

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/13/95 Location H728-HA06
Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1630

Depth of water ^{boring} (for sediment sampling) Total: 5 sample: 1.5

Decontamination (page number reference) CDAF B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls ☒

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/13/95

Location H728-HA07

Samplers Used _____

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1735

Depth of water ^{boring} (for sediment sampling) Total: 5 ft Sample: 5 ft.

Decontamination (page number reference) (DAP B-37)

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls ☒

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location H 728-HA08
Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny & Clear, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample sandy soil, slight gray color, petroleum odor

Time of sample collection 0808

Depth of ^{sample} ~~water~~ (for sediment sampling) 5 ft, total: 5 ft.

Decontamination (page number reference) (DAP B-37)

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls ☒

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location 1+728-HA9

Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny & clear, temp 75°F

Soil/sediment sampling parameters:

Description of sample see bring log, petroleum odor

Time of sample collection 0838

Depth of ^{sample} water (for sediment sampling) 3 ft, total: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls ☒

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95

Location H728-HA10

Samplers Used Daniel Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny + clear, slight breeze temp 27.6°F

Soil/sediment sampling parameters:

Description of sample see boring log, petroleum order

Time of sample collection 0921

Depth of water ^{at sample} (for sediment sampling) 2 ft, total: 4 ft

Decontamination (page number reference) DAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls ☒

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95

Location H728-HA11

Samplers Used D. Howard G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny & clear, slight breeze, Temp 76°F

Soil/sediment sampling parameters:

Description of sample see boring log, petroleum odor

Time of sample collection 1005

Depth of ^{sample} ~~water~~ (for sediment sampling) 3 ft, total: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls ☒

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location H728-HA12

Samplers Used D. Howard, C. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny & clear, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log, no odor

Time of sample collection 1114

Depth of ^{sample} water (for sediment sampling) 4 ft, total: 5 ft

Decontamination (page number reference) (DAP B-37)

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls ☒

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location H728-HA13

Samplers Used D. Howard, G. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, clear, temp. $\approx$ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log,

Time of sample collection 1410

Depth of ^{soil} ~~water~~ (for sediment sampling) 2 ft, total: 5 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoons

Trowel

Hand corer

Hand auger ☒

Bowls ☒

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location H728-HA14
Samplers Used D. Howard, G. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, clear, temp ~85°F

Soil/sediment sampling parameters:

Description of sample see boring log, petroleum smell (odor)

Time of sample collection 1521

Depth of ^{soil} water (for sediment sampling) 3ft, total: 3ft

Decontamination (page number reference) DMP B-37

Spoons or spatulas spoons

Trowel _____

Hand corer _____

Hand auger ☒

Bowls ☒

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location H 728-HA 15
Samplers Used D. Howard, G. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, clear, temp 85°F

Soil/sediment sampling parameters:

Description of sample see boring log, no odor

Time of sample collection 1623

Depth of ^{soil boring} water (for sediment sampling) 1 ft, total: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location H 728-HA16

Samplers Used D. Howard, G. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, clear, temp 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1705

Depth of ^{boring} ~~water~~ (for sediment sampling) Total 13ft, Sample: 3ft.

Decontamination (page number reference) CDMP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ✓

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/14/95 Location H728-HA17

Samplers Used D. Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, clear, temp 85°F

Soil/sediment sampling parameters:

Description of sample see boring logs, no odor

Time of sample collection 1753

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 5ft sample: 4ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/15/95 Location H728-HA18

Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny & Clear, slight breeze, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0818

Depth of ^{soil} ~~water~~ (for sediment sampling) ^{total} 3 ft, sample 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls ☒

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/15/95 Location H728-HA19 + Dup
Samplers Used D Howard, G Rowell H728-HA112

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather slight overcast, slight breeze, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0918

Depth of ^{soil} water (for sediment sampling) 1 ft, total: 4 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls ☒ pH

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/15/95 Location H728-HA20

Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather partly sunny, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1102

Depth of ^{soil} water (for sediment sampling) 5ft, total 5ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ✓

Bowls ✓ DH

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/15/95 Location H 728-HA21

Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather partly sunny, slight breeze, temp ^{75-80°} ~~70-75°~~ F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1148

Depth of ^{soil} water (for sediment sampling) 4 ft, total 4 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/15/95 Location H728-HA22
Samplers Used D. Howard G. H. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather partly sunny, slight breeze, temp. 82°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1251

Depth of ^{soil} ~~water~~ (for sediment sampling) 5 ft, total: 5 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/15/95 Location H 728-HA2⁰⁴3

Samplers Used D. Howard B. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear & sunny, slight breeze, temp 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1555

Depth of ~~water~~^{soil} (for sediment sampling) 4 ft, total: 7 ft

Decontamination (page number reference) CDAP B-32

Spoons or spatulas spoon spoon

Trowel _____

Hand corer _____

Hand auger ✓

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95

Location H 728-HA24

Samplers Used D. Howard, G. Rewell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, slight breeze, Temp 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1715

Depth of water ^{boring} (for sediment sampling) total: 6 ft sample: 4 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas none

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location ^{PH}HX728-HA25
Samplers Used D. Howard, G. Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather unny, slight breeze, temp 75°F

Soil/sediment sampling parameters:

Description of sample see soil boring log

Time of sample collection 0910

Depth of ^{boring}water (for sediment sampling) total: 6, sample: 4 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H 728-HA 2⁰⁴6
Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, slight breeze, temp 75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0813

Depth of ^{boring} ~~water~~ (for sediment sampling) total 1 ft, sample 1 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H728-HA27

Samplers Used D Howard, E Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, temp 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1232 Dup 1240

Depth of water (for sediment sampling) _____

Decontamination (page number reference) CDMP 8-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H728-HA28

Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, temp. 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1045

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 8 ft, sample: 6 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location 14728-HA29
Samplers Used D Howard, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, Temp 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1450

Depth of ^{boring} water (for sediment sampling) total: 5 ft / sample: 4 ft

Decontamination (page number reference) COPR B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA30

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0834

Depth of water ^{boring} ~~(for sediment sampling)~~ Total: 4 ft, sample: 4 ft
DH OH

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H 728-HA31

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0854

Depth of ^{boring} water (for sediment sampling) total: 2 ft, sample 2 ft

Decontamination (page number reference) CDAP B-27

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

Auger refusal at 2.5 ft.

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95

Location H728-HA32

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0922

Depth of ^{boring} water ~~(for sediment sampling)~~ total 11 ft, sample 1 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

Another layer of concrete was encountered at 1.3 ft.

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H728-HA33
Samplers Used D Howard, G Rowell, K Shinkas

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, temp 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1635

Depth of ^{boring} water ~~(for sediment sampling)~~ total 5ft, sample 3ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

David Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H728-HA 34

Samplers Used D. Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, temp 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1701

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 1ft, sample: 1ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H728-HA35
Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, temp 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample see boring log ^{DH}

Time of sample collection _____

Depth of ^{boring} water (for sediment sampling) 4 inches

Decontamination (page number reference) CDAP B-37

Spoons or spatulas _____

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

No sample collected due to obstruction in hand auger hole on the mate.

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H 728-HA 36

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, temp 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample

Time of sample collection

Depth of ^{boring} water (for sediment sampling) 6 inches

Decontamination (page number reference) CDAP B-37

Spoons or spatulas

Trowel

Hand corer

Hand auger

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

No sample collected due to obstruction in bore hole under tar mat

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/16/95 Location H728-HA37

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Sunny, temp 80-85°F, slight breeze

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1800

Depth of ^{boring} water (for sediment sampling) total: 6 ft, sample: 4 ft

Decontamination (page number reference) CDP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA38
Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1128

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 3ft sample: 2ft

Decontamination (page number reference) CDMP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA39

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1140

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 3ft, sample: 3ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA40

Samplers Used D Howard, K Shinkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze; temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1205

Depth of water ^{boring} ~~(for sediment sampling)~~ total: 3 ft sample: 3 ft

Decontamination (page number reference) DAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA41 & Dup
Samplers Used D Howard, K Shinkus, G Rowell H728-HA114

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1228

Depth of ^{boring} ~~water (for sediment sampling)~~ Total: 3ft sample: 3ft

Decontamination (page number reference) CDP 8-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA42

Samplers Used D Howard, K Shimkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1243

Depth of ^{boring} ~~water (for sediment sampling)~~ total: 3ft, sample: 3ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA43

Samplers Used D. Howard, K Shimkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1306

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 1.3 ft, sample: 1.3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA44

Samplers Used D Howard, K Shimkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1533

Depth of ^{boring} water (for sediment sampling) Total: 1.5 ft, sample 1.5 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H 728-HA45

Samplers Used D Howard, K Shinkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp. 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1558

Depth of ^{boring} ~~water (for sediment sampling)~~ Total: 5ft sample: 5ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA46

Samplers Used DHoward, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly Cloudy, slight breeze, temp 80 °F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1628

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 5 ft, sample: 5 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/18/95 Location H728-HA47
Samplers Used D Howard, K Shimkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1708

Depth of ^{boring} ~~water~~ (for sediment sampling) total 13 ft, sample 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA48

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1012

Depth of water ^{boring} ~~(for sediment sampling)~~ total: 5 ft, sample: 2 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA 49

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1045

Depth of ^{boring} ~~water~~ (for sediment sampling) Total 15 ft, sample 15 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95

Location H728-HA50

Samplers Used D Howard, K Shinkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1117

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 4 ft, sample: 4 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA51
Samplers Used D Howard, K Shinkus Dwp H728-HA115
G Rowe II

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp. ⁷⁵ 78-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1201

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 4 ft, sample: 1 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA52

Samplers Used DHoward, KShimkus, GRowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1529

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 5 ft, sample: 5 ft

Decontamination (page number reference) GDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA53

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp. 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1558

Depth of ^{boring} ~~water (for sediment sampling)~~ total: 5 ft sample: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Z Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA54

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1639

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 4ft, sample: 3ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95

Location H728 - HA55

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1639

Depth of ^{boring} water ~~(for sediment sampling)~~ total 4 ft, sample 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95

Location H728-HA56

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1709

Depth of water ^{boring} (for sediment sampling) total: 6 ft, sample: 6 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA57

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1732

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 5 ft, sample: 5 ft

Decontamination (page number reference) CDA 8-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/19/95 Location H728-HA 58

Samplers Used D Howard, G Rowell, K Shinkins

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1759

Depth of water ^{boring} ~~(for sediment sampling)~~ total: 5 ft, sample: 5 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95

Location H728-HA59

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather ^{DH} Clear, ~~s~~ Overcast, chance of rain, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0814

Depth of ^{boring} ~~water (for sediment sampling)~~ total: 6ft, sample: 6ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95

Location H728-HA 60+Dup

Samplers Used D Howard, G Rowell, K Shimkus

H728-HA 116

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0842

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 6 ft, sample: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA61

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1432

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 4 ft sample: 4 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA62

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1448

Depth of water ^{boring} ~~(for sediment sampling)~~ total: 5ft, sample: 5ft

Decontamination (page number reference) CDP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA63

Samplers Used D Howard, K Shimkus, G Rowe

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1520

Depth of ^{boring} water ~~(for sediment sampling)~~ 6 ft total, 6 ft sample

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ✓

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA8364

Samplers Used D Howard, K Shimkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1535

Depth of ^{boring} water (for sediment sampling) total 13ft, sample 13ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95

Location #728-HA65

Samplers Used D Howard, K Shimkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1640

Depth of ^{boring} ~~water~~ (for sediment sampling) total 8 ft, sample 8 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA66

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1652

Depth of water ^{boring} (for sediment sampling) total 2 ft, sample 2 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

Auger refusal at 2 ft, hit the edge of the pipe

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA 67
Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1740

Depth of ^{boring} ~~water~~ (for sediment sampling) total 6 ft, sample 6 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA68

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather partly cloudy, slight breeze, temp 80-85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1751

Depth of ^{boring} water (for sediment sampling) total 6 ft, sample 4 ft

Decontamination (page number reference) CDAP 8-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA 69

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Cloudy, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1100

Depth of ^{boring} water (for sediment sampling) total 6 ft, sample 3 ft

Decontamination (page number reference) CDAP 8-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA70

Samplers Used DHoward, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Cloudy, slight breeze, temp 75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1035

Depth of water ^{boring} ~~(for sediment sampling)~~ total 6ft, sample 6ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ✓

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard^{DH} Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA71 ^{+Dup}
Samplers Used D Howard, G Rowell, K Shinkus H728-HA117

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Cloudy, slight breeze, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0950

Depth of ^{boring} water (for sediment sampling) total: 6 ft, sample: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA 72

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather P Cloudy, chance of rain, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0855

Depth of ^{boring} ~~water~~ (for sediment sampling) total 6ft, sample 6ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95

Location H728-HA73

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Cloudy, chance of rain, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0924

Depth of ^{boring} water (for sediment sampling) total 6ft, sample: 6ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA 74

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Cloudy, slight breeze, temp 75°-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1422

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 6 ft, sample: 6 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA75

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Cloudy, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1444

Depth of ^{boring} water ~~(for sediment sampling)~~ total 7 ft, sample 6 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA76

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1520

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 8 ft sample 8 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95

Location H728-HA77

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1535

Depth of water ^{boring} (for sediment sampling) total: 4 ft sample: 4 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas Spoon

Trowel /

Hand corer

Hand auger ✓

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95

Location H728-HA78

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1618

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 6 ft, sample: 6 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA 79 + Dup
Samplers Used D Howard, G Rowell, K Shimkus H728-HA 118

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1640

Depth of ^{boring} ~~water~~ (for sediment sampling) total 16 ft, sample 16 ft

Decontamination (page number reference) DAP B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA80

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1735

Depth of water ^{boring} (for sediment sampling) total 6 ft, ^{0th} hole sample 16 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-HA81

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1747

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 4 ft, sample: 4 ft.

