

Tank Battery
Attachment B



TANK BATTERY DECOMMISSIONING FORM

SITE NAME: Larson Farms 3, 4, 5, 6, 7-24 Tank Battery (Page 1)							DATE: 8/4/2021	REM. PROJECT #: 18720	WEATHER: 60's Rainy		
SITE DIRECTIONS: CR5/HWY392, 0.75 mi E, 0.5 mi SW into							CLIENT: PDC - Delbert Pace				
LEGALS AND LAT/LONG: 40.470977, -104.499144							TASMAN PERSONNEL: Jesse Marcus				
SOIL TYPES: Silty Clay							SURFACE GRADIENT: Northeast				
SOIL SAMPLING							FACILITY INFRASTRUCTURE				
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity		
							Above Ground Storage Tank (AST)		7		
8/4/2021 09:33	PWV01-B@5', SS01@5'	1576	No Staining	HC Odor	Yes	Lab	Buried or Partially Buried Vessel		3		
8/4/2021 10:00	N	603	No Staining	No Odor	No	Grab	Separator		5		
8/4/2021 10:04	W	0.0	No Staining	No Odor	No	Grab	Emission Control Device (ECD)		4		
8/4/2021 10:07	S	10.1	No Staining	No Odor	No	Grab	Dump Line				
8/4/2021 10:11	E	0.8	No Staining	No Odor	No	Grab	Wellhead				
8/4/2021 10:15	WDL	10.1	No Staining	No Odor	No	Grab	Flowline				
8/4/2021 09:35	PWV02-B@5', S01@5'	123.9	No Staining	HC Odor	No	Grab	Other:				
8/4/2021 09:55	N@5	12.1	No Staining	Slight HC Odor	No	Grab	Soil Loads Removed				
8/4/2021 09:57	W@5	3.2	No Staining	No Odor	No	Grab	IMPACTED SOIL IDENTIFIED? Yes				
8/4/2021 09:58	S@5	1.5	No Staining	No Odor	No	Grab	ESTIMATED VOLUME OF IMPACTS:				
8/4/2021 09:59	E@5	1.0	No Staining	No Odor	No	Grab	Date	Number	CY		
8/4/2021 09:56	WDL@5'	1.5	No Staining	No Odor	Yes	Grab	8/4/2021	4	40		
8/4/2021 10:46	PWV03-B@5'	1.6	No Staining	No Odor	Yes	Lab	8/4/2021	2	20		
8/4/2021 10:47	PWV03-N@2.5'	0.5	No Staining	No Odor	Yes	On-Hold					
8/4/2021 10:48	PWV03-W@2.5'	2.1	No Staining	No Odor	Yes	Lab					
8/4/2021 10:49	PWV03-S@2.5'	0.8	No Staining	No Odor	Yes	On-Hold	Total Removed		6	60	
8/4/2021 10:50	PWV03-E@2.5'	0.4	No Staining	No Odor	Yes	On-Hold	Disposal Facility: WM - Ault				
8/4/2021 10:51	WDL03@4'	0.2	No Staining	No Odor	Yes	Grab	Groundwater Recovery				
8/4/2021 09:40	ECD01 @ 0-6"	0.0	No Staining	No Odor	Yes	Grab	DATE GW ENCOUNTERED:			DEPTH:	
8/4/2021 09:41	ECD02 @ 0-6"	0.0	No Staining	No Odor	Yes	Grab	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?				
8/4/2021 09:42	ECD03 @ 0-6"	0.0	No Staining	No Odor	Yes	Grab					
8/4/2021 09:43	ECD04 @ 0-6"	0.0	No Staining	No Odor	Yes	Grab	LNAPL OR SHEEN OBSERVED ON GW?				
GROUNDWATER SAMPLING							Date		BBLs		
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?					
							Total Removed		0		
							Disposal Facility:				

Photographic Log

					
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: PWV03-B@5' (water from rain, not believed to be gw, no water in sample spot for base at greater depth)			Notes/Conditions: PWV03-N@2.5'		

Photographic Log

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: PWV03-W@2.5'			Notes/Conditions: PWV03-S@2.5'		

Photographic Log

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: PWV03-E @2.5'			Notes/Conditions: SS01 @5', SS02 @7'		

