



TANK BATTERY DECOMMISSIONING FORM

| SITE NAME: Owl Creek 7, 7-5 Tank Battery | | | | | | | DATE: 2/16/2021 | REM. PROJECT #: | WEATHER: Sunny ~ 5 degrees | | |
|---|-----------------------|-----------------|-----------------|-----------|--------|---------------------|---|------------------------|--------------------------------------|---------------|--|
| SITE DIRECTIONS: | | | | | | | CLIENT: PDC | | | | |
| LEGALS AND LAT/LONG: | | | | | | | TASMAN PERSONNEL: Max Dahlgren | | | | |
| SOIL TYPES: | | | | | | | SURFACE GRADIENT: | | | | |
| 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) | | | | |
| 2/16/2021 11:00 | SS01 @ 7' - B | 0.1 | No Staining | No Odor | Yes | Lab | Buried or Partially Buried Vessel | | | | |
| 2/16/2021 11:05 | SS02 @ 3' - N | 0.2 | No Staining | No Odor | Yes | Lab | Separator | | | | |
| 2/16/2021 11:07 | SS03 @ 5' - N | 0.1 | Organic Content | No Odor | Yes | Lab | Emission Control Device (ECD) | | | | |
| 2/16/2021 11:15 | SS04 @ 3' - S | 0.0 | No Staining | No Odor | Yes | Lab | Dump Line | | | | |
| 2/16/2021 11:17 | SS05 @ 5' - S | 0.3 | No Staining | No Odor | Yes | Lab | Wellhead | | | | |
| 2/16/2021 11:25 | SS06 @ 3 - E | 0.0 | No Staining | No Odor | Yes | Lab | Flowline | | | | |
| 2/16/2021 11:27 | SS07 @ 5' - E | 0.1 | No Staining | No Odor | Yes | Lab | Other: | | | | |
| 2/16/2021 15:00 | SS08 @ 7' - B | 1.9 | No Staining | No Odor | Yes | Lab | Soil Loads Removed | | | | |
| 2/16/2021 15:05 | SS09 @ 3' - S2 | 0.8 | No Staining | No Odor | Yes | Lab | IMPACTED SOIL IDENTIFIED? Yes | | | | |
| 2/16/2021 15:10 | SS10 @ 5' - S2 | 2.6 | No Staining | No Odor | Yes | Lab | ESTIMATED VOLUME OF IMPACTS: | | | | |
| 2/17/2021 08:15 | SS11 @ 3' - S | 0.2 | Organic Content | No Odor | Yes | Lab | Date | Number | CY | | |
| 2/17/2021 08:20 | SS12 @ 5' - S | 0.5 | No Staining | No Odor | Yes | Lab | | | | | |
| 2/17/2021 08:25 | SS13 @ 3' - S2 | 4.1 | Organic Content | No Odor | Yes | Lab | | | | | |
| 2/17/2021 08:30 | SS14 @ 6' - S2 | 0.0 | No Staining | No Odor | Yes | Lab | | | | | |
| 2/17/2021 08:35 | SS15 @ 7' - B | 0.4 | No Staining | No Odor | Yes | Lab | | | | | |
| 2/17/2021 08:40 | SS16 @ 7' - B | 0.8 | No Staining | No Odor | Yes | Lab | Total Removed | 0 | 0 | | |
| 2/17/2021 11:30 | SS17 @ 3' - SW | 0.9 | No Staining | No Odor | Yes | Lab | Disposal Facility: Front Range Landfill | | | | |
| 2/17/2021 11:35 | SS18 @ 6' - SW | 7.3 | No Staining | No Odor | Yes | Lab | Groundwater Recovery | | | | |
| 2/17/2021 11:50 | SS19 @ 7' - B | 0.1 | No Staining | No Odor | Yes | Lab | DATE GW ENCOUNTERED: | | | DEPTH: | |
| 2/17/2021 12:40 | SS20 @ 3' - W | 0.6 | No Staining | No Odor | Yes | Lab | GROUNDWATER IN CONTACT WITH IMPACTED SOIL? | | | | |
| 2/17/2021 12:45 | SS21 @ 6' - W | 0.6 | No Staining | No Odor | Yes | Lab | | | | | |
| 2/17/2021 12:50 | SS22 @ 7' - B | 0.4 | No Staining | No Odor | Yes | Lab | 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



Blank space for additional notes or observations.