Decontamination (page number reference) CDA B-37

Spoons or spatulas Spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/21/95 Location H728-1A82

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1800

Depth of ^{boring} water (for sediment sampling) total 2 ft, sample 2 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/22/95

Location H 728-HA83

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Partly cloudy, slight breeze, temp 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0807

Depth of ^{boring} ~~water~~ (for sediment sampling) total 3ft, sample 3ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/22/95

Location H 728-HA 84

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 65-70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0850

Depth of water ^{boring} (for sediment sampling) total 6 ft, sample 6 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ✓

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/22/95 Location H 728-HA 85 + Dup
Samplers Used D Howard, G Rowell, K Shimkus H 728-HA 119

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0937

Depth of water ^{boring} (for sediment sampling) total: 6 ft, sample: 2 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/22/95 Location H728-HA86

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1027

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 4 ft, sample: 4 ft

Decontamination (page number reference) CAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ✓

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

Auger refusal at 4.5 feet

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/22/95

Location H728-HA 87

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1044

Depth of water ^{boring} (for sediment sampling) total: 5ft, sample: 5ft

Decontamination (page number reference) DAP 8-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/22/95 Location H728-HA88

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1104

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 2 ft, sample: 2 ft.

Decontamination (page number reference) DAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ✓

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

Auger refusal at 2.5 ft

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date ^{DT} 6/22/95 Location H728-HA89

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1116

Depth of water ^{boring} (for sediment sampling) total: 2 ft,

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ✓

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

Auger refusal at 2 ft

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA90

Samplers Used K Shinkus, G Rowell

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp $\approx$ 75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0845

Depth of water ^{boring} (for sediment sampling) total: 5 ft, sample: 5 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA91

Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp = 75° F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0915

Depth of ^{boring} ~~water (for sediment sampling)~~ total 2 ft, sample: 2 ft

Decontamination (page number reference) B-37 CDAP

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

Auger refusal at 2 ft

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA92
Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp 75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0920

Depth of ^{boring} ~~water (for sediment sampling)~~ total 1 ft, sample 1 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

Auger refusal refusal at 1 ft

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA 93
Samplers Used Growell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp ~ 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1200

Depth of ^{boring} water (for sediment sampling) total 4 ft, sample 4 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA94
Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp $\approx$ 80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1240

Depth of ^{boring} ~~water~~ (for sediment sampling) total: 3ft, sample: 3ft

Decontamination (page number reference) B-37 CDAP

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

David Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA 95

Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp = 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1310

Depth of ^{boring} water (for sediment sampling) total: 4ft, sample: 4ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95

Location H728-HA96

Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, temp $\approx$ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1350

Depth of ^{boring} ~~water~~ (for sediment sampling) total 13 ft, sample 13 ft.

Decontamination (page number reference) CHAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA97
Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, Temp $\approx$ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1605

Depth of water ^{boring} ~~(for sediment sampling)~~ total: 4 ft, sample: 4 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA98
Samplers Used G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, temp $\approx$ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1630

Depth of ^{boring} ~~water (for sediment sampling)~~ total: 4ft, sample: 3ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA99+Dup
Samplers Used G Rowell, K Shimkus H728-HA120

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, temp $\approx$ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1710

Depth of ^{boring} water (for sediment sampling) total 4 ft, sample: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA 100
Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, temp $\approx$ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1745

Depth of water ^{boring} ~~(for sediment sampling)~~ total: 4 ft, sample: 4 ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H 728-HA101

Samplers Used G Rowell, K Shinkas

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, temp $\approx$ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1750

Depth of water ^{boring} (for sediment sampling) total: 3ft, sample 3ft.

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

Auger refusal at 3ft

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/27/95 Location H728-HA102

Samplers Used G. Rowell, K. Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather clear, temp ~ 85°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1825

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 1 ft, sample: 1 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

Auger refused at 1.5 ft.

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/28/95 Location H728-HA103
Samplers Used G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp. $\approx$ 70°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0900

Depth of ^{boring} ~~water (for sediment sampling)~~ total: 3ft, sample: 3ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/28/95 Location H 728-HA104

Samplers Used G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Clear, temp. $\approx$ 75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 0930

Depth of ^{boring} water (for sediment sampling) total 3ft, sample 3ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date _____

Location 728 HA 105 → 121

Samplers Used _____

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

*THERE ARE NO LOCATIONS HA 105 → HA 121
DUE TO THE MISSING LEG ON PIPELINE A.*

Weather _____

Soil/sediment sampling parameters:

Description of sample _____

Time of sample collection _____

Depth of water (for sediment sampling) _____

Decontamination (page number reference) _____

Spoons or spatulas _____

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA122

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1035

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 3 ft, sample: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA123

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 70-75°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1048

Depth of ^{boring} water (for sediment sampling) total: 3ft, sample: 3ft

Decontamination (page number reference) CPAP B-37

Spoons or spatulas spoon

Trowel _____

Hand corer _____

Hand auger ☒

Bowls _____

Split spoons _____

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA124

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1102

Depth of ^{boring} water ~~(for sediment sampling)~~ total: 3 ft, sample 3 ft

Decontamination (page number reference) DAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA125 & Dup
Samplers Used D Howard, G Rowell, K Shimkus H728-HA132

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1130

Depth of ^{boring} ~~water~~ (for sediment sampling) total 13 ft, sample: 3 ft

Decontamination (page number reference) CAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA^{DH}32 126

Samplers Used D Howard, G Rowell, K Shimkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1147

Depth of ^{boring} water (for sediment sampling) total: 3 ft, sample: 3 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6/20/95 Location H728-HA 127

Samplers Used D Howard, G Rowell, K Shinkus

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Weather Overcast, slight breeze, temp 75-80°F

Soil/sediment sampling parameters:

Description of sample see boring log

Time of sample collection 1202

Depth of water ^{boring} ~~(for sediment sampling)~~ total: 2 ft, sample 2 ft

Decontamination (page number reference) CDAP B-37

Spoons or spatulas spoon

Trowel

Hand corer

Hand auger ☒

Bowls

Split spoons

Photograph frame numbers

Signature (of field team personnel making data entry)

Daniel Howard

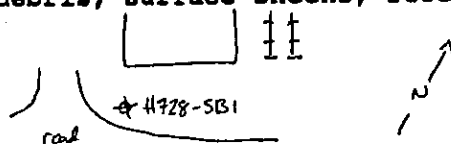
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 1 Aug 95

Location H728-SB1 1-3 ft

Samplers Used 2 Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Silty sand

Time of sample collection 1215

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) [Signature]

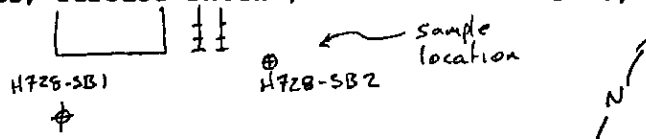
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 1 Aug 95

Location H728-SB2 5-7'

Samplers Used 3" split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Silty sand

Time of sample collection 1615

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) —

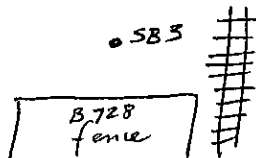
Blair L. L.

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/1/95 Location H. 728-5B3

Samplers Used Split spoon, ss. spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather PC, Hot, humid, 7-8brms

Soil/sediment sampling parameters:

Description of sample Br. Sand, sl. clayey

Time of sample collection 1055 8/1/95

Depth of water (for sediment sampling) —

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons p. B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) D. Houghton

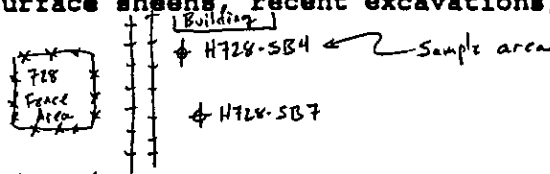
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 2 Aug 95

Location H728-SB4 3-5ft

Samplers Used Split Spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Silty sand

Time of sample collection 0940

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

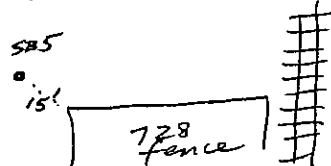
Signature (of field team personnel making data entry) [Signature]

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/1/95 Location H728-SB 5

Samplers Used split spoon, ss spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather PC, hot, humid, T-storms

Soil/sediment sampling parameters:

Description of sample Br. sand, sl. clayey

Time of sample collection 1435 8/1/95

Depth of water (for sediment sampling) —

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons p. B-37

Photograph frame numbers NA

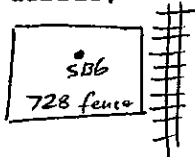
Signature (of field team personnel making data entry) D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/2/95 Location H728-SB6

Samplers Used split spoon, ss spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Rainy, v. windy, warm.

Soil/sediment sampling parameters:

Description of sample Br. Sand, some clay

Time of sample collection 0920

Depth of water (for sediment sampling) —

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons p. B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) D. Humphreys

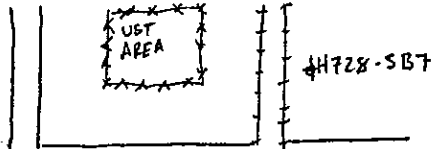
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 2 Aug 95

Location H728-SB7 3-5 ft

Samplers Used 3" Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Silty sand

Time of sample collection 1215

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) Robert L. ZL

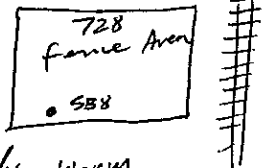
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/2/95

Location H 728 - SB 8

Samplers Used split spoon, SS spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Rainy, v. windy, warm

Soil/sediment sampling parameters:

Description of sample Br. Sand, some clay

Time of sample collection 11:45

Depth of water (for sediment sampling) —

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons p. B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 3 Aug 95

Location H728-SB1 1-3 ft

Samplers Used Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Fine sand, trace silt

Time of sample collection 1200

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas p. B-37

Trowel

Hand corer

Hand auger

Bowls

Split spoons p. B-37

Photograph frame numbers

Signature (of field team personnel making data entry)

[Handwritten signature]

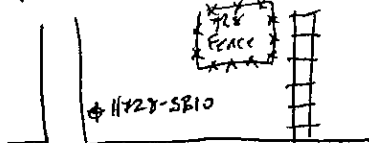
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 3 Aug 95

Location H728-SB10 3-5'

Samplers Used Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Fine sand, trace silt

Time of sample collection 1500

Depth of water (for sediment sampling) -

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel

Hand corer

Hand auger

Bowls

Split spoons p. B-37

Photograph frame numbers

Signature (of field team personnel making data entry)

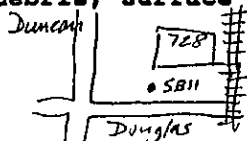
[Handwritten signature]

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/3/95 Location H728- SB11

Samplers Used split spoon, ss spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Rain; Windy, warm

Soil/sediment sampling parameters:

Description of sample Gray clayey sand

Time of sample collection 1822 8/3/95

Depth of water (for sediment sampling) -

Decontamination (page number reference) Walton CDA

Spoons or spatulas p B-37

Trowel -

Hand corer -

Hand auger -

Bowls -

Split spoons p B-37

Photograph frame numbers -

Signature (of field team personnel making data entry) D. Humphreys

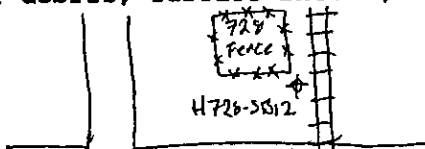
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 4 Aug 95

Location H728-SB12 3-5ft

Samplers Used Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Silty sand

Time of sample collection 0940

Depth of water (for sediment sampling) —

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons p. B-37

Photograph frame numbers p. DAL

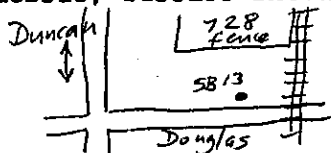
Signature (of field team personnel making data entry) Rhonda Lee

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/3/95 Location W 728-SB13

Samplers Used split spoon, ss spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Rainy, windy

Soil/sediment sampling parameters:

Description of sample tan clayey sand

Time of sample collection 1410

Depth of water (for sediment sampling) -

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas pB-37

Trowel

Hand corer

Hand auger

Bowls

Split spoons pB-37

Photograph frame numbers

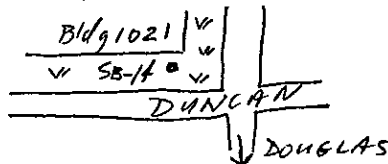
Signature (of field team personnel making data entry) D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/4/95 Location H 728-SB14

Samplers Used split spoon, SS spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Mostly cloudy, rainy, breezy, hot, humid

Soil/sediment sampling parameters:

Description of sample Br. clayey sand

Time of sample collection 0915 5-7'

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons p. B-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 4 Aug 95

Location H728-SB15 S-7'

Samplers Used Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

H728-SB15
Hanger 843

Weather Hot, humid, partly cloudy, windy

Soil/sediment sampling parameters:

Description of sample Fine sand, trace silt

Time of sample collection 1425

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

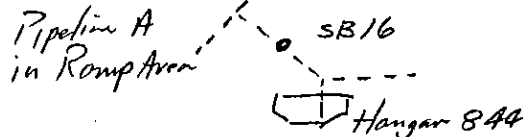
Signature (of field team personnel making data entry) [Signature]

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/4/95 Location H 728 - SB16

Samplers Used split spoon, SS spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Mostly cloudy, Hot, humid

Soil/sediment sampling parameters:

Description of sample Br. sand

Time of sample collection 1414 1-6'

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas PB-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons PB-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8 Aug 95

Location H728-SB17 5-7'

Samplers Used 3" Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

Hangar
850

Temporary
Hangars

H728-SB17



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Fine sand

Time of sample collection _____

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons p. B-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

[Handwritten signature]

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 9 Aug 95 Location H728-SB18 5-7'

Samplers Used 3' split spoon sampler

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

ϕ
H728-SB18
← Tarmac →

Weather Hot, humid, cloudy

Soil/sediment sampling parameters:

Description of sample Fine sand

Time of sample collection 0835

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work Plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) Phil L.