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SS03@5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SS04@5'			

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: SS05@5'

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: SS06@5'

Photographic Log

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: WDL03@4'			Notes/Conditions: S01@5'		

Photographic Log



Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: SS07@2.5'				Notes/Conditions:			



TANK BATTERY DECOMMISSIONING FORM

SITE NAME: Larson Farms 3, 4, 5, 6 7-24 Tank Battery (Page 2)							DATE: 8/4/2021	REM. PROJECT #: 18720	WEATHER: 80's Rainy,		
SITE DIRECTIONS: CR5/HWY392, 0.75 mi E, 0.5 mi SW into							CLIENT: PDC - Delbert Pace				
LEGALS AND LAT/LONG: 40.470977, -104.499144							TASMAN PERSONNEL: Jesse Marcus				
SOIL TYPES: Silty Clay							SURFACE GRADIENT: Northeast				
SOIL SAMPLING							FACILITY INFRASTRUCTURE				
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity		
							Above Ground Storage Tank (AST)		7		
8/4/2021 11:48	SEP01-DL@5'	0.8	Organic Content	No Odor	Yes	Lab	Buried or Partially Buried Vessel		3		
8/4/2021 11:54	SEP02-DL@5'	148.8	HC Staining	HC Odor	Yes	Grab	Separator		5		
8/4/2021 12:05	SEP03-DL@5'	4.8	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)		4		
8/4/2021 12:06	SEP04-DL@5'	5.2	Organic Content	No Odor	Yes	Lab	Dump Line		3		
8/4/2021 12:07	SEP05-DL@5'	2.0	Organic Content	Slight HC Odor	Yes	Lab	Wellhead				
8/4/2021 12:55	SEP01-FL@4'	1.0	No Staining	No Odor	Yes	Lab	Flowline				
8/4/2021 13:04	SEP02-FL@5'	0.4	No Staining	No Odor	Yes	Lab	Other:				
8/4/2021 13:12	SEP03-FL@5'	0.7	No Staining	No Odor	Yes	Lab	Soil Loads Removed				
8/4/2021 13:33	SEP04-FL@5'	0.7	No Staining	No Odor	Yes	Lab	IMPACTED SOIL IDENTIFIED? Yes				
8/4/2021 13:34	SEP05-FL@4'	0.3	No Staining	No Odor	Yes	Lab	ESTIMATED VOLUME OF IMPACTS:				
8/6/2021 12:09	BKG01@2.5'	0.2	No Staining	No Odor	Yes	On-Hold	Date	Number	CY		
8/6/2021 12:10	BKG01@5'	0.0	No Staining	No Odor	Yes	On-Hold					
8/6/2021 12:11	BKG01@7'	0.0	No Staining	No Odor	Yes	On-Hold					
8/6/2021 12:25	AST01@0-6"	0.0	No Staining	No Odor	Yes	Lab					
8/6/2021 12:26	AST02@0-6"	0.0	No Staining	No Odor	Yes	Lab					
8/6/2021 12:27	AST03@0-6"	0.0	No Staining	No Odor	Yes	Lab	Total Removed		0	0	
8/6/2021 12:28	AST04@0-6"	0.0	No Staining	No Odor	Yes	Lab	Disposal Facility:				
8/6/2021 12:29	AST05@0-6"	0.0	No Staining	No Odor	Yes	Lab	Groundwater Recovery				
8/6/2021 12:30	AST06@0-6"	0.0	No Staining	No Odor	Yes	Lab	DATE GW ENCOUNTERED:			DEPTH:	
8/6/2021 12:31	AST07@0-6"	0.0	No Staining	No Odor	Yes	Lab	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?				
							LNAPL OR SHEEN OBSERVED ON GW?				
GROUNDWATER SAMPLING							Date		BBLs		
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?					
							Total Removed		0		
							Disposal Facility:				

Photographic Log


Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: AST01 bottom			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: AST01 footprint above liner (pea-gravel)			

Photographic Log

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: SEP01-DL@5'			Notes/Conditions: SEP02-DL@5'		

Photographic Log

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: SEP03-DL@5'			Notes/Conditions: SEP04-DL@5'		

Photographic Log



Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: SEP05-DL@5'				Notes/Conditions: SEP01 Footprint			

Photographic Log



Equipment ID:	Equipment Type:
Material:	Volume:
Contents:	

Notes/Conditions: SEP02 Footprint

Equipment ID:	Equipment Type:
Material:	Volume:
Contents:	

Notes/Conditions: SEP03 Footprint

Photographic Log



Blank space for additional notes or observations.

Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: SEP04 Footprint				Notes/Conditions: SEP05 Footprint			

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: AST02 Bottom			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: AST02 footprint above liner			

Photographic Log

					
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: SEP05-FL@4'			Notes/Conditions: SEP04-FL@5'		

Photographic Log



Equipment ID:	Equipment Type:
Material:	Volume:
Contents:	

Notes/Conditions: SEP03-FL@5'

Equipment ID:	Equipment Type:
Material:	Volume:
Contents:	

Notes/Conditions: SEP02-FL@5'

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SEP01-FL@4'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: AST03 footprint above liner			

Photographic Log



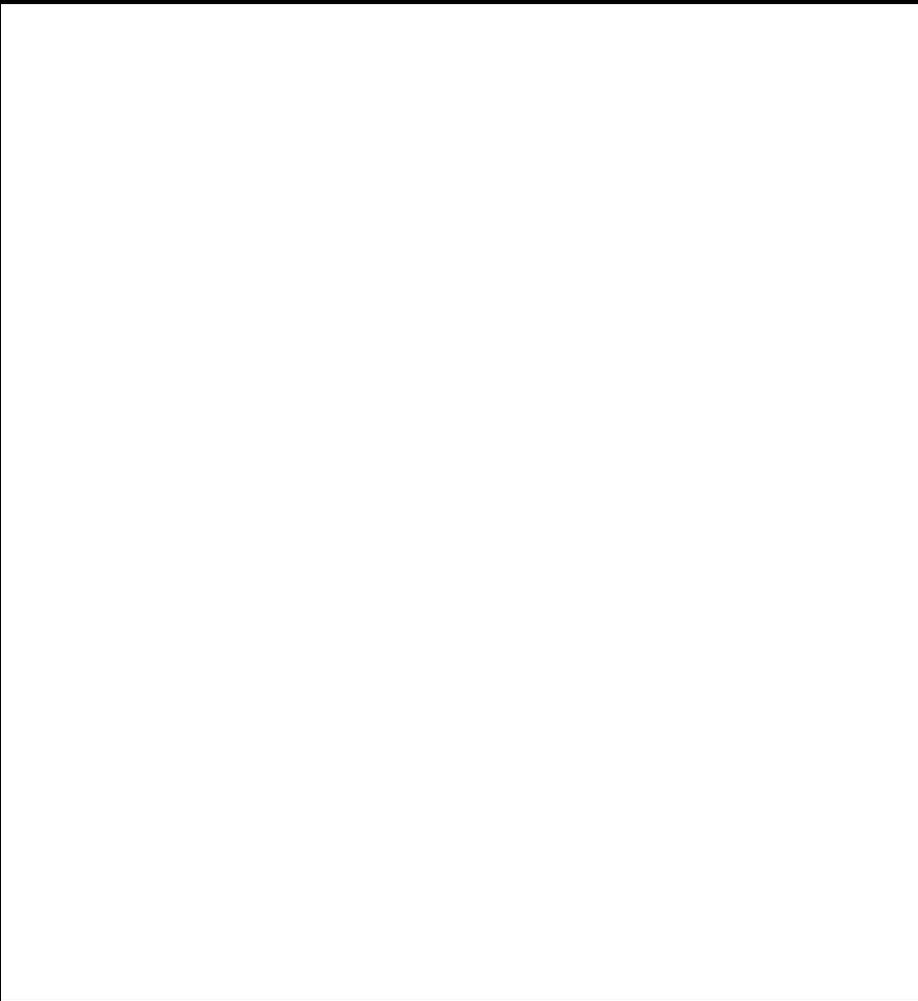
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: AST07 Footprint above liner				Notes/Conditions: AST06 Footprint above liner			

Photographic Log



Equipment ID:	Equipment Type:
Material:	Volume:
Contents:	