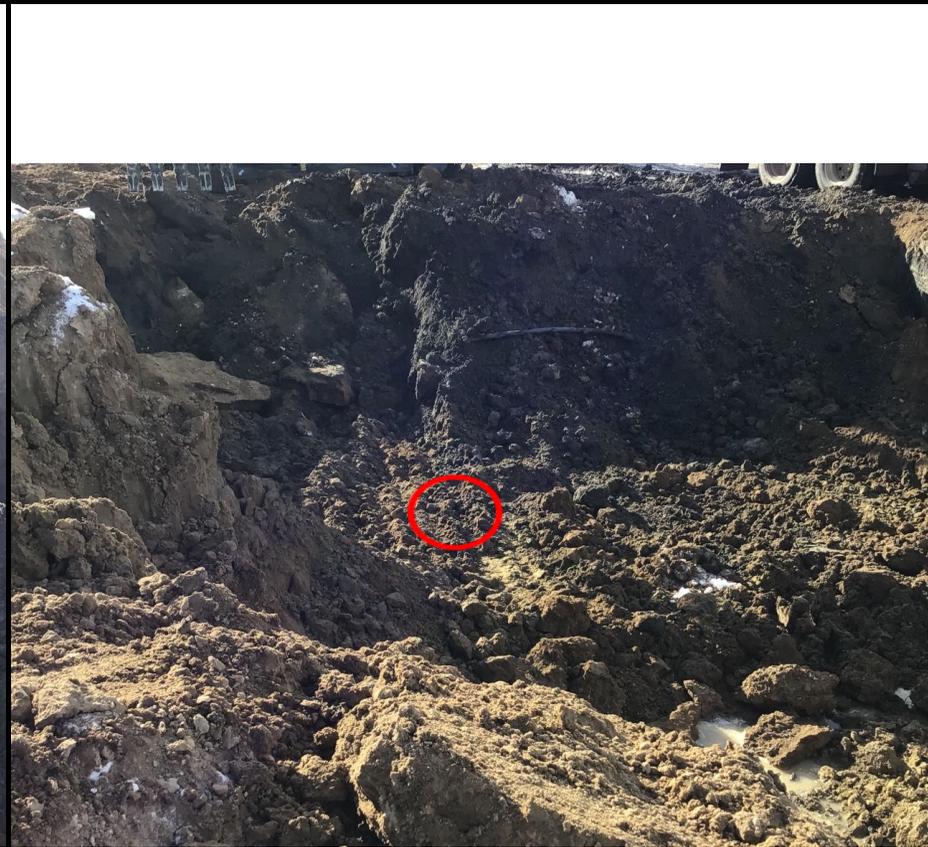
| | | | | | | | |
|----------------------------|----------------|------------------------|--|----------------------------|----------------|------------------------|--|
| Equipment ID: South | | Equipment Type: | | Equipment ID: North | | Equipment Type: | |
| Material: | Volume: | Contents: | | Material: | Volume: | Contents: | |
| Notes/Conditions: | | | | Notes/Conditions: | | | |

Photographic Log



| | | | | | | | |
|-----------------------------|----------------|------------------------|--|--|----------------|------------------------|--|
| Equipment ID: Base 1 | | Equipment Type: | | Equipment ID: East | | Equipment Type: | |
| Material: | Volume: | Contents: | | Material: | Volume: | Contents: | |
| Notes/Conditions: | | | | Notes/Conditions: East wall caved in after sample collection. Area beneath former dump line exposed to show absence of contamination. | | | |

Photographic Log



Equipment ID: South 2

Equipment Type:

Material:

Volume:

Contents:

Notes/Conditions:

Equipment ID: Base 2

Equipment Type:

Material:

Volume:

Contents:

Notes/Conditions:

Photographic Log



| | | | | | | | |
|--|----------------|------------------------|--|------------------------------------|----------------|------------------------|--|
| Equipment ID: S1, S2, AND BASES | | Equipment Type: | | Equipment ID: SW AND BASE 3 | | Equipment Type: | |
| Material: | Volume: | Contents: | | Material: | Volume: | Contents: | |
| Notes/Conditions: 2/17/21 SAMPLES | | | | Notes/Conditions: | | | |



| SITE NAME: Owl Creek 7, 7-5 | | | | | | | DATE: 2/18/2021 | REM. PROJECT #: | WEATHER: | | |
|------------------------------------|-----------------------|-----------------|-----------------|-----------|--------|---------------------|---|------------------------|-----------------|---------------|--|
| SITE DIRECTIONS: | | | | | | | CLIENT: PDC | | | | |
| LEGALS AND LAT/LONG: | | | | | | | TASMAN PERSONNEL: Max Dahlgren | | | | |
| SOIL TYPES: | | | | | | | SURFACE GRADIENT: | | | | |
| 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) | | | | |
| 2/18/2021 09:00 | SS23 @ 7' - B | 0.7 | No Staining | No Odor | Yes | Lab | Buried or Partially Buried Vessel | | | | |
| 2/18/2021 09:05 | SS24 @ 7' - B | 0.9 | No Staining | No Odor | Yes | Lab | Separator | | | | |
| 2/18/2021 10:40 | SS25 @ 3' - S | 0.4 | No Staining | No Odor | Yes | Lab | Emission Control Device (ECD) | | | | |
| 2/18/2021 10:45 | SS26 @ 6' - S | 0.1 | No Staining | No Odor | Yes | Lab | Dump Line | | | | |
| 2/18/2021 10:50 | SS27 @ 3' - S-W | 1.5 | No Staining | No Odor | Yes | Lab | Wellhead | | | | |
| 2/18/2021 10:55 | SS28 @ 6' - S-W | 0.2 | No Staining | No Odor | Yes | Lab | Flowline | | | | |
| 2/18/2021 11:45 | SS29 @ 3' - W | 0.9 | No Staining | No Odor | Yes | Lab | Other: | | | | |
| 2/18/2021 11:50 | SS30 @ 6' - W | 1.1 | No Staining | No Odor | Yes | Lab | Soil Loads Removed | | | | |
| 2/18/2021 12:15 | SS31 @ 7' - B | 0.5 | No Staining | No Odor | Yes | Lab | IMPACTED SOIL IDENTIFIED? | | | | |
| 2/18/2021 13:10 | SS32 @ 3' - N | 2.4 | No Staining | No Odor | Yes | Lab | ESTIMATED VOLUME OF IMPACTS: | | | | |
| 2/18/2021 13:15 | SS33 @ 6' - N | 2.7 | No Staining | No Odor | Yes | Lab | Date | Number | CY | | |
| 2/18/2021 13:50 | SS34 @ 7' - B | 0.1 | No Staining | No Odor | Yes | Lab | | | | | |
| 2/18/2021 14:15 | SS35 @ 3' - N | 5.8 | Organic Content | No Odor | Yes | Lab | | | | | |
| 2/18/2021 14:20 | SS36 @ 6' - N | 3.1 | No Staining | No Odor | Yes | Lab | | | | | |
| | | | | | | | | | | | |
| | | | | | | | Total Removed | | 0 | 0 | |
| | | | | | | | 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: | | | | |

Photographic Log



| | | | |
|---|----------------|------------------------|--|
| Equipment ID: West | | Equipment Type: | |
| Material: | Volume: | Contents: | |
| Notes/Conditions: Slight cave in on wall following sample collection | | | |

| | | | |
|-------------------------------------|----------------|------------------------|--|
| Equipment ID: South and base | | Equipment Type: | |
| Material: | Volume: | Contents: | |
| Notes/Conditions: | | | |