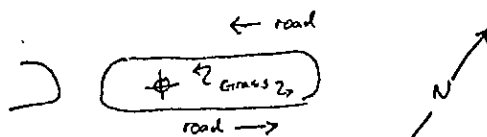
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6 Aug 95

Location H728-SB19 5-7ft

Samplers Used 2" Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Sand

Time of sample collection 0900

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

Signature (of field team personnel making data entry) Robert L. L.

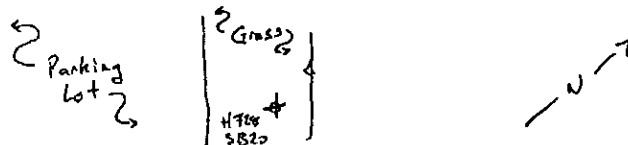
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6 Aug 95

Location H728-SB20 5-7ft

Samplers Used 2" Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Sand

Time of sample collection 1010

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas CDAP B-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons CDAP B-37

Photograph frame numbers ~~CDAP B-37~~ RAL

Signature (of field team personnel making data entry) _____

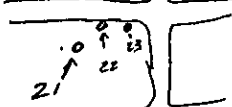
[Handwritten Signature]

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/8/95 Location H 728-5B 21

Samplers Used ss spoon, split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Overcast, hot, humid 860

Soil/sediment sampling parameters:

Description of sample Br Sand.

Time of sample collection 12:21 5-7

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Work plan CDAP

Spoons or spatulas p B-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons p B-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

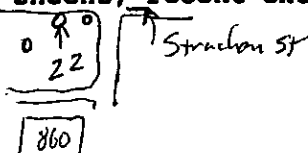
D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/8/95 Location H728-SB 22

Samplers Used split spoon, SS spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Overcast, hot, humid

Soil/sediment sampling parameters:

Description of sample Dr Br Sand

Time of sample collection 1405 3-5

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas B-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons B-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

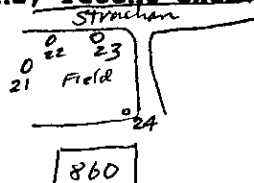
D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/9/95 Location H728 - SB 23

Samplers Used split spoon, ss spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Mostly sunny, hot, humid

Soil/sediment sampling parameters:

Description of sample Br silty sand

Time of sample collection 15:13 3-5'

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p B-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons p B-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

D. Humphreys

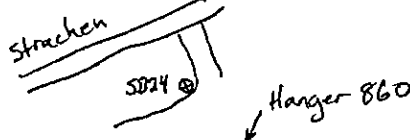
FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 6 Aug 95

Location H728-SB24

Samplers Used Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample Fine sand

Time of sample collection 1500

Depth of water (for sediment sampling) —

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p. B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons p. B-37

Photograph frame numbers —

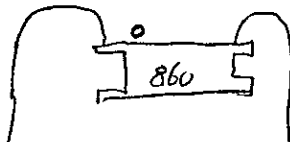
Signature (of field team personnel making data entry) [Signature]

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/7/95 Location H728-SB25

Samplers Used split spoon, SS spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather PC, hot, humid, breezy

Soil/sediment sampling parameters:

Description of sample Black silty Sand, staining

Time of sample collection 1028 7-9'

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas PB-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons PB-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

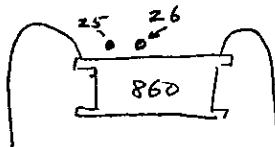
D. Houghton

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/7/95 Location H728-SB26

Samplers Used split spoons, ss spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather PC, hot, humid
breezy

Soil/sediment sampling parameters:

Description of sample dk br silty sand

Time of sample collection 0955 3-5'

Depth of water (for sediment sampling) -

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas p B-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons p B-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 7 Aug 95

Location H728-SB27 1-3 ft

Samplers Used Split spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)

----- * - - - - - pipeline "B"
Tarmac

Weather Hot, humid, partly cloudy

Soil/sediment sampling parameters:

Description of sample silty sand

Time of sample collection 1415

Depth of water (for sediment sampling) —

Decontamination (page number reference) Work Plan CDAP

Spoons or spatulas CDAP B-37

Trowel —

Hand corer —

Hand auger —

Bowls —

Split spoons CDAP B-37

Photograph frame numbers —

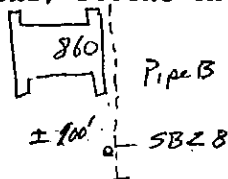
Signature (of field team personnel making data entry) [Signature]

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/7/95 Location H 728 - SB28

Samplers Used split spoon, ss spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather PC, Hot, Humid, windy

Soil/sediment sampling parameters:

Description of sample DK Br Silty Sand

Time of sample collection 1343

Depth of water (for sediment sampling) Dr Br

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas PB-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons PB-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

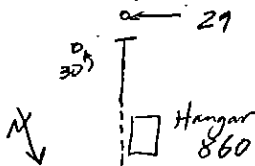
D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8/9/95 Location H 728-SB 29 (-53 Dup)

Samplers Used split spoon, SS spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Overcast, warm, humid

Soil/sediment sampling parameters:

Description of sample DK Br silty sand

Time of sample collection 0851 5-7

Depth of water (for sediment sampling) _____

Decontamination (page number reference) Workplan GDAP

Spoons or spatulas PB-37

Trowel _____

Hand corer _____

Hand auger _____

Bowls _____

Split spoons PB-37

Photograph frame numbers _____

Signature (of field team personnel making data entry) _____

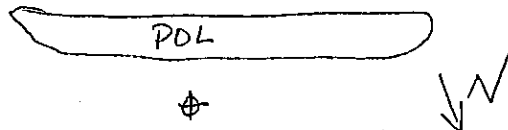
D. Humphreys

FIELD LOGBOOK SOIL/SEDIMENT SAMPLING DATA

Date 8-15-95 Location H720-SB 30

Samplers Used Split Spoon

Drawing of sampling location (including location description as well as the presence of debris, surface sheens, recent excavations, vegetation, etc.)



Weather Hot ~ 95° / Humid / Clear

Soil/sediment sampling parameters:

Description of sample DK. brown silty sand

Time of sample collection 1440

Depth of water (for sediment sampling) —

Decontamination (page number reference) Workplan CDAP

Spoons or spatulas —

Trowel —

Hand corer —

Hand auger —

Bowls Aluminum pie pan

Split spoons —

Photograph frame numbers —

Signature (of field team personnel making data entry) M. Russell



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW1

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9-8-95 Time start 1645 End 1705

Well secured upon arrival? (Y)N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.83

2. Depth of water from T.O.C. 2.40 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.2 ft

3. = 5.50 gallons to purge

4. Feet of standing water (h) 10.80 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (10.80 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = \underline{1.83} \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.83</u> gal.	<u>6.62</u>	<u>260</u>	<u>79.1</u>
2. Well volume =	<u>3.67</u> gal.	<u>6.55</u>	<u>240</u>	<u>78.8</u>
3. Well volume =	<u>5.50</u> gal.	<u>6.45</u>	<u>228</u>	<u>78.3</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL - BTEX

Sample Description _____

Odor: None

Color: light gray

Appearance: cloudy, slightly turbid

Weather Conditions: overcast, windy, temp ~ 75°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: 120 ppm

COMMENTS: Collected at 1710

Collected metal only 9/7/95 / 0810



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw2

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9-6-95 Time start 1720 End 1726

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.57

2. Depth of water from T.O.C. 4.54 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.8 ft

3. = 4.72 gallons to purge

4. Feet of standing water (h) 9.26 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (9.26 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.57 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.57</u> gal.	<u>6.63</u>	<u>125</u>	<u>74.8</u>
2. Well volume =	<u>3.14</u> gal.	<u>6.37</u>	<u>127</u>	<u>74.4</u>
3. Well volume =	<u>4.72</u> gal.	<u>6.27</u>	<u>125</u>	<u>74.8</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCC-BTEX

Sample Description

Odor: None

Color: light brown

Appearance: cloudy, turbid

Weather Conditions: overcast, windy, Temp. $\approx 75^\circ\text{F}$

Air Monitoring Equipment used: 001

Reading: Breathing zone: 0

In Well: 1060 ppm

COMMENTS: Sample time 1730

Depth sample was also collected at this location

Collected sample for metals only 0820 / 9/7/95



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H 728-MW3

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9-6-95 Time start 1745 End 1655

Well secured upon arrival? ☒ IN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.30

2. Depth of water from T.O.C. 4.97 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 12.6 ft

3. = 3.90 gallons to purge

4. Feet of standing water (h) 7.63 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (7.63 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.30 \text{ gal}$$

	pH	Conductivity	Temperature, (C)
1. Well volume = <u>1.30</u> gal.	<u>5.98</u>	<u>157</u>	<u>79.2</u>
2. Well volume = <u>2.60</u> gal.	<u>5.91</u>	<u>158</u>	<u>79.4</u>
3. Well volume = <u>3.90</u> gal.	<u>5.93</u>	<u>150</u>	<u>79.3</u>
4. Well volume = _____ gal.	_____	_____	_____
5. Well volume = _____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor Field preservation - HCL-BTEX

Sample Description _____

Odor: None

Color: light brown

Appearance: cloudy

Weather Conditions: overcast, windy, temp ~ 75°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: 0

In Well: 105 ft

COMMENTS: Duplicate sample H728-MW3₃ was also collected at this location 7810 1805

Sample time 1800

Metals only date/time: 9/8/95 / 0830



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW4

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9/7/95 Time start 1548 End 1600

Well secured upon arrival? ☒ Y ☐ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 2.67 ft

3. Depth of well from T.O.C. 13.4 ft

4. Feet of standing water (h) 10.73 ft

1. Standing water (gal.) = 1.82

2. X 3 well volumes

3. = 5.47 gallons to purge

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (10.73 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = \underline{1.82} \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.82</u> gal.	<u>5.88</u>	<u>221</u>	<u>82.3</u>
2. Well volume =	<u>3.64</u> gal.	<u>6.15</u>	<u>222</u>	<u>80.4</u>
3. Well volume =	<u>5.47</u> gal.	<u>6.23</u>	<u>221</u>	<u>80.3</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____
Ground water sample	_____	_____	_____	_____
Sampling method -	<u>Teflon Bailor</u>	_____	Field preservation -	<u>HCL- BTEX</u>

Sample Description

Odor: Petroleum odor

Color: dark gray

Appearance: turbid, cloudy

Weather Conditions: partly cloudy, slight breeze, temp $\approx$ 80°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: > 1060

COMMENTS: Sample time 1605

**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**



SAMPLED BY: G. Rowell / D. Howard

WELL ID: 11728-MW5

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9-6-95 Time start 1810 End 1821

Well secured upon arrival? ☒ Y ☐ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 4.83 ft

3. Depth of well from T.O.C. 13.3 ft

4. Feet of standing water (h) 8.47 ft

1. Standing water (gal.) = 1.44

2. X 3 well volumes

3. = 4.31 gallons to purge

4. Purging Method Teflon

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (8.47 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.44 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.44</u> gal.	<u>5.77</u>	<u>54.6</u>	<u>78.6</u>
2. Well volume =	<u>2.88</u> gal.	<u>5.48</u>	<u>57.9</u>	<u>79.0</u>
3. Well volume =	<u>4.31</u> gal.	<u>5.50</u>	<u>59.7</u>	<u>78.8</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL-BTEX

