

IAP Cover Sheet

FAC#: 449632

Doc#: 2226384

Date: 03-25-17

Version Name: Period 14 - Long Term Remediation

Incident Name: Rangely C-4

Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]

Approved By

Federal OSC:

State OSC:

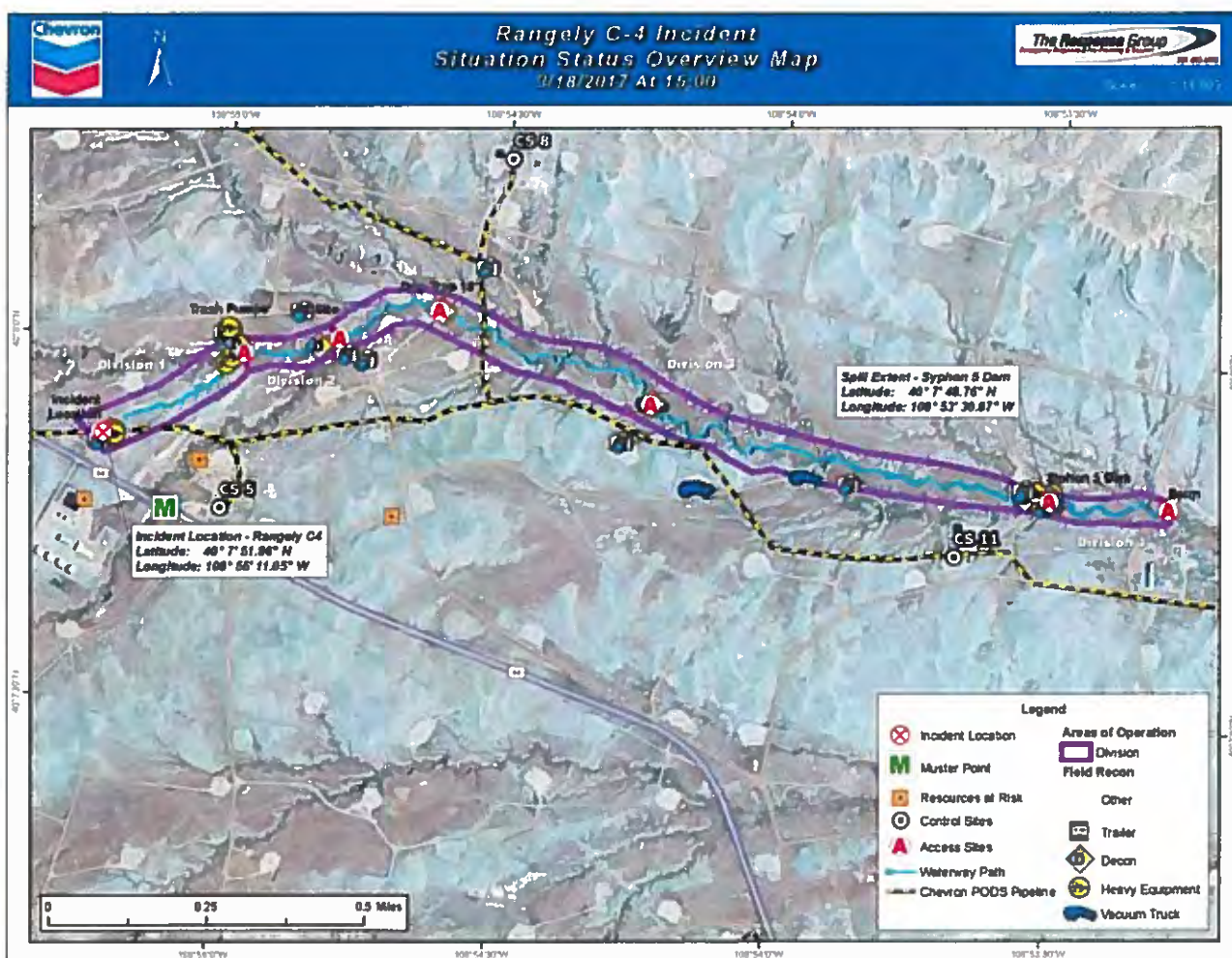
Incident Commander:

B. D. S. D. Deputy IC 3-24-17

Incident Action Plan

Notes

Period 14 Incident Action Plan - Long Term Remediation



IAP Cover Sheet

Prepared By Lindgren, Lance, Updated 03/24/2017 16:40 GMT -7:0 PP

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Period: Period 14 [03/25/17 07:00 - 04/24/17 07:00]

