydrogen sulfide during frac tank transfer operations
23. Inventory and maintain supplies for operations
24. Plan operations
25. Develop daily site JHA
26. Track equipment, personnel, and time
27. Traffic control
28. Manage, analyze, and present data collected from HAZMAT and air/environmental operations
29. Demob equipment and personnel as necessary

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

Incident: 106460 Garner(14N0114CA) Red River Supply	Period: #24: 08/25 19:00 - 08/27 19:00
Branch: HAZMAT	Division / Group: EXCLUSION ZONE/DECON OPS
Prepared By: Peter Foreman	Version Name: 08/26/2014 07:43 CDT
Unit:	

Tactical Objective

Assignments

- Take all items to equipment/debris decon
- Vacuum truck used for liquid collection in area
- Work Area air monitoring
- 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 8 - 12" of soil from incident site and stockpile
- 5. Personal air sampling for silica as needed

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
HAZMAT Ops	Don Warren	6	601-278-7814	

Assignment Progress and Issues

Removed from site as of 8/24
 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 - 97 full trucks
 Underway and ongoing.

Location of Work

Operations in the burn area.

ICS 204 - Assignment List

Incident: 106460 Garner(14N0114CA) Red River Supply	Period: #24: 08/25 19:00 - 08/27 19:00
Branch: REMEDIATION	Division / Group: NON-EXCLUSION ZONE OPS
Prepared By: Peter Foreman	Version Name: 08/26/2014 07:43 CDT
Unit:	

Tactical Objective

Assignments

- Provide fueling Ops on equipment
- Maintain self-dry personnel decon
- 1. Remove silt from LMRC between railroad and Broadway/unplug culvert
- 2. Reseed USACE property along the LRMC - (Casey Anderson) contractor
- 3. Continue to transfer liquid from frac tanks for offsite disposal
- 4. Continue frac tank decon operations
- 5. Perform frac tank transer and confined space entry air monitoring

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Technician	Armondo Gonzalez	15	713-203-3762	

Assignment Progress and Issues

Developed frac tank decon plan (IH and Safety)
 140,000 gallons of fire supression water removed from site as of 8/24
 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: #24: 08/25 19:00 - 08/27 19:00
Branch: HAZMAT	Division / Group: COMMUNITY AIR MONITORING/ ENVIRONMENTAL
Prepared By: Peter Foreman	Version Name: 08/26/2014 07:43 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, groundwater, and waste sampling as needed
4. Post excavation sampling
5. Perimeter monitoring for silica as debris are removed from site
6. 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	

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: #24: 08/25 19:00 - 08/27 19:00
Branch: PLANNING	Division / Group: OFF-SITE SUPPORT
Prepared By: Peter Foreman	Version Name: 08/26/2014 07:43 CDT
Unit:	

Tactical Objective

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

Assignments

1. Inventory and maintain supplies for operations
2. Plan operations
3. Develop daily site JHA
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 as necessary

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Support Personnel	Clyde McKissack	10	713-823-7648	

Assignment Progress and Issues

Job specific JHAs combined into a single site JHA - effective 8/26 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: #24: 08/25 19:00 - 08/27 19:00	Version Name: 08/26/2014 07:43 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 Health	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

Incident: 106460 Garner(14N0114CA) Red River Supply	Prepared By: Tom Dickey
Period: #24: 08/25 19:00 - 08/27 19:00	Version Name: 08/26/2014 07:43 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

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	

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.