Sample Description _____

Odor: none

Color: brown

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp ≈ 75°F

Air Monitoring Equipment used: DVA

Reading: Breathing zone: Ø

In Well: Ø

OMMENTS: Sample time 1825

Metals only date/time 9/7/95/0838



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Russell / D. Howard

WELL ID: H720-mw6

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 1522 End 1532

Well secured upon arrival? YIN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 4.09 ft

3. Depth of well from T.O.C. 12.9 ft

4. Feet of standing water (h) 8.81 ft

1. Standing water (gal.) = 1.50

2. X 3 well volumes

3. = 4.5 gallons to purge

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (8.81 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = \underline{1.50} \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.5</u> gal.	<u>4.97</u>	<u>480</u>	<u>82.8</u>

2. Well volume =	<u>3.0</u> gal.	<u>4.71</u>	<u>505</u>	<u>82.2</u>
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3. Well volume =	<u>4.5</u> gal.	<u>5.08</u>	<u>540</u>	<u>81.0</u>
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4. Well volume =	_____ gal.	_____	_____	_____
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5. Well volume =	_____ gal.	_____	_____	_____
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Ground water sample	_____	_____	_____	_____
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Sampling method -	<u>Teflon Bailer</u>	Field preservation -	<u>HCL - DTEX</u>
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Sample Description _____

Odor: petroleum odor

Color: brown

Appearance: cloudy turbid

Weather Conditions: partly cloudy, slight breeze, temp $\approx$ 80°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: >1000

COMMENTS: Sample time 1535



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW7

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 1610 End 1623

Well secured upon arrival? YN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 3.17 ft

3. Depth of well from T.O.C. 13.5 ft

4. Feet of standing water (h) 10.33 ft

1. Standing water (gal.) = 1.75

2. X 3 well volumes

3. = 5.26 gallons to purge

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (10.33 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.75 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.75</u> gal.	<u>5.83</u>	<u>102</u>	<u>82.7</u>
2. Well volume =	<u>3.51</u> gal.	<u>5.59</u>	<u>98</u>	<u>81.8</u>
3. Well volume =	<u>5.26</u> gal.	<u>5.53</u>	<u>97</u>	<u>81.4</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____
Ground water sample	_____	_____	_____	_____
Sampling method -	<u>Teflon Bailor</u>	_____	_____	_____
Field preservation -	<u>HCL-BTEX</u>	_____	_____	_____

Sample Description

Odor: slight petroleum odor

Color: dark gray

Appearance: turbid, silty

Weather Conditions: overcast, ⁰⁴ slight breeze, temp ~80°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: 0

In Well: >1000

COMMENTS: Sample time 1625

FIELD LOG BOOK SAMPLING DATA: GROUNDWATER MONITORING WELL WORK SHEET



SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw9

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9-6-95 Time start 1832 End 1838

Well secured upon arrival? DN

1. Casing Diameter (d) 1 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.25

2. Depth of water from T.O.C. 5.72 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.1 ft

3. = 3.76 gallons to purge

4. Feet of standing water (h) 7.38 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (7.38 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.25 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.25</u> gal.	<u>4.80</u>	<u>392</u>	<u>77.3</u>
2. Well volume =	<u>2.51</u> gal.	<u>4.74</u>	<u>350</u>	<u>77.3</u>
3. Well volume =	<u>3.76</u> gal.	<u>4.83</u>	<u>324</u>	<u>77.3</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCL-BTEX

Sample Description _____

Odor: None

Color: gray

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: DVA

Reading: Breathing zone: Ø

In Well: 2

COMMENTS: Collection time 1840



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW10

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9-6-95 Time start 1850 End 1900

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.27

2. Depth of water from T.O.C. 5.44 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 12.9 ft

3. = 3.80 gallons to purge

4. Feet of standing water (h) 7.46 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (7.46 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.27 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.27</u> gal.	<u>5.34</u>	<u>107</u>	<u>77.9</u>
2. Well volume =	<u>2.53</u> gal.	<u>5.49</u>	<u>68.2</u>	<u>77.9</u>
3. Well volume =	<u>3.80</u> gal.	<u>5.47</u>	<u>127</u>	<u>77.7</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCL - BTX

Sample Description _____

Odor: none

Color: gray

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: DVA

Reading: Breathing zone: Ø

In Well: 10 ppm

COMMENTS: Collection time 1905



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw11

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9-6-95 Time start 1907 End 1913

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.14

2. Depth of water from T.O.C. 5.59 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 12.3 ft

3. = 3.42 gallons to purge

4. Feet of standing water (h) 6.71 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (6.71 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.14 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.14</u> gal.	<u>5.19</u>	<u>177</u>	<u>77.6</u>
2. Well volume =	<u>2.28</u> gal.	<u>5.32</u>	<u>129</u>	<u>77.7</u>
3. Well volume =	<u>3.42</u> gal.	<u>5.45</u>	<u>100</u>	<u>77.5</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCL-BTEX

Sample Description

Odor: slight odor

Color: light gray

Appearance: cloudy, turbid

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: Ø

COMMENTS: Collection time 1915

FIELD LOG BOOK SAMPLING DATA: GROUNDWATER MONITORING WELL WORK SHEET



SAMPLED BY: G. Rowell / D. Howard

WELL ID: H-728-mw12

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 1450 End 1458

Well secured upon arrival? ☒ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.66

2. Depth of water from T.O.C. 3.14 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 12.9 ft

3. = 4.97 gallons to purge

4. Feet of standing water (h) 9.76 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (9.76 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.66 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.66</u> gal.	<u>5.98</u>	<u>366</u>	<u>82.0</u>
2. Well volume =	<u>3.31</u> gal.	<u>6.08</u>	<u>253</u>	<u>81.3</u>
3. Well volume =	<u>4.97</u> gal.	<u>6.12</u>	<u>244</u>	<u>81.4</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____
Ground water sample	_____	_____	_____	_____
Sampling method -	<u>Teflon Bailor</u>	_____	Field preservation -	<u>HCL-PTX</u>

Sample Description

Odor: petroleum odor

Color: dark gray

Appearance: turbid,

Weather Conditions: partly cloudy, slight breeze, temp. $\approx$ 80°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: >1000

COMMENTS: Sample time 1500

**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**



SAMPLED BY: G. Powell / D. Howard

WELL ID: H728-MW13

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9/7/95. Time start 1647 End 1648

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.45

2. Depth of water from T.O.C. 5.44 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 14.8 ft

3. = 4.36 gallons to purge

4. Feet of standing water (h) 8.56 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume = $\pi [(d)^2 + 4] (h)$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (8.56 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.45 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.45</u> gal.	<u>5.64</u>	<u>150</u>	<u>81.1</u>
2. Well volume =	<u>2.91</u> gal.	<u>5.49</u>	<u>151</u>	<u>80.2</u>
3. Well volume =	<u>4.36</u> gal.	<u>5.48</u>	<u>141</u>	<u>79.5</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____
Ground water sample	_____	_____	_____	_____
Sampling method -	<u>Teflon Bailor</u>		Field preservation -	<u>HCL - BTEX</u>

Sample Description _____

Odor: _____

Color: _____

Appearance: _____

Weather Conditions: _____

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: 750

COMMENTS: Sample times 1700

Duplicate sample H728-MW33 collected at 1705

FIELD LOG BOOK SAMPLING DATA: GROUNDWATER MONITORING WELL WORK SHEET



SAMPLED BY: G. Howell / D. Howard

WELL ID: H728-MW14

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 1410 End 1420

Well secured upon arrival? ☒ Y ☐ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.33

2. Depth of water from T.O.C. 6.17 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 14.8 ft

3. = 3.99 gallons to purge

4. Feet of standing water (h) 7.83 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume = $\pi [(d)^2 \div 4] (h)$

$$= 3.14 [(0.17 \text{ ft})^2 \div 4] (7.83 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.33 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.33</u> gal.	<u>5.58</u>	<u>234</u>	<u>81.3</u>
2. Well volume =	<u>2.66</u> gal.	<u>5.40</u>	<u>236</u>	<u>80.5</u>
3. Well volume =	<u>3.99</u> gal.	<u>5.35</u>	<u>230</u>	<u>80.7</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor Field preservation - HCL-BTEX

Sample Description _____

Odor: None

Color: light gray

Appearance: cloudy

Weather Conditions: partly cloudy, slight breeze, temp $\approx$ 80°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: 20

OMMENTS: Sample time 1425

MS/MSD collected

**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**



SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw15

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 1338 End 1344

Well secured upon arrival? ☒ Y ☐ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 8.40 ft

3. Depth of well from T.O.C. 12.9 ft

4. Feet of standing water (h) 4.5 ft

1. Standing water (gal.) = 0.76

2. X 3 well volumes

3. = 2.29 gallons to purge

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (4.5 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 0.76 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>0.76</u> gal.	<u>6.27</u>	<u>292</u>	<u>82.7</u>
2. Well volume =	<u>1.53</u> gal.	<u>6.44</u>	<u>233</u>	<u>82.7</u>
3. Well volume =	<u>2.29</u> gal.	<u>6.56</u>	<u>233</u>	<u>83.0</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCL-BTEX

Sample Description

Odor: None

Color: light brown

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp ~ 80°F

Air Monitoring Equipment used: DVA

Reading: Breathing zone: ☒ ☐

In Well: ☒ ☐

COMMENTS: sample collected 1345



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW16

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9/7/95 Time start 1320 End 1327

Well secured upon arrival? ☒ Y ☐ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.15

2. Depth of water from T.O.C. 6.22 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.0 ft

3. = 3.45 gallons to purge

4. Feet of standing water (h) 6.78 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (6.78 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.15 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.15</u> gal.	<u>5.74</u>	<u>151</u>	<u>83.9</u>
2. Well volume =	<u>2.30</u> gal.	<u>5.81</u>	<u>162</u>	<u>84.6</u>
3. Well volume =	<u>3.45</u> gal.	<u>5.93</u>	<u>163</u>	<u>85.0</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____
Ground water sample	_____	_____	_____	_____
Sampling method -	<u>Teflon Bailer</u>	_____	Field preservation -	<u>HCL-BTEX</u>

Sample Description

Odor: None

Color: brown

Appearance: cloudy turbid

Weather Conditions: overcast, slight breeze, temp 75-80°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: ☒

In Well: ☒

COMMENTS: Sample time 1330

**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**



SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW17

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/2/95 Time start 1230 End 1244
1238

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.07

2. Depth of water from T.O.C. 6.69 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.8 ft

3. = 3.21 gallons to purge

4. Feet of standing water (h) 6.31 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (6.31 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.07 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.07</u> gal.	<u>6.26</u>	<u>94.1</u>	<u>84.1</u>
2. Well volume =	<u>2.14</u> gal.	<u>5.89</u>	<u>95.1</u>	<u>85.1</u>
3. Well volume =	<u>3.21</u> gal.	<u>5.76</u>	<u>92.5</u>	<u>85.4</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL-BTEX

Sample Description _____

Odor: None

Color: very light brown

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: 2

COMMENTS: Sample time 1240



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw18

PROJECT NAME: Hunter ATF

LOCATION: B728

Date sampled: 9/7/95 Time start 1300 End 1307

Well secured upon arrival? ☒ IN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 0.86

2. Depth of water from T.O.C. 7.92 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.8 ft

3. = 2.59 gallons to purge

4. Feet of standing water (h) 5.08 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4](h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (5.08 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 0.86 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>0.86</u> gal.	<u>5.69</u>	<u>107</u>	<u>84.5</u>
2. Well volume =	<u>1.72</u> gal.	<u>5.52</u>	<u>108</u>	<u>85.1</u>
3. Well volume =	<u>2.59</u> gal.	<u>5.44</u>	<u>106</u>	<u>84.8</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor Field preservation - HCL-BTEX

Sample Description _____

Odor: none

Color: brown

Appearance: cloudy, turbid

Weather Conditions: overcast, slight breeze, temp 75-80°F

Air Monitoring Equipment used: DVA

Reading: Breathing zone: X

In Well: X

COMMENTS: sample time 1310

FIELD LOG BOOK SAMPLING DATA: GROUNDWATER MONITORING WELL WORK SHEET



SAMPLED BY: B. Rowell / D. Howard

WELL ID: H728-mw19

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9-6-95 Time start 1005 End 1031

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.21

2. Depth of water from T.O.C. 5.75 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 12.9 ft

3. = 3.64 gallons to purge

4. Feet of standing water (h) 7.15 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (7.15 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.21 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.21</u> gal.	<u>5.76</u>	<u>57.7</u>	<u>75.7</u>
2. Well volume =	<u>2.23</u> gal.	<u>6.25</u>	<u>—</u>	<u>76.9</u>
3. Well volume =	<u>3.64</u> gal.	<u>5.56</u>	<u>61.9</u>	<u>76.4</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____
Ground water sample	_____	_____	_____	_____