Notes/Conditions: AST05 footprint above liner



Equipment ID:	Equipment Type:
Material:	Volume:
Contents:	

Notes/Conditions:



SITE NAME: Larson Farms PWV02 excavation (Central excavation)							DATE: 8/5/2021	REM. PROJECT #: 18720	WEATHER: 80's Sunny
SITE DIRECTIONS: CR59/HWY392, 0.75 mi E, 0.5 mi SW into							CLIENT: PDC - Delbert Pace		
LEGALS AND LAT/LONG: 40.470977, -104.499144							TASMAN PERSONNEL: Jesse Marcus		
SOIL TYPES: Silty Clay							SURFACE GRADIENT: Northeast		
SOIL SAMPLING							FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity
							Above Ground Storage Tank (AST)		
8/5/2021 10:18	B, S02@7'	0.3	No Staining	No Odor	Yes	Lab	Buried or Partially Buried Vessel		
8/5/2021 10:44	N, S03@5'	4.0	No Staining	No Odor	Yes	Lab	Separator		
8/5/2021 10:36	W, S04@5'	0.1	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)		
8/5/2021 10:22	S, S05@5'	0.5	No Staining	No Odor	Yes	Lab	Dump Line		
8/5/2021 10:26	E, S06@5'	1.3	No Staining	No Odor	Yes	Lab	Wellhead		
8/5/2021 10:47	E, S07@2.5'	0.3	No Staining	No Odor	Yes	Lab	Flowline		
							Other:		
							Soil Loads Removed		
							IMPACTED SOIL IDENTIFIED?		
							ESTIMATED VOLUME OF IMPACTS:		
							Date	Number	CY
							8/4/2021	2	20
							8/5/2021	2	20
							Total Removed		4 40
							Disposal Facility:		
							Groundwater Recovery		
							DATE GW ENCOUNTERED:		DEPTH:
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
							LNAPL OR SHEEN OBSERVED ON GW?		
GROUNDWATER SAMPLING							Date	BBLS	
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed		0
							Disposal Facility:		



GENERAL OBSERVATION FORM

Client: PDC

Site Area/AOC: Larson Farms 3, 4, 5, 6, 7-24 Tank Battery

Date: 8/5/2021

Task/Location Description: Excavation

Daily Forecast/Weather: 80's Sunny

Personnel: Jesse Marcus

Description of Activities:

Time	Description
	One BKG used for all excavations, tank battery, and wellheads

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: B, S02@7'

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: N, S03@5'

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: W, S04@5'

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: S, S05@5'8

Photographic Log



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: E, S06@5'

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	

Notes/Conditions: E, S07@2.5'



SITE NAME: Larson Farms SEP02 Excavation							DATE: 8/6/2021	REM. PROJECT #: 18720	WEATHER: 80's Sunny	
SITE DIRECTIONS: CR59/HWY392, 0.75 mi E, 0.5 mi SW into							CLIENT: PDC - Delbert Pace			
LEGALS AND LAT/LONG: 40.470977, -104.499144							TASMAN PERSONNEL: Jesse Marcus			
SOIL TYPES: Silty Clay							SURFACE GRADIENT: Northeast			
SOIL SAMPLING							FACILITY INFRASTRUCTURE			
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity	
							Above Ground Storage Tank (AST)			
8/5/2021 14:01	SEP02-SS01@7'	688.1	HC Staining	Strong HC Odor	Yes	Lab	Buried or Partially Buried Vessel			
8/5/2021 14:03	B, SEP02-SS02@8'	8.5	No Staining	No Odor	Yes	Lab	Separator			
8/6/2021 09:57	B, SEP02-SS03@8'	1.8	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)			
8/6/2021 09:58	N, SEP02-SS04@7'	0.1	No Staining	No Odor	Yes	Lab	Dump Line			
8/6/2021 09:59	N, SEP02-SS05@8'	0.0	No Staining	No Odor	Yes	Lab	Wellhead			
8/6/2021 10:00	W, SEP02-SS06@7'	1.3	HC Staining	Organic Odor	Yes	Lab	Flowline			
8/6/2021 10:01	W, SEP02-SS07@8'	1.3	No Staining	No Odor	Yes	Lab	Other:			
8/6/2021 10:58	S, SEP02-SS08@7'	0.2	No Staining	No Odor	Yes	Lab	Soil Loads Removed			
8/6/2021 10:59	S, SEP02-SS09@8'	0.0	No Staining	No Odor	Yes	Lab	IMPACTED SOIL IDENTIFIED?			
8/6/2021 10:02	E, SEP02-SS10@7'	3.3	No Staining	No Odor	Yes	Lab	ESTIMATED VOLUME OF IMPACTS:			
8/6/2021 10:03	E, SEP02-SS11@8'	0.0	No Staining	No Odor	Yes	Lab	Date	Number	CY	
8/6/2021 11:00	E, SEP02-SS12@2.5'	0.0	No Staining	No Odor	Yes	Lab	8/5/2021	2	19.5	
							8/6/2021	3	30	
							Total Removed		5 49.5	
							Disposal Facility: WM - Ault			
							Groundwater Recovery			
							DATE GW ENCOUNTERED: 8/6/2021	DEPTH: 8'		
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL? Groundwater in contact with soil impacts.			
							LNAPL OR SHEEN OBSERVED ON GW? None Observed on GW.			
GROUNDWATER SAMPLING							Date	BBLs		
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?				
8/6/2021 11:10	GW01	8	Low Turbidity	None	None	Yes				
							Total Removed		0	
							Disposal Facility:			



