1.8
KM. 8/26/92

# SAMPLE LOG

DCL#: 62760.05.20.146 1992
FILE NO. 15.61
CC:
PM DPM SM C/SM FILE X

Project: Avery RR Dump
Site No: Avery Downstream Sediment
Job No: 62760-05

Sample No: [ ][ ][ ] – [S][S][0][0][3] – [ ][ ][ ]
Site — Matrix Sample Type — Station # — Sample Sequential

Location of Sample: ⊗ ← site entrance
NA St Joe River ← West

Sampled By: C. Lonergan K. Steward Date:
Sampling Date: ~~8/10~~ 8/25/92 Time: 1025
Weather: Clear ~~60°~~ kgs
Ambient Temp: 60°

Description: 1/4 mile d.s. of site on N. bank of St. Joe River

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☒ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

Bailer ☐ Split Spoon ☐ Other Trowel ☒
Pump ☐ Hand Auger ☐

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

**Sample Description:** Rocky/sandy river sediments

USEPA SF
1242102

# SAMPLE LOG

Project: Avery RR Dump

Site No: Avery Site Sediment

Sample No: [ ][ ][ ] – [S][S][0][0][2][ ] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: K. Steward + C. Lovergrove Date:

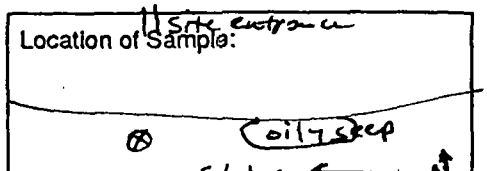
Sampling Date: 8/25/92 Time ~~105~~ 1100

Weather: Clear

Ambient Temp: 60°

Job No: 62760.05

Location of Sample:




Description: 10' W of oily seep along N bank of St. Joe River

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☒ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Sandy + little oily sediment

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Avery Site Sediment Dupl.

Sample No: [ ][ ][ ] – [S][S][0][0][4][ ] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lonergan / Steward

Date:

Sampling Date: 10/25/92

Time 1130

Weather: Clear

Ambient Temp: 60°

Location of Sample: Upstream St Joe River ← Cottage Grove

Description: Site sediment from river – duplicate

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☒ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

Bailer ☐ Split Spoon ☐ Other Trowel ☒

Pump ☐ Hand Auger ☐

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Only sediment – sandy sed.

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Avery Oily Seep

Sample No: [ ][ ][ ] – [O][R][S][0][1][ ] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

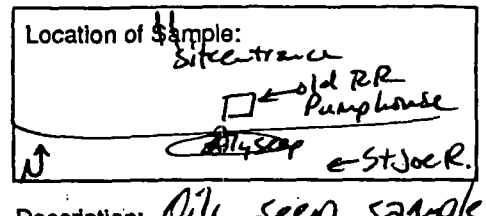
Sampled By: Lonergan / Steward Date:

Sampling Date: 10/25/92 1200

Weather: Clear

Ambient Temp: 65°

Location of Sample:




Description: Oily seep sample

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☒ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other Oily soils | ☒ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

**Sample Description:** Oily soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Avery Oily Seep

Sample No: [ ][ ][ ] - [0][R][S][0][2] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Location of Sample: entrance
← old RR Pumphouse
Oily St Joe River

Sampled By: Lonergan / Steward

Date:

Sampling Date: 10/29/92 1200

Weather: Clear

Ambient Temp: 65°

Description: Oily seep
duplicate sample

## Sample Media (check one)

Air ☐ Soil ☐ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☒ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other Oily seep | ☒ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

**Sample Description:** Oily Seep / Soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Avery Upstream Sediment

Sample No: [ ][ ][ ] – [S][S][0][0][1][ ] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lonergan / Steward

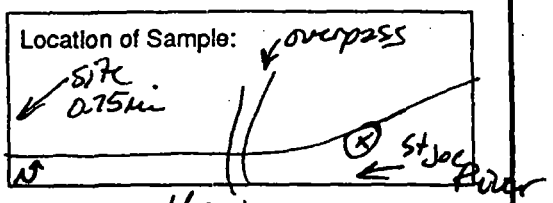
Date:

Sampling Date: 10/25/92 1232

Weather: Clear

Ambient Temp: 70°

Location of Sample:




Description: Upstream sediment

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☒ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Sediment - sandy sediment

**URS** Consultants

City Well

~~MONITORING WELL NO:~~ 9

## ~~Monitor Well~~ Sampling Data

Project: Avery RR Dump
Site No: Avery
Location No: City Sewer + Water Well
Sample No: WAW01
Sampling Date: 10/26/92
~~Sampling Method:~~
Bar. Pres.: UNK.