Sampling method - Teflon Bailor

Field preservation - _____

Sample Description

Odor: None

Color: light brown

Appearance: cloudy

Weather Conditions: 72°F, Cloudy, lt. Rain

Air Monitoring Equipment used: DVA

Reading: Breathing zone: NA

In Well: Ø

COMMENTS: Sample time 1040

Took MS/MSD



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell

WELL ID: H728-mw20

PROJECT NAME: Hunter AAF

LOCATION: South of B 807

Date sampled: 9-6-95 Time start 0940 End 0951

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.06

2. Depth of water from T.O.C. 6.74 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.0 ft

3. = 3.19 gallons to purge

4. Feet of standing water (h) 6.26 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (6.26 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.06 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.06</u> gal.	<u>5.88</u>	<u>62.1</u>	<u>76.6</u>
2. Well volume =	<u>2.13</u> gal.	<u>5.98</u>	<u>59.8</u>	<u>78.0</u>
3. Well volume =	<u>3.19</u> gal.	<u>6.10</u>	<u>80.0</u>	<u>78.4</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCL-BTEX

Sample Description

Odor: None

Color: light brown

Appearance: turbid

Weather Conditions: ~72°F, Cloudy, lt. Rain

Air Monitoring Equipment used: DVA

Reading: Breathing zone: NA

In Well: Ø

COMMENTS: sample time 0955



**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw21

PROJECT NAME: Hunter AAF

LOCATION: FORMER Eastern Battery

Date sampled: 9-6-95 Time start 0905 End 0921

Well secured upon arrival? ☒ Y ☐ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.43

2. Depth of water from T.O.C. 4.78 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.2 ft

3. = 4.39 gallons to purge

4. Feet of standing water (h) 8.42 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (8.42 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.43 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.43</u> gal.	<u>5.12</u>	<u>75.6</u>	<u>76.3</u>
2. Well volume =	<u>2.86</u> gal.	<u>5.09</u>	<u>77.2</u>	<u>76.8</u>
3. Well volume =	<u>4.39</u> gal.	<u>5.0</u>	<u>87.6</u>	<u>76.6</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____
Ground water sample	_____	_____	_____	_____
Sampling method -	<u>Teflon Bailer</u>	_____	Field preservation -	_____

Sample Description

Odor: slight odor

Color: dark brown

Appearance: slity, very turbid

Weather Conditions: ~ 72°F, Cloudy, lt. rain

Air Monitoring Equipment used: OVA

Reading: Breathing zone: NA

In Well: 320 ppm

COMMENTS: Sample time 0925



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw22

PROJECT NAME: Hunter AAF

LOCATION: Former Eastern Battery

Date sampled: 9-6-95 Time start 0825 End 0900

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 2.12 ft

3. Depth of well from T.O.C. 12.5 ft

4. Feet of standing water (h) 10.38 ft

1. Standing water (gal.) = 1.76

2. X 3 well volumes

3. = 5.29 gallons to purge

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4](h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (10.38 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.76 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.76</u> gal.	<u>4.81</u>	<u>81.0</u>	<u>77°F</u>
2. Well volume =	<u>3.52</u> gal.	<u>4.77</u>	<u>82.3</u>	<u>78.2</u>
3. Well volume =	<u>5.29</u> gal.	<u>4.68</u>	<u>89.5</u>	<u>78.0</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCl; BETX

Sample Description

Odor: slight odor

Color: brown

Appearance: silty & turbid

Weather Conditions: ~72°F, Cloudy, lt. Rain

Air Monitoring Equipment used: OVA

Reading: Breathing zone: NA

In Well: >1000

COMMENTS: sample time 0905



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-mw23

PROJECT NAME: Hunter AAF

LOCATION: Former Eastern Battery

Date sampled: 9-6-95 Time start 0830 End 0850

Well secured upon arrival? YIN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 2.01

2. Depth of water from T.O.C. 1.16 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.0 ft

3. = 6.03 gallons to purge

4. Feet of standing water (h) 11.84 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (11.84 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 2.01 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>2.01</u> gal.	<u>6.16</u>	<u>74.6</u>	<u>74.3</u>
2. Well volume =	<u>4.02</u> gal.	<u>5.42</u>	<u>72.3</u>	<u>77.3</u>
3. Well volume =	<u>6.03</u> gal.	<u>5.34</u>	<u>69.1</u>	<u>77.2</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL-BTEX

Sample Description _____

Odor: slight odor

Color: Brown

Appearance: cloudy

Weather Conditions: ~72°F, Cloudy, H. Rain

Air Monitoring Equipment used: DVA

Reading: Breathing zone: NA

In Well: >1000 ppm

OMMENTS: Sampled @ 0855



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW24

PROJECT NAME: Hunter AAF

LOCATION: N. of B. 860

Date sampled: 9-6-95 Time start 0730 End 0755

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.33

2. Depth of water from T.O.C. 5.18 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.8 ft

3. = 3.99 gallons to purge

4. Feet of standing water (h) 7.82 ft

4. Purging Method Teflon Bailer

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (7.82 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = \underline{1.33} \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.33</u> gal.	<u>6.17</u>	<u>240</u>	<u>75.9</u>
2. Well volume =	<u>2.66</u> gal.	<u>6.47</u>	<u>273</u>	<u>76.5</u>
3. Well volume =	<u>3.99</u> gal.	<u>6.62</u>	<u>307</u>	<u>78.6</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailer

Field preservation - HCL-BTEX

Sample Description No sediment

Odor: Lt. Brown

Color: WDA P

Appearance: cloudy

Weather Conditions: Cloudy, chance of rain = 70°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: ND

In Well: ND

COMMENTS: sample time 0805

**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**



SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW25

PROJECT NAME: Hunter AAF

LOCATION: B 728

Date sampled: 9/7/95 Time start 1130 End 1146

Well secured upon arrival? GIN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 5.78 ft

3. Depth of well from T.O.C. 13.4 ft

4. Feet of standing water (h) 7.62 ft

1. Standing water (gal.) = 1.29

2. X 3 well volumes

3. = 3.88 gallons to purge

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (7.62 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.29 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.29</u> gal.	<u>6.16</u>	<u>993</u>	<u>80.7</u>
2. Well volume =	<u>2.59</u> gal.	<u>6.47</u>	<u>997</u>	<u>81.5</u>
3. Well volume =	<u>3.88</u> gal.	<u>6.59</u>	<u>8.80</u>	<u>80.8</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL - BTEX

Sample Description

Odor: fuel odor

Color: dark brown

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: DVA

Reading: Breathing zone: Ø

In Well: >1000

COMMENTS: Sample time 1150

Duplicate sample H728-MW32 collected time 1150

**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**



SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW 26

PROJECT NAME: Hunter AAF

LOCATION: B728

Date sampled: 9/7/95 Time start 1105 End 1120

Well secured upon arrival? ☒ Y / ☐ N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.42

2. Depth of water from T.O.C. 5.75 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 14.1 ft

3. = 4.25 gallons to purge

4. Feet of standing water (h) 8.35 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (8.35 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.42 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.42</u> gal.	<u>5.23</u>	<u>152</u>	<u>80.5</u>
2. Well volume =	<u>2.84</u> gal.	<u>5.23</u>	<u>167</u>	<u>81.4</u>
3. Well volume =	<u>4.25</u> gal.	<u>5.37</u>	<u>173</u>	<u>82.0</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL-BTEX

Sample Description

Odor: None

Color: dark brown

Appearance: cloudy, turbid

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: >1000

COMMENTS: Sample time 1125

Split sample collected at this location



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: C. Russell / D. Howard

WELL ID: H728-MW27

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 1040 End 1052

Well secured upon arrival? Y/N

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

2. Depth of water from T.O.C. 5.29 ft

3. Depth of well from T.O.C. 13.2 ft

4. Feet of standing water (h) 7.91 ft

1. Standing water (gal.) = 1.34

2. X 3 well volumes

3. = 4.03 gallons to purge

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (7.91 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.34 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.34</u> gal.	<u>5.59</u>	<u>202</u>	<u>83.3</u>
2. Well volume =	<u>2.69</u> gal.	<u>5.58</u>	<u>207</u>	<u>84.5</u>
3. Well volume =	<u>4.03</u> gal.	<u>5.55</u>	<u>207</u>	<u>85.0</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - ACL-BTEX

Sample Description _____

Odor: None

Color: rusty brown

Appearance: slightly cloudy

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: X

In Well: >1000

OMMENTS: Sample time 1055



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Russell / D. Howard

WELL ID: H728-MW28

PROJECT NAME: Hunter AAF

LOCATION: B.728

Date sampled: 9/7/95 Time start 1014 End 1023

Well secured upon arrival? RDN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.51

2. Depth of water from T.O.C. 4.91 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.8 ft

3. = 4.53 gallons to purge

4. Feet of standing water (h) 8.89 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (8.89 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.51 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.51</u> gal.	<u>5.55</u>	<u>203</u>	<u>82.6</u>
2. Well volume =	<u>3.02</u> gal.	<u>5.48</u>	<u>211</u>	<u>83.5</u>
3. Well volume =	<u>4.53</u> gal.	<u>5.51</u>	<u>214</u>	<u>83.3</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL-BTEX

Sample Description

Odor: None

Color: rusty brown

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: DVA

Reading: _____ Breathing zone: Ø

In Well: >1000

COMMENTS: sample time 1025



FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET

SAMPLED BY: G. Rowell / D. Howard

WELL ID: H728-MW29

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 0950 End 0958

Well secured upon arrival? YIN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.37

2. Depth of water from T.O.C. 4.73 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 12.8 ft

3. = 4.11 gallons to purge

4. Feet of standing water (h) 8.07 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft})^2 + 4] (8.07 \text{ ft}) \times 7.48 \text{ gal / ft}^3 = 1.37 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.37</u> gal.	<u>5.74</u>	<u>288</u>	<u>81.9</u>
2. Well volume =	<u>2.74</u> gal.	<u>5.77</u>	<u>249</u>	<u>82.9</u>
3. Well volume =	<u>4.11</u> gal.	<u>5.81</u>	<u>230</u>	<u>83.1</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL-BTEX

Sample Description _____

Odor: None

Color: brown rusty

Appearance: cloudy

Weather Conditions: overcast, slight breeze, temp. 70-75°F

Air Monitoring Equipment used: DVA

Reading: Breathing zone: 8

In Well: >1000

COMMENTS: Time collected: 1000

**FIELD LOG BOOK SAMPLING DATA:
GROUNDWATER MONITORING WELL WORK SHEET**



SAMPLED BY: G. Rowell / D. Howard

WELL ID: 1728-MW30

PROJECT NAME: Hunter AAF

LOCATION: B. 728

Date sampled: 9/7/95 Time start 0930 End 0940

Well secured upon arrival? YIN

1. Casing Diameter (d) 2 inches + 12 = 0.17 ft

1. Standing water (gal.) = 1.40

2. Depth of water from T.O.C. 4.78 ft

2. X 3 well volumes

3. Depth of well from T.O.C. 13.0 ft

3. = 4.19 gallons to purge

4. Feet of standing water (h) 8.22 ft

4. Purging Method Teflon Bailor

CALCULATION:

Standing water volume

$$= \pi [(d)^2 + 4] (h)$$

$$= 3.14 [(0.17 \text{ ft.})^2 + 4] (8.22 \text{ ft.}) \times 7.48 \text{ gal / ft.}^3 = 1.40 \text{ gal}$$

		pH	Conductivity	Temperature, (C)
1. Well volume =	<u>1.40</u> gal.	<u>5.54</u>	<u>390</u>	<u>82.9</u>
2. Well volume =	<u>2.79</u> gal.	<u>5.49</u>	<u>312</u>	<u>83.2</u>
3. Well volume =	<u>4.19</u> gal.	<u>5.46</u>	<u>305</u>	<u>83.2</u>
4. Well volume =	_____ gal.	_____	_____	_____
5. Well volume =	_____ gal.	_____	_____	_____

Ground water sample _____

Sampling method - Teflon Bailor

Field preservation - HCL-BTEX

Sample Description

Odor: None

Color: dark brown rusty

Appearance: turbid

Weather Conditions: overcast, slight breeze, temp 70-75°F

Air Monitoring Equipment used: OVA

Reading: Breathing zone: Ø

In Well: > 1000

COMMENTS: Time collected: 0945

APPENDIX G

MONITORING WELL SCHEMATICS

GROUND WATER INSTALLATION		PROJECT: <i>Hunter AAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB1</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>1 Aug 95</i>	SUPERVISOR: <i>R. Lawler</i>	WELL SITE: <i>Bldg 728</i>	WATER LEVEL: DEPTH/ELEV. <i>2.40 TOC / 16.80msl</i>	
FINISHED: <i>1 Aug 95</i>	DRILLER: <i>Tom Finkenbinder</i>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
GROUND SURFACE	0	19.5
	0	
	0.3	19.20
	1.0	
	2.0	
	3.2	
	13.2	
	13.7	
	14'	