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ICS 202 - Incident Objectives		Version Name: Period 14 (Remediation Phase)	
Incident Name: Rangely C-4		Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]	
Objective(s)			
Keep Stakeholders Informed of project status			
Protection of public, work crews and the environment			
Minimize impact to wildlife			
Manage stormwater in all divisions to recover residual oil			
Identify priority areas for remediating impacted soils			
Effectively deploy passive remediation techniques (e.g. removable sorbents such as pom poms)			
Identify opportunities for early restoration of impacted habitat			
Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
ICS 202 - Incident Objectives		Prepared By Lindgren, Lance, Updated 03/24/2017 16:05 GMT -7:0 PP	
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ICS 202a - Command Direction		Version Name: Period 14	
Incident Name: Rangely C-4		Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]	
Priorities			
People (Life Safety)			
Environment (Protection)			
Assets			
Reputation			
Limitations and Constraints			
<ul style="list-style-type: none"> • Weather Conditions • Location of the Incident • Availability/shortfall of Resources • Transportation/Logistics • Support Infrastructure • Permits (Authorization to apply Alternate Response Techniques) • Wildlife activities (mammals, birds, etc.) • Access to Shoreline (Private vs Public Lands) • Spilled Material Characteristics (monitoring/PPE requirements) • Public Health • Community/Media Perception • Evidence Preservation • Delegation of Authority Limitations • Work/rest Rotation Requirements • Disposal of Waste • Jurisdictional Issues 			
Key Decisions and Procedures			
Key Decisions <ul style="list-style-type: none"> • Name of Incident = Rangely C-4 • Command Post – 100 Chevron Road, Rangely, CO • Operational Period & work hours - 7 Day (168 hour) operational period, Sunday 03/19 - Saturday 03/25, 12 Hour Shifts - 07:00 - 19:00 - 07:00 • All external releases of information should be approved by IC • Any resource request over \$100k should be approved by IC • Only pre-authorized individuals with special indicators are allowed to take photos. Absolutely no one else. 			
ICS 202a - Command Direction		Prepared By Lindgren, Lance, Updated 03/24/2017 16:41 GMT -7:0 PP	
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ICS 202b - Critical Information Requirements		Version Name: Period 14	
Incident Name: Rangely C-4		Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]	
<div>Incident Command Critical Threshold Reporting Criteria</div> <div>Injury or Death</div> <div>- OSHA/Greater than 1st Aid through Safety Officer</div> <div>Significant change of status of the source</div> <div>Any incidents within the incident</div> <div>Public health impacts</div> <div>Shoreline Oiling/Impact</div> <div>Impacted sensitive areas beyond protection/Any change to trajectories</div> <div>Loss of major tactical resources</div> <div>Unplanned VIP visits en-route/planning/arriving</div> <div>Adverse protest plans or interview requests</div> <div>Adverse political/influence</div> <div>Confirmed wildlife impacts</div> <div>Loss or breach of containment</div> <div>Special requests from agencies</div>			
ICS 202b - Critical Information Requirements		Prepared By Lindgren, Lance, Updated 03/24/2017 16:44 GMT -7:0 PP	
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ICS 204 - Assignment List			Area Of Operation: Weekend Assessment TF	
Incident Name: Rangely C-4			Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section		Chevron Pipe Line	801-598-6052	
Operations Section Deputy				
Operations Section		Chevron Pipe Line	385-242-5659	
Operations Section Chief	Kenney, John (JC)	Chevron Pipe Line	970-629-1637	
General Remediation Group Supervisor	Nielsen, Joseph	Chevron Pipe Line	970-640-4154	
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Weekend Assessment TF	Manpower: Responder	Manpower: Responder	1	
Weekend Assessment TF	Pickup Truck	Pickup Truck	1	
Assignments				
One person will visually inspect/assess site for signs of stormwater due to rain event. Implement protection strategies as needed to mitigate oil seepage.				
Special Site-Specific Safety Considerations				
<ul style="list-style-type: none"> • Entry into ravine areas must be conducted only when a spotter is available, has appropriate communication devices, and is in place to monitor work members (line-of-sight confirmed). • Collected stormwater in each catchment basin will be monitored and removed as soon as it is confirmed safe to proceed with vacuum trucks. OSC will be the owner of this action. • Any wildlife impacts will be immediately reported to the acting EUL, IC and appropriate agency. • Decontamination of all equipment will occur as warranted. 				
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ICS 204 - Assignment List		Area Of Operation: General Remediation Group	
Incident Name: Rangely C-4		Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]	
Assignments			
