



Field Form – Observations and Sampling

RATIONALE

Collect clearance/characterization soil samples to support vault removal.

GENERAL INFORMATION

Facility name: Grant Brothers 32-26	Lat/Long: 40.116484, -104.967713	
Date: 4/23/2020	Time onsite: 10:56 am	PLSS:
Apex staff onsite: Sage Maher	Facility/Location ID: 333136	
Client personnel onsite: Dan Holcombe	RC #:	
Subcontractor(s) onsite: NG	Weather: 60's and sunny	
Equipment being decommissioned, replaced, or no changes? Decommissioned		
<i>Additional Information:</i> Landowner's environmental representative was also present on site (Tom G.)		

RELEASE CHARACTERIZATION

Has a release been identified? No	In containment?
Historic or recent release?	Release date:
Discovery date:	Equipment type:
Material released:	Amount released:
Cause of release:	Impacted Media:
How was release discovered?	
Is there evidence that material has discharged from the facility's boundaries?	
Is there evidence that the released material has reached State waters?	
<i>Additional Information:</i>	

LAND-USE CHARACTERISTICS

Land use: Idle Field	Predominant soil type: Olney Fine Sandy Loam	
Depth to groundwater (feet BGS): ~30	Number of water wells within ½ mile radius: 7	
Nearest surface water feature, distance & direction (feet): Unnamed stream; 400' W		
If less than 1 mile, distance to nearest:		
Water Well: 960' N	Surface Water: 400' W	Wetland: 400' W
Livestock: none	Springs: none	Occupied Building: 430' NE
<i>Additional Information:</i>		

RECOVERY DETAILS

Soil

Amount Removed:	Disposal Facility:
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Groundwater

Amount Removed: None	Disposal Facility:
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Slurry

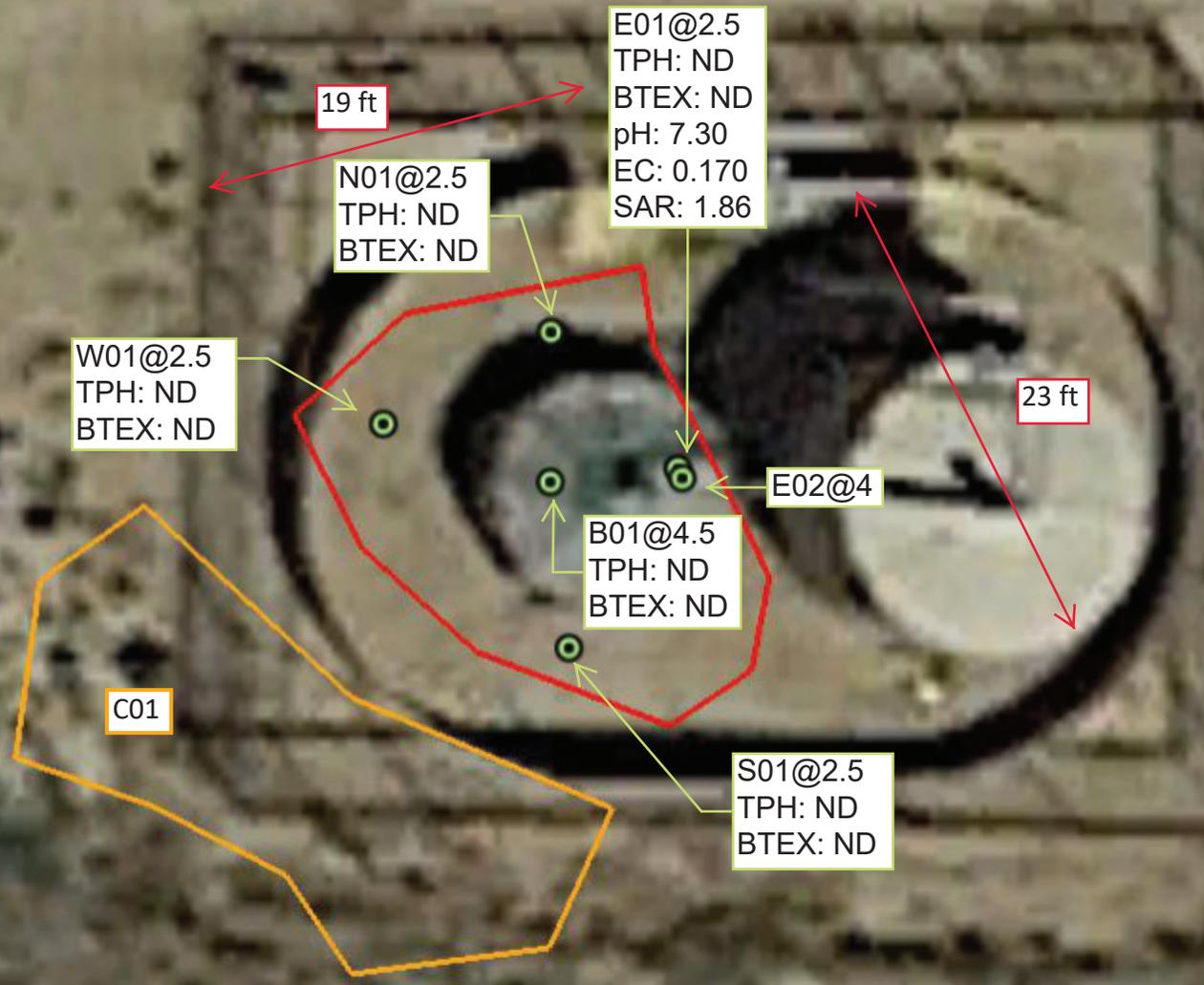
Amount Removed: None	Disposal Facility:
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Additional Information:

No soil has been removed from the site related to the produced-water vessel removal.



GRANT-62N68W 26SWNE
(Location ID: 333136)
"Grant Brothers 32-26"



Summit Scientific

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 Fax

Client: APEX Companies, LLC
Address: 1746 Cole Blvd. Suite 250
City/State/Zip: Lakewood, Colorado 80101
Phone: 720-501-5065
Sampler Name: Sage Maher

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Project Manager: Maggie Graham 720-501-5065; 907-538-7699c MaggieGraham@ApexCos.com
E-Mail: DenverRemediation@ApexCos.com schuyler.hamilton@CrestonePR.com
Project Name: Grant Brothers 32-26 christopher.riec@CrestonePR.com
Project Number: 125.2001.01-333136

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analyze For:						Special Instructions		
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GBTEX	TPH-DRO	PH	EC	SAR		HOW	
B01@2.5	4/23/20	1105	1			X			X			X	X						Call Maggie Graham with questions *Please note extra email addresses above*
N01@2.5		1107										X	X						
E01@2.5		1110										X	X	X	X				
E02@4		1112															X		
S01@2.5		1114										X	X						
W01@2.5		1120										X	X						
C01		1122															X		
Relinquished by: <i>Grant</i>		Date/Time: 4/23/20 1334	Received by: <i>[Signature]</i>		Date/Time: 4-23-2020 1334	Turn Around Time (Check)			Notes										
Relinquished by:		Date/Time:	Received by:		Date/Time:	Same Day	<input type="checkbox"/>	72 Hours	<input type="checkbox"/>	Circle applicable regulatory agency: COGCC / CDPHE Client Name: CPR									
Relinquished by:		Date/Time:	Received in Lab by:		Date/Time:	24 Hours	<input type="checkbox"/>	Standard	<input checked="" type="checkbox"/>										
Relinquished by:		Date/Time:	Received in Lab by:		Date/Time:	48 Hours	<input type="checkbox"/>	Sample Integrity:	Temperature Upon Receipt: 7.5°										
						Intact:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>											



Description:

North sidewall and base



Description:

West sidewall



Description:

South sidewall



Description:

East sidewall



Description:

Stockpile



Laboratory Results Summary Table - Soil Grant Brothers 32-26

			Organics (mg/kg)					(mmhos/cm)	Units	(pH Units)
COGCC Allowable Concentration (Soil) -->			500	0.17	85	100	175	4	12	(6-9)
Location	Sample Date	Sample ID	TPH (total volatile and extractable petroleum hydrocarbons) (TPH-GRO + TPH-DRO)	Benzene	Toluene	Ethylbenzene	Xylenes - total	EC (Specific Conductance) (<4 mmhos/cm or 2x background)	SAR (Sodium Adsorption Ratio) (calculation)	pH
Grant Brothers 32-26	4/23/20	B01@4.5	<50	<0.0020	<0.0050	<0.0050	<0.010	NA	NA	NA
Grant Brothers 32-26	4/23/20	N01@2.5	<50	<0.0020	<0.0050	<0.0050	<0.010	NA	NA	NA
Grant Brothers 32-26	4/23/20	E01@2.5	<50	<0.0020	<0.0050	<0.0050	<0.010	0.170	1.86	7.30
Grant Brothers 32-26	4/23/20	S01@2.5	<50	<0.0020	<0.0050	<0.0050	<0.010	NA	NA	NA
Grant Brothers 32-26	4/23/20	W01@2.5	<50	<0.0020	<0.0050	<0.0050	<0.010	NA	NA	NA