GENERALIZED GEOLOGIC LOG

at sampling $\approx$

METHOD DRILLED: *HSA 6 1/4" LD*

METHOD DEVELOPED: *See develop sheet*

TIME DEVELOPED:

COMMENTS:

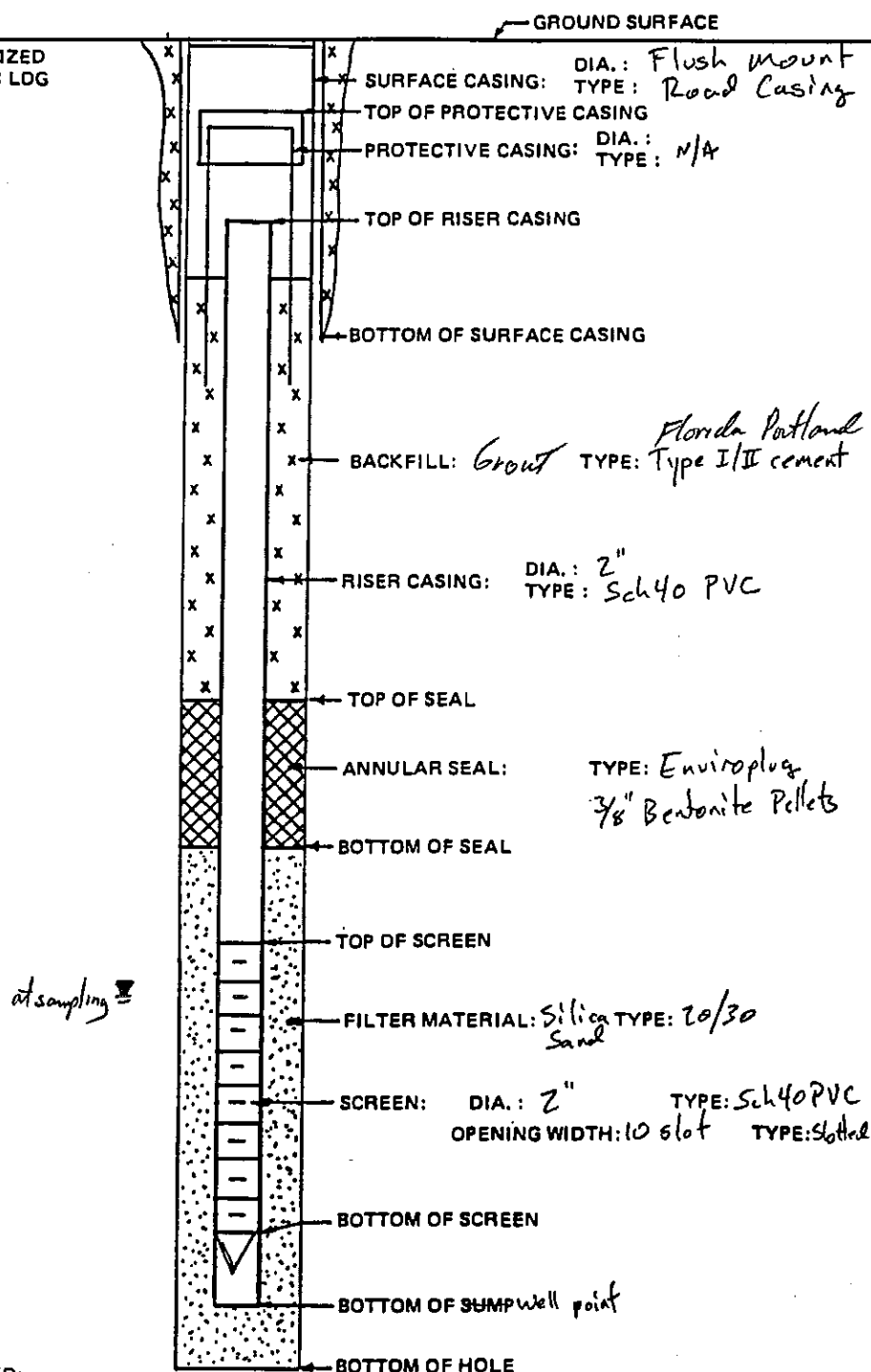
M&E
Metcalfe & Eddy

GROUND WATER INSTALLATION		PROJECT: <i>Hunter AAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB2</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>1 Aug 95</i>	SUPERVISOR: <i>R. Lawler</i>	WELL SITE: <i>Bldg 728</i>	WATER LEVEL: DEPTH/ELEV. <i>4.54 TOC / 15.97 msf</i>	
FINISHED: <i>1 Aug 95</i>	DRILLER: <i>Tom Finkenbinder</i>			

REFERENCE POINT & ELEVATION:

DEPTH IN ELEV. IN

GENERALIZED
GEOLOGIC LDG



0	20.8
0	
0.3	20.51
1.1	
2.0	
3.8	
13.8	
14.3	
14.5	

METHOD DRILLED:

HSA

METHOD DEVELOPED:

*See Develop
TIME DEVELOPED:
sheet*

HOLE DIAMETER

10"

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <u>HUNTER AAF</u>	JOB NO. <u>016602</u>	WELL NO. <u>H728-SB4</u>
DRILLING CONTRACTOR: <u>PSI</u>		COORDINATES:		
BEGUN: <u>2 Aug 95</u>	SUPERVISOR: <u>R. Lawler</u>	WELL SITE: <u>Bldg 728</u>	WATER LEVEL: DEPTH/ELEV <u>2.6770c / 16.07msl</u>	
FINISHED: <u>2 Aug 95</u>	DRILLER: <u>T. Finkenbinder</u>			

REFERENCE POINT & ELEVATION:	DEPTH IN FT	ELEV. IN MSL
GROUND SURFACE	0	19.1
	0	
	0.2	18.74
	—	
	1.5'	
	2.5'	
	3.4'	
	13.4'	
	13.9'	
	14'	

GENERALIZED GEOLOGIC LDG

SURFACE CASING: DIA.: Flush mount surface
 TYPE: Casing
 TOP OF PROTECTIVE CASING
 PROTECTIVE CASING: DIA.: N/A
 TYPE: N/A
 TOP OF RISER CASING
 BOTTOM OF SURFACE CASING
 BACKFILL: Grout TYPE: Florida Portland Type II/II cement
 RISER CASING: DIA.: 2"
 TYPE: Sch 40 PVC
 TOP OF SEAL
 ANNULAR SEAL: TYPE: Enviroplug
1/8 bentonite pellets
 BOTTOM OF SEAL
 TOP OF SCREEN
 FILTER MATERIAL: Silica Sand TYPE: 20-30
 SCREEN: DIA.: 2" TYPE: Sch 40 PVC
 OPENING WIDTH: 10 slot TYPE: slotted
 BOTTOM OF SCREEN
 BOTTOM OF ~~sump~~ well point
 BOTTOM OF HOLE
 HOLE DIAMETER
 10"

at sampling

METHOD DRILLED:
6 1/4 ID HSA

METHOD DEVELOPED:
See Develop sheet

TIME DEVELOPED:

COMMENTS:



GROUND WATER INSTALLATION		PROJECT: <i>HAAT</i>	JOB NO. <i>016602</i>	WELL NO. <i>H 728-SB5</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/1/95</i>	SUPERVISOR: <i>D. Humphreys</i>	WELL SITE: <i>B. 728</i>	WATER LEVEL: DEPTH/ELEV. <i>9.83 TOC / 15.54 wsl</i>	
FINISHED: <i>8/1/95</i>	DRILLER: <i>M. Gribble</i>			

REFERENCE POINT & ELEVATION:		DEPTH IN	ELEV. IN
GROUND SURFACE			20.7
TOP OF PROTECTIVE CASING			
TOP OF RISER CASING		0.4	20.37
BOTTOM OF SURFACE CASING			
BACKFILL: <i>Grout</i> TYPE: <i>Florida Portland Type I/II</i>			
TOP OF SEAL		1.5	
ANNULAR SEAL: TYPE: <i>Bentonite</i>			
BOTTOM OF SEAL		2.5	
TOP OF SCREEN		3.3	
FILTER MATERIAL: <i>Silica Sand</i> TYPE: <i>20/30</i>			
SCREEN: DIA.: <i>2"</i> TYPE: <i>PVC sch 40</i> OPENING WIDTH: <i>0.010"</i> TYPE: <i>slotted</i>			
BOTTOM OF SCREEN		13.3	
BOTTOM OF SUMP		13.8	
BOTTOM OF HOLE		14.0	

GENERALIZED GEOLOGIC LOG

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop Sheet

HOLE DIAMETER
10"

at sampling =

M&E
Metcalf & Eddy

GROUND WATER INSTALLATION		PROJECT: <i>HAAE</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB 6</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/2/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE: <i>B 728</i>	WATER LEVEL: DEPTH/ELEV. <i>4.09 TOC / 15.93 msf</i>	
FINISHED: <i>8/2/95</i>	DRILLER: <i>M. Gorbelle</i>			

REFERENCE POINT & ELEVATION:		DEPTH IN	ELEV. IN
			20.4
GENERALIZED GEOLOGIC LOG GROUND SURFACE SURFACE CASING: DIA.: <i>Flush</i> TYPE: <i>Mount Cover</i> TOP OF PROTECTIVE CASING PROTECTIVE CASING: DIA.: <i>NA</i> TYPE: <i>NA</i> TOP OF RISER CASING BOTTOM OF SURFACE CASING BACKFILL: <i>Grout</i> TYPE: RISER CASING: DIA.: <i>2"</i> TYPE: <i>PVC sch 40</i> TOP OF SEAL ANNULAR SEAL: TYPE: <i>Bentonite</i> BOTTOM OF SEAL TOP OF SCREEN FILTER MATERIAL: TYPE: <i>20/30 Silica Sand</i> SCREEN: DIA.: <i>2"</i> TYPE: <i>PVC sch 40</i> OPENING WIDTH: <i>10 slot</i> TYPE: <i>slotted</i> BOTTOM OF SCREEN BOTTOM OF SUMP BOTTOM OF HOLE HOLE DIAMETER <i>10"</i> <i>at sampling</i>		0.4	20.02
		1.5	
		2.5	
		2.9	
		12.9	
		13.5	
		14.0	

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop Sheet

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>Hunter AAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB7</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>2 Aug 95</i>	SUPERVISOR: <i>R. Lawler</i>	WELL SITE: <i>Bldg 728</i>	WATER LEVEL: DEPTH/ELEV. <i>3.17 DC / 16.00 MS1</i>	
FINISHED: <i>2 Aug 95</i>	DRILLER: <i>Tom Finkenbinder</i>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
GROUND SURFACE	0	19.6
	0	
	0.4	19.17
	NA	
	1.2	
	2.4	
	3.5'	
	13.5'	
	14.0	
	14.0	

GENERALIZED GEOLOGIC LOG

Florida Portland
TYPE: Type I/II cement

DIA.: 2"
TYPE: Sch 40 PVC

TYPE: Enviroplug
3/8" Bentonite Pellets

Silica TYPE: 20/30
Sand

DIA.: 2" TYPE: Sch 40 PVC
OPENING WIDTH: 10 slot TYPE:

METHOD DRILLED:
HSA 6 1/8"

METHOD DEVELOPED:
*See Develop
TIME DEVELOPED:
Sheet*

HOLE DIAMETER
10"

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB2</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/2/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV. <i>3.85 TOC / 15.32</i>	
FINISHED: <i>8/2/95</i>	DRILLER: <i>M. Griddle</i>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
GROUND SURFACE		<i>19.6</i>
	<i>0.4</i>	<i>19.17</i>
	<i>NA</i>	
	<i>1.2</i>	
	<i>2.2</i>	
	<i>3.5</i>	
	<i>13.5</i>	
	<i>14.1</i>	
	<i>14.0</i>	

GENERALIZED GEOLOGIC LOG

3.85 product
2.5'
6.35'

WELL LOG DETAILS:

- SURFACE CASING: DIA.: TYPE: *Flush mount Manhole*
- TOP OF PROTECTIVE CASING
- PROTECTIVE CASING: DIA.: TYPE:
- TOP OF RISER CASING
- BOTTOM OF SURFACE CASING *NA*
- BACKFILL: *Grout* TYPE: *Florida Portland Type I/II cement*
- RISER CASING: DIA.: *2"* TYPE: *PVC sch 40*
- TOP OF SEAL
- ANNULAR SEAL: TYPE: *benfonite 3/8*
- BOTTOM OF SEAL
- TOP OF SCREEN
- FILTER MATERIAL: *Silica Sand* TYPE: *20/30*
- SCREEN: DIA.: *2"* TYPE: *PVC sch 40*
OPENING WIDTH: *10 slot* TYPE: *stuffed*
- BOTTOM OF SCREEN
- BOTTOM OF SUMP
- BOTTOM OF HOLE