<p>C. Period 14 Weekly Task Summary:</p> <p>1. Every Monday, SCAT team will perform a site impact assessment to include:</p> <p>a. Marking actionable remediation spots with pin flags</p> <p>b. Provide recommendations for replacement of sorbents where applicable</p> <p>c. Develop a weekly site impact assessment report due each Tuesday morning for OSC</p> <p>2. Operations will develop ICS-204 forms and execute actions when available from operations site walks, SCAT documents, and recommendations by UC staff</p> <p>3. UC will develop daily SIT reports from:</p> <p>a. SCAT team site impact assessment</p> <p>b. Daily and/or weekly tasks conducted by operations</p> <p>c. Site walks by operations</p> <p>d. Other: important findings or interim planned activities (soil sampling, etc.)</p> <p>4. EUL will execute environmental plans submitted and approved by UC. Work scopes in these plans will be transferred into ICS-204 forms.</p> <p>D. General Remediation Guidelines:</p> <p>1. Impacted soil removal</p> <p>a. Remove impacted or stained soil using hand shovel by scrapping the soil around this area down to no more than 2-6 inches. If soil is still stained at a depth greater than 6," further delineate horizontally as required. These areas will be marked by GPS and recorded in the IAP maps. Work crews should investigate and document the surrounding area for extent of impacted soil and present results in the daily meeting(s). For each area with impacts greater than 6," 5 cubic yards may be removed per the discretion of the OSC for soils heavily impacted.</p> <p>b. OSC will determine the proper equipment to excavate impacted areas and resources may include:</p> <p>i. Mini Excavator</p> <p>ii. Skid Steer</p> <p>iii. Back hoe</p> <p>c. Impacted soils will be transferred to Chevron land farm and manifests will be recorded for each load.</p> <p>2. Sorbent Material Replacement</p> <p>a. Remove spent sorbent materials and place in double bags taped shut</p> <p>i. Haul bags and dispose of in roll-off at Rangely Station</p> <p>b. Scrape up any stained soil with shovel and place in bucket or sled</p> <p>i. Haul collected soil to land farm for disposal document amount on ticket</p> <p>c. Install new Pom-poms at required locations and document the date installed. Installation of new resources should be added to the weekly report.</p> <p>3. Activated Carbon</p> <p>a. Inspect activated carbon bags to ensure these bags are in the stormwater path and are not covered with sand/silt.</p> <p>b. Document status through pictures that are shared once per week with the UC.</p> <p>E. Additional remediation activities that may occur during Period 14: (dependent on site conditions)</p> <p>1. Tilling Impacted Soils:</p> <p>a. Develop a tilling plan that delineates the area and depth</p> <p>b. Once tilling is initiated; progress as a percent complete (%) will be communicated during daily or weekly UC meetings</p> <p>2. Bentonite Liner for Siphon V:</p> <p>a. Develop a liner plan for siphon V</p> <p>b. Ensure soils meet COGCC standards before lining</p> <p>3. Division I and II: Dry Drainage Contour:</p> <p>a. Survey Division I and II and develop a contour plan for the dry drainage feature.</p> <p>b. Engage and obtain agreement with BLM on contour plan.</p> <p>c. Ensure soils meet COGCC standards before further soil management is conducted.</p> <p>4. Future Sampling Plan for Confirming Remediation Standards are met.</p> <p>a. Reference the EUL's Response and Remediation Plan</p> <p>5. Delineate Division III into three to four segments</p>			
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ICS 204 - Assignment List		Area Of Operation: General Remediation Group	
Incident Name: Rangely C-4		Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]	
<i>Special Site-Specific Safety Considerations</i>			
<ul style="list-style-type: none"> • Entry into ravine areas must be conducted only when a spotter is available, has appropriate communication devices, and is in place to monitor work members (line-of-sight confirmed). • Collected stormwater in each catchment basin will be monitored and removed as soon as it is confirmed safe to proceed with vacuum trucks. OSC will be the owner of this action. • Any wildlife impacts will be immediately reported to the acting EUL, IC and appropriate agency. • Decontamination of all equipment will occur as warranted. 			
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ICS 204 - Assignment List			Area Of Operation: SCAT Group	
Incident Name: Rangely C-4			Period: Period 14 [03/25/2017 07:00 - 04/24/2017 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section		Chevron Pipe Line	801-598-6052	
Operations Section Deputy				
Operations Section		Chevron Pipe Line	385-242-5659	
Operations Section Chief	Kenney, John (JC)	Chevron Pipe Line	970-629-1637	
Environmental Unit Leader	Marshall, Gretsel	Chevron Pipe Line	801-589-8896	
SCAT Group Supervisor				
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
SCAT Group	Manpower: Responder	Manpower: Responder	2	
SCAT Group	Pickup Truck	Pickup Truck	1	
Assignments				
<p>1. Every Monday, SCAT team will perform a site impact assessment to include:</p> <ul style="list-style-type: none"> a. Marking actionable remediation spots with pin flags b. Provide recommendations for replacement of sorbents where applicable c. Develop a weekly site impact assessment report due each Tuesday morning for OSC <p>2. Operations will develop ICS-204 forms and execute actions when available from operations site walks, SCAT documents, and recommendations by UC staff</p> <p>3. UC will develop daily SIT reports from:</p> <ul style="list-style-type: none"> a. SCAT team site impact assessment b. Daily and/or weekly tasks conducted by operations c. Site walks by operations d. Other: important findings or interim planned activities (soil sampling, etc.) <p>4. EUL will execute environmental plans submitted and approved by UC. Work scopes in these plans will be transferred into ICS-204 forms.</p>				
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