GENERAL OBSERVATION FORM

Client: PDC

Site Area/AOC: Larson Farms 3, 4, 5, 6, 7-24 Tank Battery

Date: 8/6/2021

Task/Location Description: Excavation (PWV02)

Daily Forecast/Weather: 80's Sunny

Personnel: Jesse Marcus

Description of Activities:

Time	Description
	One BKG used for excavations, tank battery and wellheads

Photographic Log

					
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: SEP02-SS02@8', SEP02-SS03@8', GW01			Notes/Conditions: N, SEP02-SS04@7', SEP02-SS05@8'		

Photographic Log

					
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: W, SEP02-SS06@7', SEP02-SS07@8'			Notes/Conditions: S, SEP02-SS08@7', SEP02-SS09@8', SEP02-SS12@2.5'		

Photographic Log



Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: E, SEP02-SS10@7', SEP02-SS11@8'				Notes/Conditions:			



SITE NAME: Larson Farms PWV01 Excavation (Western Excavation)							DATE: 8/4/2021	REM. PROJECT #: 18720	WEATHER: 80's Rainy
SITE DIRECTIONS: CR5/HWY392, 0.75 mi E, 0.5 mi SW into							CLIENT: PDC - Delbert Pace		
LEGALS AND LAT/LONG: 40.470977, -104.499144							TASMAN PERSONNEL: Jesse Marcus		
SOIL TYPES: Silty Clay							SURFACE GRADIENT: Northeast		
SOIL SAMPLING							FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT		Quantity
							Above Ground Storage Tank (AST)		
8/4/2021 15:29	B, SS02@7'	0.9	No Staining	No Odor	Yes	Lab	Buried or Partially Buried Vessel		
8/4/2021 15:34	N, SS03@5'	1.8	No Staining	No Odor	Yes	Lab	Separator		
8/4/2021 15:37	W, SS04@5'	0.5	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)		
8/4/2021 15:40	S, SS05@5'	0.7	No Staining	No Odor	Yes	Lab	Dump Line		
8/4/2021 15:46	E, SS06@5'	1.0	No Staining	No Odor	Yes	Lab	Wellhead		
8/4/2021 15:49	SS07@2.5'	0.7	No Staining	No Odor	Yes	Lab	Flowline		
							Other:		
							Soil Loads Removed		
							IMPACTED SOIL IDENTIFIED? Yes		
							ESTIMATED VOLUME OF IMPACTS:		
							Date	Number	CY
							8/4/2021	4	40
							Total Removed		4 40
							Disposal Facility: WM - Ault		
							Groundwater Recovery		
							DATE GW ENCOUNTERED:		DEPTH:
							GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
							LNAPL OR SHEEN OBSERVED ON GW?		
GROUNDWATER SAMPLING							Date	BBLS	
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed		0
							Disposal Facility:		