HOLE DIAMETER *10"*

METHOD DRILLED: *6 1/4" ID HSA*

METHOD DEVELOPED: *See Develop*

TIME DEVELOPED: *Sheet*

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <u>HUNTER AAF</u>	JOB NO. <u>016602</u>	WELL NO. <u>H728-SB9</u>
DRILLING CONTRACTOR: <u>PSI</u>		COORDINATES:		
BEGUN: <u>3 Aug 95</u>	SUPERVISOR: <u>R. Lawler</u>	WELL SITE: <u>Bldg 728</u>	WATER LEVEL: DEPTH/ELEV. <u>5.72 TOC / 14.55 msf</u>	
FINISHED: <u>5 Aug 95</u>	DRILLER: <u>T. Finkenbinder</u>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
	0	20.5
	0	
	0.2	20.27
	—	
	1.6	
	2.7	
	3.1	
	13.1	
	13.6	
	13.5'	

GENERALIZED GEOLOGIC LOG

DEPTH IN

ELEV. IN

METHOD DRILLED:

6 1/4 ID HSA

METHOD DEVELOPED:

See Develop Sheet

TIME DEVELOPED:

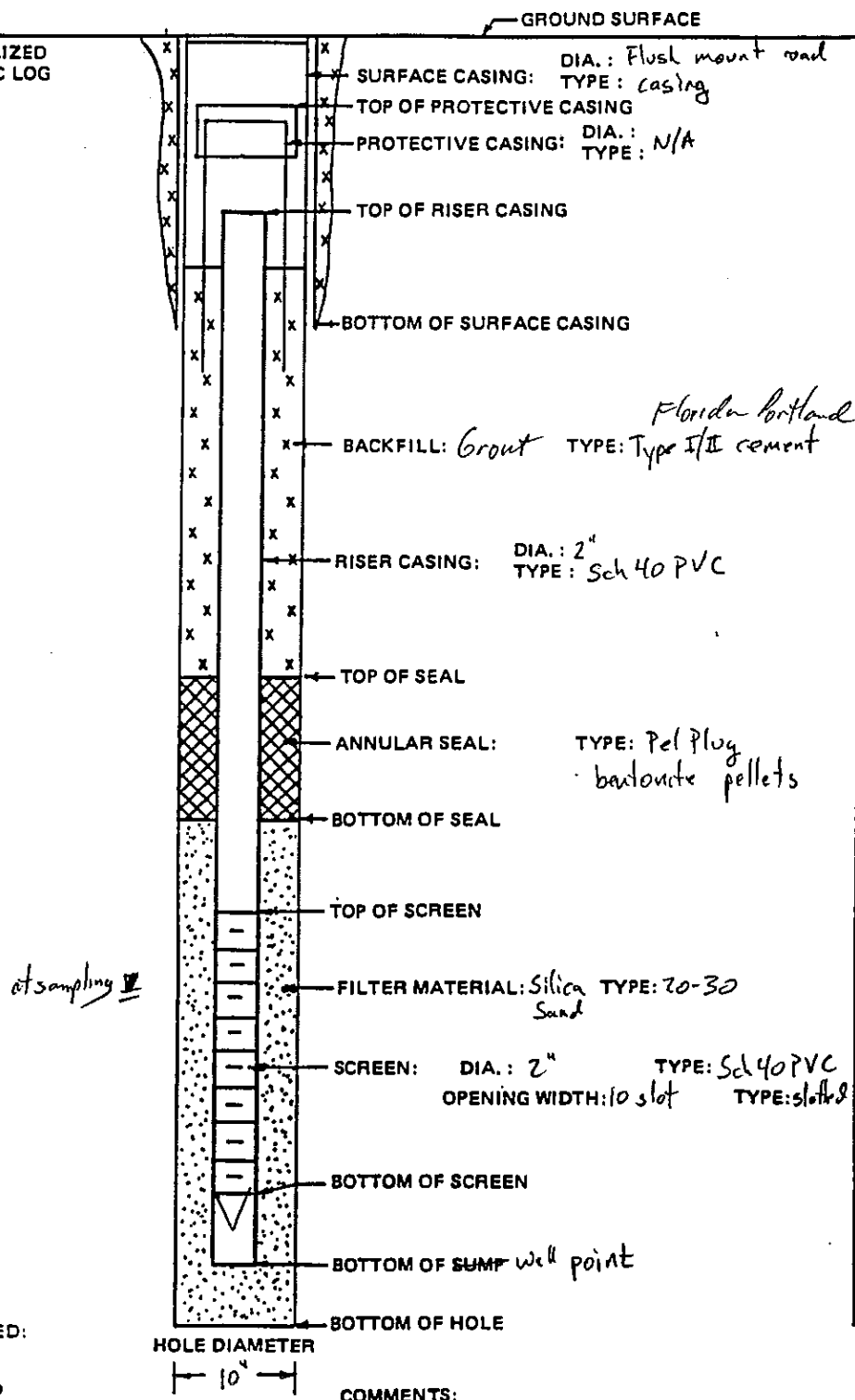
COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HUNTER AAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB10</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>3 Aug 95</i>	SUPERVISOR: <i>R. Lawler</i>	WELL SITE: <i>Bldg 728</i>	WATER LEVEL: DEPTH/ELEV. <i>5.44 TOC / 13.67 msf</i>	
FINISHED: <i>3 Aug 95</i>	DRILLER: <i>T. Finkenblader</i>			

REFERENCE POINT & ELEVATION:

DEPTH IN	ELEV. IN
0	19.4
0.0	
0.2	19.11
-	
1.1	
2.2	
2.7	
12.9	
13.4	
14.0'	

GENERALIZED GEOLOGIC LOG



METHOD DRILLED:

6 1/4 ID #5 A

METHOD DEVELOPED:

*See Develop
TIME DEVELOPED:
Sheet*

HOLE DIAMETER

10"

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H 728-SB 11</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/3/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:		WATER LEVEL: DEPTH/ELEV. <i>5.59 TOC / 13.30 msl</i>
FINISHED: <i>8/8/95</i>	DRILLER: <i>M. Gribble</i>			

REFERENCE POINT & ELEVATION:	DEPTH IN FT	ELEV. IN msl
GROUND SURFACE	0	19.3
GENERALIZED GEOLOGIC LOG	0.4	18.89
	NA	
	1.0	
	2.0	
	2.3	
	12.3	
	12.8	
	14.0	

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop Sheet

HOLE DIAMETER
10"

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <u>HUNTER AAF</u>	JOB NO. <u>016602</u>	WELL NO. <u>H 728-SB12</u>
DRILLING CONTRACTOR: <u>PSI</u>		COORDINATES:		
BEGUN: <u>4 Aug 95</u>	SUPERVISOR: <u>R. Lawler</u>	WELL SITE: <u>Bldg 728</u>	WATER LEVEL: DEPTH/ELEV. <u>3.14 TC / 15.37 msl</u>	
FINISHED: <u>4 Aug 95</u>	DRILLER: <u>T. Finkenbinder</u>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
GROUND SURFACE	0	18.8
	0	
	0.3	18.51
	—	
	1.1	
	2.0	
	2.9	
	12.9	
	13.4	
	14.0	

GENERALIZED GEOLOGIC LOG

SURFACE CASING: DIA.: Flush mount road
 TYPE: casing
 TOP OF PROTECTIVE CASING
 PROTECTIVE CASING: DIA.: N/A
 TYPE: N/A
 TOP OF RISER CASING
 BOTTOM OF SURFACE CASING
 BACKFILL: *grout* TYPE: Florida Portland
 Type I/II cement
 RISER CASING: DIA.: 2"
 TYPE: Sch 40 PVC
 TOP OF SEAL
 ANNULAR SEAL: TYPE: Pel plug
 bentonite pellets
 BOTTOM OF SEAL
 TOP OF SCREEN
 FILTER MATERIAL: Silica Sand TYPE: 20-30
 SCREEN: DIA.: 2" TYPE: Sch 40 PVC
 OPENING WIDTH: 10 slot TYPE: slotted
 BOTTOM OF SCREEN
 BOTTOM OF SUMP Well point
 BOTTOM OF HOLE
 HOLE DIAMETER
 10"

METHOD DRILLED:
6 1/4 ID HSA

METHOD DEVELOPED:
See Develop
TIME DEVELOPED
Sheet

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H 728-SB13</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/3/95</i>	SUPERVISOR:	WELL SITE:	WATER LEVEL: DEPTH/ELEV.	
FINISHED: <i>8/5/95</i>	DRILLER:		<i>5.44 TDC / 12.95 msl</i>	

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
		<i>msl</i>
	<i>0</i>	<i>18.7</i>
	<i>0.3</i>	<i>18.39</i>
	<i>NA</i>	
	<i>1.0</i>	
	<i>2.0</i>	
	<i>4.0</i>	
	<i>14.0</i>	
	<i>14.5</i>	
	<i>19.0</i>	

GENERALIZED GEOLOGIC LOG

DEPTH IN

ELEV. IN

msl

METHOD DRILLED:

6 1/4" ID HSA

METHOD DEVELOPED:

See Develop

TIME DEVELOPED

Sheet

COMMENTS:

M&E

Metcall & Eddy

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H 728-5B14</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/4/95</i>	SUPERVISOR: <i>D. Humphreys</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV. <i>6.17 TDC / 12.59 msl</i>	
FINISHED: <i>8/4/95</i>	DRILLER: <i>M. Grubbe</i>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN msl
	0	19.0
	0.3	18.76
	NA	
	1.5	
	2.6	
	4.0	
	14.0	
	14.5	
	14.0	

GENERALIZED GEOLOGIC LOG

at sampling ±

METHOD DRILLED: *6 1/4" ID HSA*

METHOD DEVELOPED: *See Develop Sheet*

TIME DEVELOPED: *Sheet*

HOLE DIAMETER: *10"*

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>53</i> <i>H 728-76</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/1/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV. <i>6.22 TOC / 29.21 msl</i>	
FINISHED: <i>8/1/95</i>	DRILLER: <i>M. Gribble</i>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN																						
GROUND SURFACE	0	35.9																						
GENERALIZED GEOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td>0.5</td><td>35.43</td></tr> <tr><td>NA</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td>1.5</td><td> </td></tr> <tr><td>2.6</td><td> </td></tr> <tr><td>3.0</td><td> </td></tr> <tr><td>13.0</td><td> </td></tr> <tr><td>13.5</td><td> </td></tr> <tr><td>14.0</td><td> </td></tr> </table>					0.5	35.43	NA				1.5		2.6		3.0		13.0		13.5		14.0			
	0.5	35.43																						
	NA																							
	1.5																							
	2.6																							
	3.0																							
	13.0																							
13.5																								
14.0																								

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop

TIME DEVELOPED:
Sheet

HOLE DIAMETER
10"

COMMENTS:

M&E
Metcalfe & Eddy

GROUND WATER INSTALLATION		PROJECT: <i>HUNTER AAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB17</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8 Aug 95</i>	SUPERVISOR: <i>P. Lawler</i>	WELL SITE: <i>Blg 728 pipeline "A"</i>	WATER LEVEL: DEPTH/ELEV. <i>6.69 TPC / 29.80 msl</i>	
FINISHED: <i>8 Aug 95</i>	DRILLER: <i>T. Finkenbinder</i>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
	msl	msl
GROUND SURFACE	0	36.9
	0	
	0.4	36.49
	—	
	1.5	
	2.4	
	3.0	
	13.0	
	13.5	
	14.0'	

GENERALIZED GEOLOGIC LOG

DIA.: Flush mount road
TYPE: casing

DIA.: N/A
TYPE: N/A

TYPE: Type I/II cement

DIA.: 2"
TYPE: Sch 40 PVC

TYPE: Pel plug bentonite pellets

TYPE: Silica Sand TYPE: 20-30

DIA.: 2" TYPE: Sch 40 PVC
OPENING WIDTH: 10 slot TYPE: slotted

at sampling =

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop sheet

HOLE DIAMETER

10'

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <u>HUNTER AAF</u>	JOB NO. <u>016602</u>	WELL NO. <u>H728-SB18</u>
DRILLING CONTRACTOR: <u>PSF</u>		COORDINATES:		
BEGUN: <u>9 Aug 95</u>	SUPERVISOR: <u>R. Lawler</u>	WELL SITE: <u>Bldg 728 pipeline "A"</u>	WATER LEVEL: DEPTH/ELEV. <u>7.92 r/c / 28.99 msl</u>	
FINISHED: <u>9 Aug 95</u>	DRILLER: <u>T. Finkenbinder</u>			

REFERENCE POINT & ELEVATION:	DEPTH IN FT	ELEV. IN msl
GROUND SURFACE	0	37.4
	0	
	0.5	36.91
	—	
	1.5	
	2.4	
	3.0	
	13.0	
	13.5	
	14.0'	

GENERALIZED GEOLOGIC LOG

SURFACE CASING: DIA.: Flush mount road
 TYPE: casing
 TOP OF PROTECTIVE CASING
 PROTECTIVE CASING: DIA.: N/A
 TYPE: N/A
 TOP OF RISER CASING
 BOTTOM OF SURFACE CASING
 BACKFILL: TYPE: Type I/II cement
 RISER CASING: DIA.: 2"
 TYPE: Sch 40 PVC
 TOP OF SEAL
 ANNULAR SEAL: TYPE: 7el Plug
 bentonite pellets
 BOTTOM OF SEAL
 TOP OF SCREEN
 FILTER MATERIAL: Silica Sand TYPE: 20-30
 SCREEN: DIA.: 2" TYPE: Sch 40 PVC
 OPENING WIDTH: 10 slot TYPE: slot hole
 BOTTOM OF SCREEN
 BOTTOM OF ~~SUMP~~ well point
 BOTTOM OF HOLE

at sampling

HOLE DIAMETER 10"