Job No: 62760.03
Sampling Time: 0837
Sampled By: Lonergan / Steward
Reviewed by: _____ Date: _____
~~Elevation:~~
Weather Clear
Amb. Temp. (°F) 60°F °C

### WATER ELEVATION DATA

1) Depth Water Surface _____ ft
(from casing top as marked)

2) Static Water Level Elevation _____ ft
(casing top elevation minus 1)

3) Depth to Well Bottom _____ ft
(from casing top as marked)

4) Height of Water Column (h) _____ ft
(4 minus 1)

Volume of Water in Well: (x) (h) = _____ gals
(for 2" x = 0.163 gal/ft for 4" x = 0.653 gal/ft)

Amount of Water Removed from Well _____ gals
Method of Water Removal _____

Method of Measurement: _____

Products obs: ☐ Yes ☒ No
Depth to Product: _____
Method of Measurement: _____

Was Well Pumped Dry ☐ Yes ☐ No

### WELL PURGE DATA

Method: Well ~~not~~ purged - allowed to pump
Date: 10/26/92 Total Volume/Time: ~5 minutes

| Time | Temp °C | Conductivity | pH | Turbidity | Removed | Flow Rate | Observations |
|---|---|---|---|---|---|---|---|
| 0830 | 10.2 | 2.29 | 6.98 | | | | |
| 0832 | 9.7 | 2.29 | 7.04 | | | | |
| 0835 | 9.6 | 2.12 | 6.99 | | | | |

### WATER SAMPLE DATA

Water Temp 9.6 °C
Specific Conductance 2.12 micromhos
pH 6.99
Containers Used (VOA Vial, 1 liter Jar etc.) 2 VOA vials, 2 8oz amber, 1 1-liter PE
Physical Appearance Clear
Remarks _____

Method of Measurement pH/Temp/Cond Meter
Method of Measurement "

URS #100 3/90

**URS** Consultants

~~MONITORING WELL NO.~~ 2

# ~~Monitor~~ City Well Sampling Data

Project: Avery RR Dump
Site No: Avery School Well
Location No: WAW01
~~Sample No:~~
Sampling Date: 10/26/92
~~Sampling Method:~~
Bar. Pres.: Unk

Job No: 62760.05
Sampling Time: 0915
Sampled By: Lonergan / Steward
Reviewed by: _____ Date: _____
~~Elevation:~~
Weather Clear
Amb. Temp. (°F) 65° °C

## WATER ELEVATION DATA

1) Depth Water Surface _____ ft
(from casing top as marked)

2) Static Water Level Elevation _____ ft
(casing top elevation minus 1)

3) Depth to Well Bottom _____ ft
(from casing top as marked)

4) Height of Water Column (h) _____ ft
(4 minus 1)

Volume of Water in Well: (x) (h) = _____ gals
(for 2" x = 0.163 gal/ft for 4" x = 0.653 gal/ft)

Amount of Water Removed from Well _____ gals
Method of Water Removal _____

~~Method of Measurement:~~ _____

~~Products obs:~~ ☐ Yes ☐ No

Depth to Product: _____
Method of Measurement: _____

Was Well Pumped Dry ☐ Yes ☐ No

## WELL PURGE DATA

Method: Pumped well
Date: 10/26/92 Total Volume/Time: Pumped for 5 minutes

| Time | Temp °C | Conductivity | pH | Turbidity | Removed | Flow Rate | Observations |
|---|---|---|---|---|---|---|---|
| 0905 | 8.9 | 2.07 | 7.03 | | | | |
| 0907 | 8.9 | 2.05 | 6.99 | | | | |
| 0910 | 8.4 | 2.10 | 6.98 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

## WATER SAMPLE DATA

Water Temp 8.5 °C
Specific Conductance 2.08 micromhos
pH 7.01
Containers Used (VOA Vial, 1 liter Jar etc.) 2 40ml VOA, 2 8oz amber, 1 1l PE
Physical Appearance Clear
Remarks