Photographic Log


Equipment ID:North and bases

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



TANK BATTERY DECOMMISSIONING FORM

| SITE NAME: Owl Creek 7, 7-5 Tank Battery Excavation | | | | | | | DATE: 2/19/2021 | REM. PROJECT #: | WEATHER: | |
|--|-----------------------|-----------------|---------------|-----------|--------|---------------------|---|------------------------|-----------------|--|
| SITE DIRECTIONS: | | | | | | | CLIENT: PDC | | | |
| LEGALS AND LAT/LONG: | | | | | | | TASMAN PERSONNEL: Max Dahlgren | | | |
| SOIL TYPES: | | | | | | | SURFACE GRADIENT: | | | |
| 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) | | | |
| 2/19/2021 08:15 | SS37 @ 7' - B | 0.6 | No Staining | No Odor | Yes | Lab | Buried or Partially Buried Vessel | | | |
| 2/19/2021 08:20 | SS38 @ 7' - B | 0.0 | No Staining | No Odor | Yes | Lab | Separator | | | |
| 2/19/2021 08:40 | SS39 @ 3' - N | 3.9 | No Staining | No Odor | Yes | Lab | Emission Control Device (ECD) | | | |
| 2/19/2021 08:45 | SS40 @ 6' - N | 2.0 | No Staining | No Odor | Yes | Lab | Dump Line | | | |
| 2/19/2021 09:00 | SS41 @ 7' - B | 0.6 | No Staining | No Odor | Yes | Lab | Wellhead | | | |
| 2/19/2021 09:05 | SS42 @ 3' - N | 0.5 | No Staining | No Odor | Yes | Lab | Flowline | | | |
| 2/19/2021 09:10 | SS43 @ 6' - N | 0.7 | No Staining | No Odor | Yes | Lab | Other: | | | |
| 2/19/2021 09:30 | SS44 @ 7' - B | 0.0 | No Staining | No Odor | Yes | Lab | Soil Loads Removed | | | |
| 2/19/2021 10:00 | SS45 @ 3' - N | 0.9 | No Staining | No Odor | Yes | Lab | IMPACTED SOIL IDENTIFIED? | | | |
| 2/19/2021 10:05 | SS46 @ 6' - N | 1.1 | No Staining | No Odor | Yes | Lab | ESTIMATED VOLUME OF IMPACTS: | | | |
| 2/19/2021 10:30 | SS47 @ 3' - W | 0.2 | No Staining | No Odor | Yes | Lab | Date | Number | CY | |
| 2/19/2021 10:35 | SS48 @ 6' - W | 0.7 | No Staining | No Odor | Yes | Lab | | | | |
| 2/19/2021 10:45 | SS49 @ 7' - B | 0.9 | No Staining | No Odor | Yes | Lab | | | | |
| 2/22/2021 09:45 | Ss50 @ 7.5' - B | 0.5 | No Staining | No Odor | Yes | Lab | | | | |
| 2/22/2021 09:50 | SS51 @ 2.5' - N | 0.9 | No Staining | No Odor | Yes | Lab | | | | |
| | | | | | | | Total Removed | 0 | 0 | |
| | | | | | | | 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? | | | | |
| 2/22/2021 09:30 | Gw01 | 6 | Low Turbidity | None | None | Yes | | | | |
| | | | | | | | | | | |
| | | | | | | | Total Removed | 0 | | |
| | | | | | | | Disposal Facility: | | | |

Photographic Log



Equipment ID:North wall and bases

Equipment Type:

Material:

Volume:

Contents:

Notes/Conditions:

Equipment ID:West wall

Equipment Type:

Material:

Volume:

Contents:

Notes/Conditions: Excess material was hauled out following collection of final, clean west wall samples. Remaining piled material was screened to ensure absence of contamination. General depth and material types are circled to represent final west samples.


Equipment ID:SS50 BASE

Equipment Type:
Material:
Volume:
Contents:
Notes/Conditions:BASE SAMPLE COLLECTED UNDER FORMER FAILED SAMPLE. MATERIAL ON RIGHT SIDE OF PICTURE IS BACKFILL USED TO REACH THE FAILED SAMPLE AREA.

Equipment ID:SS51 N @ 2.5'

Equipment Type:
Material:
Volume:
Contents:
Notes/Conditions:SOIL SUITABILITY SAMPLE COLLECTED FROM FINAL EXTENT.