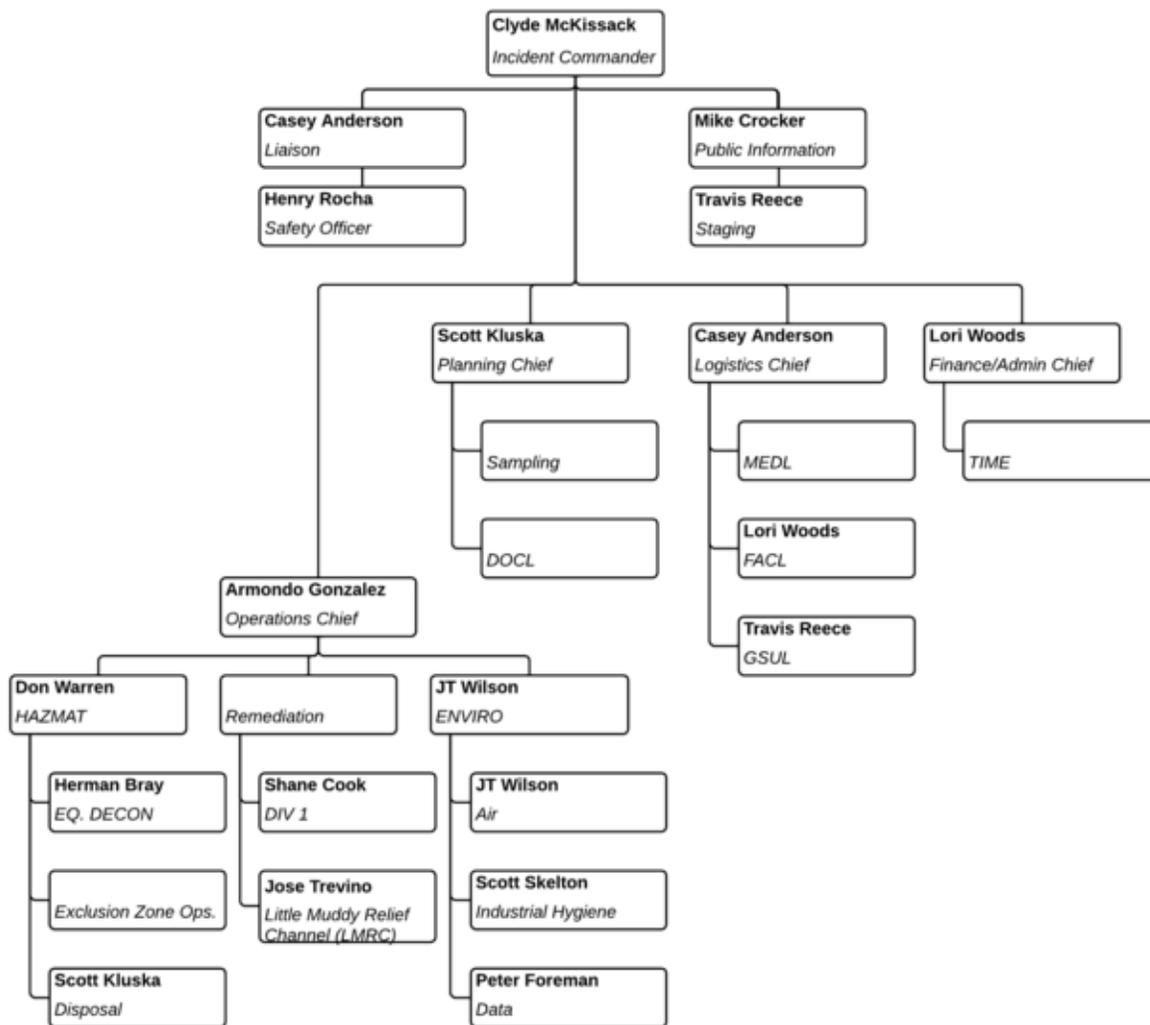
ICS 207: Organizational Chart

Incident: 106460 Garner(14N0114CA) Red River Supply

Prepared By: Peter Foreman

Period: #24: 08/25 19:00 - 08/27 19:00

Version Name: 08/25/2014 17:02 CDT



SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name: 14N0114CA Red River Supply	2. Operational Period:	Date From: 8/25/2014 Time From: 1900	Date To: 8/27/2014 Time To: 1900
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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	2. Operational Period:	Date From: 8/25/2014 Time From: 1900	Date To: 8/27/2014 Time To: 1900
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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.

Keep port-o-lets clean, keep lids closed. Stay alert for insect like spiders, etc.

Housekeeping-keep all work areas clean, Pick Up tools / supplies / ppe and place in storage or trash. Keep LSA Clean.

See the most recent boundary map for identification of Exclusion Zone/respiratory eq. required area, CRZ, Decon and Support areas.

Adhere to the designated PPE levels for their assigned areas.

Secure all loads on trucks, hitches, etc. before traveling.

Re-visit proper donning and doffing of PPE (taping off, inner & outer gloves, tucked in vs untucked)

See the Chemical Inventory, Chemical Safety Plan and SDS's for specific chemical hazard information

See JSAs for detailed task, hazards and protective measures associated with those tasks.

Continue to hydrate. Drink water on a regular basis. Ration of Water to Gatorade is 4-to-1.

Never work directly downwind of a dust plume without respiratory protection and real time air monitoring.

No PPE, such as booties, gloves, tyveks, respirators in the LSA or in the port-o-johns.

Separate domestic/cold trash (water bottles, lunch bags, etc.) from PPE/hot trash. Mark the designated trash containers as such.

All near misses, accidents, first aids, property damages, etc. need to be reported to Incident H&S.

Stop Work Authority: Anyone on site has the authority to stop work for an unsafe act or situation.

4. Site Safety Plan Required? Yes No
Approved Site Safety Plan(s) Located At:

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: #24: 08/25 19:00 - 08/27 19:00	Version Name: 08/25/2014 17:02 CDT

Meetings

Meeting Name	Date / Time	Purpose	Attendees	Location
Safety Briefing (Days)	08/26/2014 07:00 CDT	Day shift safety briefing	All hands meeting (Day shift)	
Unified Command Briefing	08/26/2014 08:00 CDT	Morning command meeting	Unified Command	
Planning Meeting	08/26/2014 14:00 CDT	Planning next period IAP	Don Warren, Scott Kluska, Scott Skelton, JT Wilson, Peter Foreman, Clyde McKissack, Armondo Gonzalez	
Safety Briefing (Days)	08/27/2014 07:00 CDT	Day shift safety briefing	All hands meeting (Day shift)	
Unified Command Briefing	08/27/2014 08:00 CDT	Morning command meeting	Unified Command	
Planning Meeting	08/27/2014 14:00 CDT	Planning next period IAP	Don Warren, Scott Kluska, Scott Skelton, JT Wilson, Peter Foreman, Clyde McKissack, Armondo Gonzalez	