Method of Measurement pH/Cond/Temp Meter
Method of Measurement _____

URS #100 3/90

**URS** Consultants

~~MONITORING WELL NO:~~ 2

# City ~~Monitor~~ Well Sampling Data

Project: Avery RR Dump
Site No: Avery
Location No: Avery School Well
Sample No: WAW02
Sampling Date: 10/26/92
~~Sampling Method:~~ —
~~Bar. Pres.:~~ —

Job No: 62760.05
Sampling Time: 0915
Sampled By: Lonergan / Steward
Reviewed by: _____ Date: _____
~~Elevation:~~ —
Weather Clear
Amb. Temp. (°F) 65° °C

## WATER ELEVATION DATA

1) Depth Water Surface _____ ft
(from casing top as marked)

2) Static Water Level Elevation _____ ft
(casing top elevation minus 1)

3) Depth to Well Bottom _____ ft
(from casing top as marked)

4) Height of Water Column (h) _____ ft
(4 minus 1)

Volume of Water in Well: (x) (h) = _____ gals
(for 2" x = 0.163 gal/ft fpr 4" x =0.653 gal/ft)

Amount of Water Removed from Well _____ gals
Method of Water Removal _____

Method of Measurement: _____

Products obs: ☐ Yes ☐ No

Depth to Product: _____
Method of Measurement: _____

Was Well Pumped Dry ☐ Yes ☐ No

## WELL PURGE DATA

Method: Pumped Well
Date: 10/26/92 Total Volume/Time: Pumped for 5 min.

| Time | Temp °C | Conductivity | pH | Turbidity | Removed | Flow Rate | Observations |
|---|---|---|---|---|---|---|---|
| 0905 | 8.9 | 2.07 | 7.03 | | | | |
| 0907 | 8.9 | 2.05 | 6.99 | | | | |
| 0910 | 8.4 | 2.10 | 6.98 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

## WATER SAMPLE DATA

Water Temp 8.7 °C
Specific Conductance 2.07 micromhos
pH 7.00
Containers Used (VOA Vial, 1 liter Jar etc.) 2 VOA, 2 8oz Amber, 1 1l. PE
Physical Appearance Clear
Remarks _____

Method of Measurement pH/Cond/Temp
Method of Measurement Meter

URS #100 3/90

**URS** Consultants

MONITORING WELL NO: HC-3

# Monitor Well Sampling Data

Project: Avery RR Dump
Site No: Avery
~~Location No:~~
Sample No: WHC01
Sampling Date: 8/26/92
Sampling Method: Bailer
~~Bar. Pres.:~~

Job No: 62760.05
Sampling Time: 1020
Sampled By: Lonergan / Steward
Reviewed by: _____ Date: _____
~~Elevation:~~
Weather Clear
Amb. Temp. (°F) 70° °C

## WATER ELEVATION DATA

1) Depth Water Surface 13 ft
(from casing top as marked)

2) Static Water Level Elevation 13 ft
(casing top elevation minus 1)

3) Depth to Well Bottom 18.6 ft*
(from casing top as marked)

4) Height of Water Column (h) 5.6 ft
(4 minus 1)

Volume of Water in Well: (x) (h) = 0.913 gals
(for 2" x = 0.163 gal/ft fpr 4" x =0.653 gal/ft)

Amount of Water Removed from Well ~~0~~ gals
Method of Water Removal Not Purged

* Depth of well from boring log.

Method of Measurement: Bailing

Products obs: ☒ Yes ☐ No
Depth to Product: _____
Method of Measurement: _____

Was Well Pumped Dry ☐ Yes ☒ No

## WELL PURGE DATA

Method: Well was not purged - EPA requested worst case sample.
Date: _____ Total Volume/Time: No purging

| Time | Temp °C | Conductivity | pH | Turbidity | Removed | Flow Rate | Observations |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

## WATER SAMPLE DATA

Water Temp _____ °C
Specific Conductance _____ micromhos
Method of Measurement _____
pH _____
Method of Measurement _____
Containers Used (VOA Vial, 1 liter Jar etc.) 2 VOA, 2 8oz. amber, 1 1l. PE.
Physical Appearance Oily
Remarks — Thin oily emulsion on top of water table.

