



Field Form – Observations and Sampling

RATIONALE

Collect characterization soil samples to support vault removal.

GENERAL INFORMATION

Facility name: Allan H Unit	Lat/Long: 40.062024°, -105.070864°	
Date: 8/5/2020	Time onsite: 11:28 am	PLSS:
Apex staff onsite: Sage Maher	Facility/Location ID: 336138	
Client personnel onsite: None	RC #:	
Subcontractor(s) onsite: NG	Weather: 80's and sunny	
Equipment being decommissioned, replaced, or no changes? Decommissioned		
<i>Additional Information:</i>		

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: Cropland	Predominant soil type: Ascalon sandy loam	
Depth to groundwater (feet BGS): 10	Number of water wells within ½ mile radius: 13	
Nearest surface water feature, distance & direction (feet): Unnamed ditch 990' NW		
If less than 1 mile, distance to nearest:		
Water Well: 970' SW	Surface Water: 990' NW	Wetland: 990' NW
Livestock: none	Springs: none	Occupied Building: 590' E
<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.

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SOIL SAMPLE COLLECTION INFORMATION

PID Calibration		Date:	Time:	Gas:				
Sample ID	Time	PID (ppm)	Staining?	Odor?	GBTEX8260C, DRO - 8015C	EC, pH, SAR	Hold	Other
B01@4	1132	0.0	No	No	X			
N01@2	1134	0.1	No	No			X	
W01@2	1135	0.1	No	No			X	
S01@2	1137	0.2	No	No	X	X		
E01@2	1139	0.2	No	No			X	
C01	1140	0.1	No	No			X	
<i>Additional Information:</i>								

GENERAL NOTES

This was the first site visit to the Allan H Unit battery. The excavation was approximately 17' x 14' x 4' bgs. No odor or staining were noted in the excavation. One base sample was collected at 4' bgs, four sidewall samples were collected at 2' bgs, and one composite stockpile sample was collected. All samples were field screened. The base sample (B01@4) and one of the highest PID sidewall samples (S01@2) were submitted for to Summit Labs for laboratory analysis of GBTEX + TPH- DRO on standard turn. The sidewall sample was also submitted for inorganics analysis. The remaining samples were submitted on hold.

SAMPLING CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Environmental Sampler (*Name and Company*)

SIGNATURE

Date:

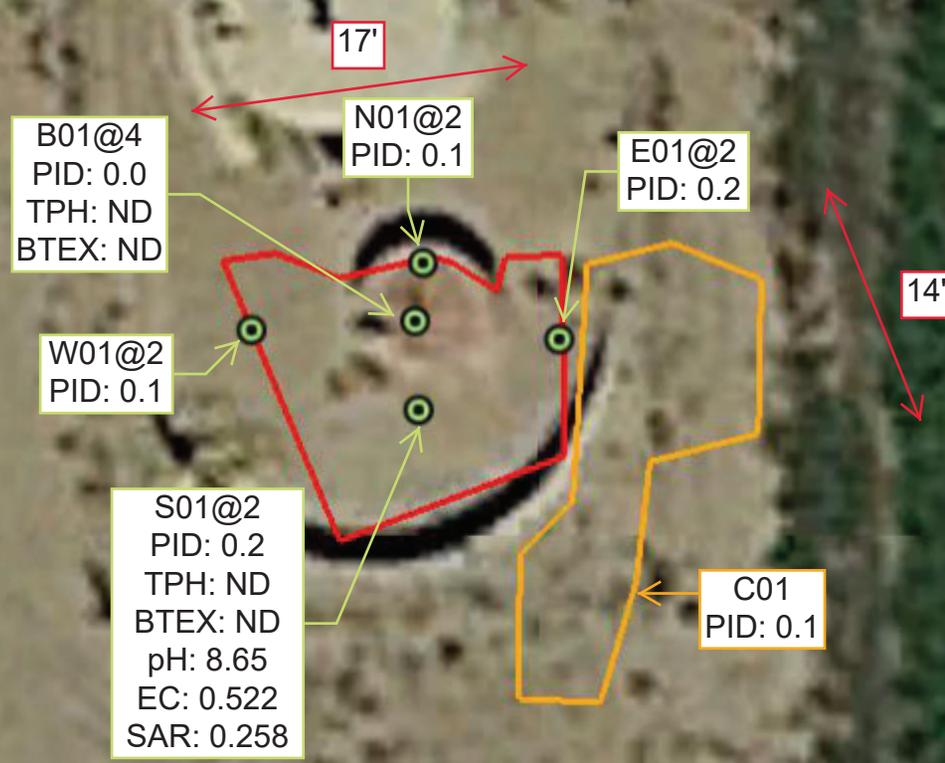
Sage Maher, APEX Companies LLC.



8/6/2020



**ALLAN H UNIT-61N69W
12SWSW
(Location ID: 336138)
"Allan H Unit"**





Laboratory Results Summary Table - Soil Allan H Unit

Location	Sample Date	Sample ID	Organics (mg/kg [ppm])					Inorganics		
			TPH (total volatile and extractable petroleum hydrocarbons) (TPH-GRO + TPH-DRO) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes - total (mg/kg)	EC (Specific Conductance) (<4 mmhos/cm or 2x background) (mmhos/cm)	SAR (Sodium Adsorption Ratio) (calculation)	pH (pH Units)
DGCC Allowable Concentration (Soil) -->			500	0.17	85	100	175	4	12	(6-9)
Allan H Unit	8/5/2020	B01@4	<50	<0.0020	<0.0050	<0.0050	<0.010	NA	NA	NA
Allan H Unit	8/5/2020	S01@2	<50	<0.0020	<0.0050	<0.0050	<0.010	0.522	0.258	8.65