URS #100 3/90

# SAMPLE LOG

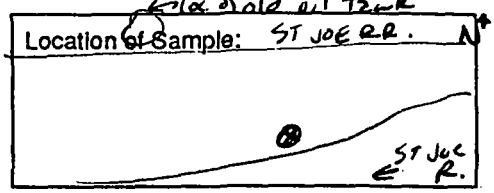
Project: Avery RR Dump

Job No: # 62760.05

Site No: Avery Background Surface Soil (0-6")

Sample No: [ ][ ][ ] - [S][S][0][1] - [1] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Location of Sample: St Joe R.R. (Old oil Tank)




Sampled By: Lonergan / Steward

Date:

Sampling Date: 8/26/92

Time: 1110

Weather: Clear

Ambient Temp: 70°

Description: Loc. on east acre of site along river bank ~ 50' N of river

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other: Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Brown Soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Background Subsurface Soil (6-12")

Sample No: [ ][ ][ ] - [S][S][0][1][-][2] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lonergan / Steward Date:

Sampling Date: 8/26/92 Time 1110

Weather: Clear

Ambient Temp: 70°

Location of Sample:

Description: East Acres site along river bank ~50' N of River

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other: Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Brown soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Site bunker soil - surface 0-6"

Sample No: [ ][ ][ ] - [S][S][0][2] - [1] - [ ][ ][ ]

Site | Matrix Sample Type | Station # | Sample Sequential

Location of Sample:

Sampled By: C. Lovegren / K. Steward

Date:

Sampling Date: 8/26/92 1135

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☑ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Along concrete bunker soil - little oil odor

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Site bunker soil - subsurface

Location of Sample:

Sample No: [ ][ ][ ] - [S][S][0][2] - [2] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: C. Lonergan / Kara Stewart Date:

Sampling Date: 8/26/92 1135

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | ~~1~~ 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Bunker fuel odor

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Onsite soil - Surface

Sample No: [ ][ ][ ] - [S][S][0][3] - [1] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Location of Sample:

Sampled By: Lonergan / Steward

Date:

Sampling Date: 8/26/92 1145

Weather: Clear

Ambient Temp: 70°F

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Black stained soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Site subsurface

Location of Sample:

Sample No: [ ][ ][ ] – [S][S][0][3][-][2] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lonergan / Steward. Date:

Sampling Date: 8/26/92 1145

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Black stained soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Site roadway Soil - surface

Location of Sample:

Sample No: [ ][ ][ ] – [S][S][0][4] – [1] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lovergan / Steward

Date:

Sampling Date: 8/26/92 1200

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other: Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Roadway fill soils on site

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Site Roadway Soil - subsurface

Sample No: [ ][ ][ ] - [S][S][0][4] - [2] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Location of Sample:

Sampled By: Lonergan / Steward

Date:

Sampling Date: 8/26/92 1200

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Roadway fill soils

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Soil near RR Bldgs - Surface

Location of Sample:

Sample No: [ ][ ][ ] – [S][S][0][5] – [1] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lunza / Steward  Date:

Sampling Date: 8/26/92  1210

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Brown soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Soil near RR Bldgs - Subsurface

Sample No: [ ][ ][ ] - [S][S][0][5] - [2] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Location of Sample:

Sampled By: Lovergan / Steward

Date:

Sampling Date: 8/26/92 1210

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other: Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Brown Soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: River Bank - ~~sub~~surface

Location of Sample:

Sample No: [ ][ ][ ] - [S][S][0][6] - [1] - [ ][ ][ ]

Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lovergan / Steward

Date:

Sampling Date: 8/26/92 1230

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Brown soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: Riverbank soil - subsurface

Location of Sample:

Sample No: [ ][ ][ ] - [S][S][0][6][-][2] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lowerza / Steward  Date:

Sampling Date: 8/26/92 1230

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

Bailer ☐ Split Spoon ☐ Other Trowel ☒

Pump ☐ Hand Auger ☐

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: Brown soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: RR Bldgs - Soil - surface dupl

Location of Sample:

Sample No: [ ][ ][ ] - [S][S][0][7] - [1] - [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lovergan / Steward Date:

Sampling Date: 8/26/92 1210

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Brown Soil

# SAMPLE LOG

Project: Avery RR Dump

Job No: 62760.05

Site No: RR Bldgs soil-surface dupl.

Location of Sample:

Sample No: [ ][ ][ ] – [S][S][0][7] – [2] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Sampled By: Lonergan / Steward

Date:

Sampling Date: 8/26/92 1210

Weather: Clear

Ambient Temp: 70°

Description:

## Sample Media (check one)

Air ☐ Soil ☒ Water ☐ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☒ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other | ☐ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other Trowel | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 2 x 8-oz. Wide-Mouth Glass Jar | ☒ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☐ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: Brown Soil

# FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date: 8/26/92 Site: Avery RR Dump

Sampler: Lawrson / Steward Case/SAS #: _____

Office: URS Seattle Laboratory: _____

Phone #: 623-1800

Matrix: X Groundwater ___ Surface Soil ___ Air

(check one) ___ Surface Water ___ Subsurface Soil ___ Other _____

## I. BLANKS

| Sample # | Type (circle one) | Date Collected |
|---|---|---|
| WBW01 | Equip / (Field) / Travel | 8/26/92 |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |

## II. BACKGROUND SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |

## III. LAB QC SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |
| | |

## IV. DUPLICATES

| Sample # | Matches Sample # | Date Collected | Type (circle one) |
|---|---|---|---|
| WSW02 | WSW01 | 8/26/92 | a / (b) / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |

a = composite split
b = consecutive
c = colocated
d = consecutive soil sleeves

## V. Checklist of Field Problems Encountered

| | Sample # / Date(s) of Occurrence / Comments |
|---|---|
| X None | |
| ___ Pumping Equipment Problems | |
| ___ Sample Filtering Problems | |
| ___ Less Than Required Sample Volume | |
| ___ Low Flow/Recharge Rates | |
| ___ Preservation Problem | |
| ___ Samples Not Shipped in 24hrs. | |
| ___ Federal Express Delay | |
| ___ Other | |

# FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date: 8/26/92 Site: Avery RR Dump

Sampler: Lovegren / Stewart Case/SAS #: _____

Office: URS Seattle Laboratory: _____

Phone #: 6231800

Matrix: ___ Groundwater X Surface Soil ___ Air

(check one) ___ Surface Water ___ Subsurface Soil ___ Other _____

## I. BLANKS

| Sample # | Type (circle one) | Date Collected |
|---|---|---|
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |

## II. BACKGROUND SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |

## III. LAB QC SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |
| | |

## IV. DUPLICATES

| Sample # | Matches Sample # | Date Collected | Type (circle one) |
|---|---|---|---|
| SS07-1 | SS05-1 | 8/26/92 | a / (b) / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |

a = composite split
b = consecutive
c = colocated
d = consecutive soil sleeves

## V. Checklist of Field Problems Encountered

X None

___ Pumping Equipment Problems

___ Sample Filtering Problems

___ Less Than Required Sample Volume

___ Low Flow/Recharge Rates

___ Preservation Problem

___ Samples Not Shipped in 24hrs.

___ Federal Express Delay

___ Other

Sample # / Date(s) of Occurrence / Comments

_____

# FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date: 8/26/92 Site: Avery RR Dump

Sampler: Lowergan / Steward Case/SAS #: _____

Office: URS Seattle Laboratory: _____

Phone #: 623-1800

Matrix: ___ Groundwater ___ Surface Soil ___ Air

(check one) ___ Surface Water X Subsurface Soil ___ Other _____

## I. BLANKS

| Sample # | Type (circle one) | Date Collected |
|---|---|---|
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |

## II. BACKGROUND SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |

## III. LAB QC SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |
| | |

## IV. DUPLICATES

| Sample # | Matches Sample # | Date Collected | Type (circle one) |
|---|---|---|---|
| SS07-2 | SS05-2 | 8/26/92 | a / (b) / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |

a = composite split
b = consecutive
c = colocated
d = consecutive soil sleeves

## V. Checklist of Field Problems Encountered

X None

___ Pumping Equipment Problems

___ Sample Filtering Problems

___ Less Than Required Sample Volume

___ Low Flow/Recharge Rates

___ Preservation Problem

___ Samples Not Shipped in 24hrs.

___ Federal Express Delay

___ Other

Sample # / Date(s) of Occurrence / Comments

_____

_____

_____

_____

_____

_____

_____

_____

# FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date: 8/26/92 Site: _____

Sampler: Lowergan / Steward Case/SAS #: _____

Office: URS SEATTLE Laboratory: _____

Phone #: 623 1800

Matrix: ___ Groundwater ___ Surface Soil ___ Air

(check one) ___ Surface Water ___ Subsurface Soil X Other Oily Material

## I. BLANKS

| Sample # | Type (circle one) | Date Collected |
|---|---|---|
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |
| | Equip / Field / Travel | |

## II. BACKGROUND SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |

## III. LAB QC SAMPLES

| Sample # | Date Collected |
|---|---|
| | |
| | |
| | |
| | |
| | |

## IV. DUPLICATES

| Sample # | Matches Sample # | Date Collected | Type (circle one) |
|---|---|---|---|
| ORS02 | ORS01 | 8/26/92 | a / (b) / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |
| | | | a / b / c / d |

a = composite split
b = consecutive
c = colocated
d = consecutive soil sleeves

## V. Checklist of Field Problems Encountered

X None

___ Pumping Equipment Problems

___ Sample Filtering Problems

___ Less Than Required Sample Volume

___ Low Flow/Recharge Rates

___ Preservation Problem

___ Samples Not Shipped in 24hrs.

___ Federal Express Delay

___ Other

Sample # / Date(s) of Occurrence / Comments

# SAMPLE LOG

DCL#: 62760.05.20.151 1992
FILE NO. 15.61
CC:
PM__ DPM__ SM__ C/SM__ FILE X

Project: Avery RR Dump
Site No:
Sample No: [ ][ ][ ] – [W][B][W][0][1][ ] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential
Sampled By: Kara Steward Date: 8/26/92
Sampling Date: 8/26/92 0830
Weather: Clear
Ambient Temp: 70°C

Job No: 4162760.05.07

Location of Sample:

Description: VOA Trip Blank

## Sample Media (check one)

Air ☐ Soil ☐ Water ☒ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other VOA Trip Blank | ☒ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 1 x 8-oz. Wide-Mouth Glass Jar | ☐ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☒ |

Other

**Sample Type** Composite ☐ Grab ☒

Sample Description: VOA Trip Blank of Distilled water purchased at a local grocery store

# SAMPLE LOG

DCL#: 62760.05.20.151 1992
FILE NO. 15.61
CC:
PM__ DPM__ SM__ C/SM__ FILE X

Project: Avery RR Dump

Job No: 4162760.05.07

Site No:

Sample No: [ ][ ][ ] – [W][B][W][0][1][ ] – [ ][ ][ ]
Site | Matrix Sample Type | Station # | Sample Sequential

Location of Sample:

Sampled By: Kara Steward Date: 8/26/92

Sampling Date: 8/26/92 0830

Weather: Clear

Ambient Temp: 70°C

Description: VOA Trip Blank

## Sample Media (check one)

Air ☐ Soil ☐ Water ☒ Wipe ☐ Waste/Liquid Product ☐ Biological ☐ Solids ☐ Sludge ☐

## Sample Point Description

| | | | |
|---|---|---|---|
| Surface Water (streams, rivers, etc.) | ☐ | Meteorological Station | ☐ |
| Soil Samples | ☐ | Air Sample (gaseous, organic) | ☐ |
| Monitoring Well | ☐ | Particulate | ☐ |
| Soil Boring | ☐ | Rock Sample | ☐ |
| Sediment Samples | ☐ | Biological Sample | ☐ |
| Lagoon Sample | ☐ | Drum Sample | ☐ |
| Tank Sample | ☐ | Other VOA Trip Blank | ☒ |

## Sampling Technique

| | | | | | |
|---|---|---|---|---|---|
| Bailer | ☐ | Split Spoon | ☐ | Other | ☒ |
| Pump | ☐ | Hand Auger | ☐ | | |

## Sample Container(s)

| | | | |
|---|---|---|---|
| 1 x 4-Liter Amber Glass Bottle | ☐ | 1 x 16-oz. Wide-Mouth Glass Jar | ☐ |
| 2 x 80-oz. Amber Glass Bottles | ☐ | 1 x 8-oz. Wide-Mouth Glass Jar | ☐ |
| 4 x 1-Liter Amber Glass Bottles | ☐ | 2 x 4-oz. Wide-Mouth Glass Jars | ☐ |
| 2 x 1-Liter Amber Glass Bottles | ☐ | 1 x 4-oz. Wide-Mouth Glass Jar | ☐ |
| 1 x 1-Liter Polyethylene Bottle | ☐ | 2 x 120-ml Wide-Mouth Glass Vials | ☐ |
| 4 x 32-oz. Wide-Mouth Glass Jars | ☐ | 2 x 40-ml Wide-Mouth Glass Vials | ☒ |

Other

## Sample Type

Composite ☐ Grab ☒

Sample Description: VOA Trip Blank of Distilled water purchased at a local grocery store