COMMENTS:

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Darchap
Sheet

GROUND WATER INSTALLATION		PROJECT: <u>HUNTER AAF</u>	JOB NO. <u>016602</u>	WELL NO. <u>H728-SB19</u>
DRILLING CONTRACTOR: <u>PSI</u>		COORDINATES:		
BEGUN: <u>6 Aug 95</u>	SUPERVISOR: <u>R. Lawler</u>	WELL SITE: <u>Bldg 728 pipeline</u>	WATER LEVEL: DEPTH/ELEV. <u>5.75 TOC / 27.27 msl</u>	
FINISHED: <u>6 Aug 95</u>	DRILLER: <u>T. Finkenbinder</u>			

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN msl
GROUND SURFACE	0	33.3
	0	
	0.2	33.02
	—	
	1.4	
	2.5	
	2.9	
	12.9	
	13.4	
	13.6	

GENERALIZED GEOLOGIC LOG

DEPTH IN	ELEV. IN msl
0	33.3
0	
0.2	33.02
—	
1.4	
2.5	
2.9	
12.9	
13.4	
13.6	

METHOD DRILLED: HSA

METHOD DEVELOPED: See Develop Sheet

TIME DEVELOPED: See Develop Sheet

at sampling

HOLE DIAMETER
10"

COMMENTS:

Florida Portland
Type: Type I/II cement

TYPE: Pel Plug
Bentonite Pellets

Silica Sand
TYPE: 20/30

TYPE: Sch 40 PVC
TYPE: slotted

GROUND WATER INSTALLATION		PROJECT: <u>HUNTER AAF</u>	JOB NO. <u>016602</u>	WELL NO. <u>H728-SB20</u>
DRILLING CONTRACTOR: <u>PSI</u>		COORDINATES:		
BEGUN: <u>6 Aug 95</u>	SUPERVISOR: <u>R. Lawler</u>	WELL SITE: <u>Bldg 728 pipeline</u>	WATER LEVEL: DEPTH/ELEV. <u>6.74 TOC / 30.62 msl</u>	
FINISHED: <u>6 Aug 95</u>	DRILLER: <u>T. Finkenbinder</u>			

REFERENCE POINT & ELEVATION:	DEPTH IN FT	ELEV. IN msl
GROUND SURFACE	0	37.9
	0	
	0.5	37.36
	—	
	1.5	
	2.6	
	3.0	
	13.0	
	13.5	
	14'	

GENERALIZED GEOLOGIC LOG

METHOD DRILLED:
6 1/4 ID HSA

METHOD DEVELOPED:
See Develop Sheet

TIME DEVELOPED:

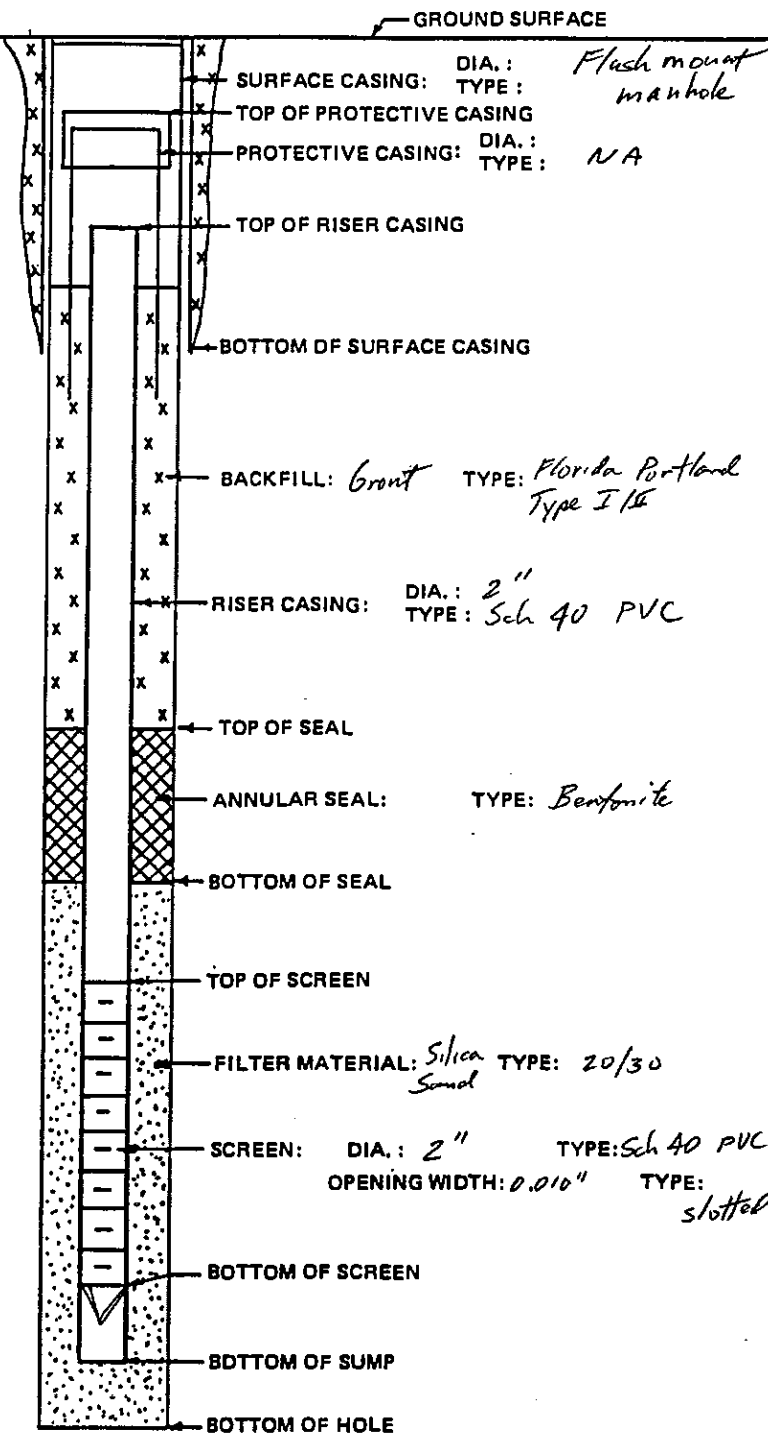
COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAP</i>	JOB NO. <i>016602</i>	WELL NO. <i>H 728-5B21</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/8/95</i>	SUPERVISOR: <i>D. Humphreys</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV. <i>4.78 TOL / 30.82 msl</i>	
FINISHED: <i>8/8/95</i>	DRILLER: <i>M. Gribble</i>			

REFERENCE POINT & ELEVATION:

DEPTH IN ft.	ELEV. IN msl
<i>695</i>	
<i>0</i>	<i>36.1</i>

GENERALIZED
GEOLOGIC LOG



<i>0.5</i>	<i>35.60</i>
<i>NA</i>	
<i>1.5</i>	
<i>2.5</i>	
<i>3.2</i>	
<i>13.2</i>	
<i>13.7</i>	
<i>14.0</i>	

METHOD DRILLED:

6 1/4" ID HSA

METHOD DEVELOPED:

*See Develop
TIME DEVELOPED:
Sheet*

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602-4102</i>	WELL NO. <i>H 728-SB 22</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/8/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV.	
FINISHED: <i>8/8/95</i>	DRILLER: <i>M. Griggle</i>		<i>2.12 TDC / 30.10 msl</i>	

REFERENCE POINT & ELEVATION:	DEPTH IN	ELEV. IN
	FT	MSL
GROUND SURFACE	0	32.7
	NA	
	0.5	32.22
	NA	
	1.5	
	2.0	
	2.5	
	12.5	
	13.0	
	14.0	

GENERALIZED GEOLOGIC LOG

INSTALLATION LOG

SURFACE CASING: DIA.: *Flush Mount manhole*
TYPE: *Flush Mount manhole*

TOP OF PROTECTIVE CASING

PROTECTIVE CASING: DIA.: *NA*
TYPE: *NA*

TOP OF RISER CASING

BOTTOM OF SURFACE CASING

BACKFILL: *Grout* TYPE: *Florida Portland Type I/II*

RISER CASING: DIA.: *2"*
TYPE: *PVC sch 40*

TOP OF SEAL

ANNULAR SEAL: TYPE: *bentonite*

BOTTOM OF SEAL

TOP OF SCREEN

FILTER MATERIAL: *Silica Sand* TYPE: *20/30*

SCREEN: DIA.: *2"* TYPE: *PVC sch 40*
OPENING WIDTH: *0.010"* TYPE: *slotted*

BOTTOM OF SCREEN

BOTTOM OF SUMP

BOTTOM OF HOLE

HOLE DIAMETER *10"*

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop

TIME DEVELOPED:
Sheet

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-SB23</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/6/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV.	
FINISHED: <i>8/6/95</i>	DRILLER: <i>M. Griddle</i>		<i>1.16 TOC / 30.59 msl</i>	

REFERENCE POINT & ELEVATION:		DEPTH IN	ELEV. IN
		FT	msl
GROUND SURFACE		0	32.1
TOP OF PROTECTIVE CASING			
TOP OF RISER CASING		6.3	31.75
BOTTOM OF SURFACE CASING		NA	
TOP OF SEAL		1.0	
BOTTOM OF SEAL		2.0	
TOP OF SCREEN		3.0	
BOTTOM OF SCREEN		13.0	
BOTTOM OF SUMP		13.5	
BOTTOM OF HOLE		14.0	

GENERALIZED GEOLOGIC LOG

at sampling

SURFACE CASING: DIA.: *Flush Mount* TYPE: *Manhole*

PROTECTIVE CASING: DIA.: *NA* TYPE: *NA*

BACKFILL: *Grout* TYPE: *Florida Portland Type I/II*

RISER CASING: DIA.: *2"* TYPE: *PVC sch 40*

ANNULAR SEAL: *Bentonite* TYPE: *20/30*

FILTER MATERIAL: *Slica* TYPE: *20/30*

SCREEN: DIA.: *2"* TYPE: *PVC sch 40*

OPENING WIDTH: *0.010"* TYPE: *slot*

METHOD DRILLED:

6 1/4" ID HSA

METHOD DEVELOPED:

See Develop

TIME DEVELOPED: 1

Sheet

HOLE DIAMETER

10"

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: HUNTER AAF	JOB NO. 016602	WELL NO. H728-SB24
DRILLING CONTRACTOR: PSI		COORDINATES:		
BEGUN: 6 Aug 95	SUPERVISOR: P. Lawler	WELL SITE: Bldg 728 pipeline	WATER LEVEL: DEPTH/ELEV. 5.18 TOC / 32.08 msf	
FINISHED: 6 Aug 95	DRILLER: T. Finkenbinder			

REFERENCE POINT & ELEVATION:	DEPTH IN ft	ELEV. IN msf
GROUND SURFACE	0	37.7
	0	
	0.4	37.26
	—	
	1.2	
	2.4	
	3.0	
	13.0	
	13.5	
	14.1	

GENERALIZED GEOLOGIC LOG

HOLE DIAMETER
10"

DIAMETER: Flush mount road

SURFACE CASING: TYPE: casing

TOP OF PROTECTIVE CASING

PROTECTIVE CASING: DIA.: N/A

TOP OF RISER CASING

BOTTOM OF SURFACE CASING

BACKFILL: Grout TYPE: Florida Portland Type I/II cement

RISER CASING: DIA.: 2" TYPE: Sch 40 PVC

TOP OF SEAL

ANNULAR SEAL: TYPE: 2 1/2" Plug Bentonite Pellets

BOTTOM OF SEAL

TOP OF SCREEN

FILTER MATERIAL: Silica Sand TYPE: 20-30

SCREEN: DIA.: 2" TYPE: Sch 40 PVC

OPENING WIDTH: 10 slot TYPE: slotted

BOTTOM OF SCREEN

BOTTOM OF PUMP well point

BOTTOM OF HOLE

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop

TIME DEVELOPED:
Shut

at sampling

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H728-5325</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/7/95</i>	SUPERVISOR: <i>D.</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV.	
FINISHED: <i>8/7/95</i>	DRILLER:		<i>5.78 TDC / 32.20 msl</i>	

REFERENCE POINT & ELEVATION:		DEPTH IN FT	ELEV. IN MSL
GROUND SURFACE		<i>0</i>	<i>38.5</i>
SURFACE CASING: DIA.: TYPE: <i>Flush inlet manhole</i>		—	
TOP OF PROTECTIVE CASING			
PROTECTIVE CASING: DIA.: TYPE:			
TOP OF RISER CASING		<i>0.5</i>	<i>37.98</i>
BOTTOM OF SURFACE CASING		<i>NA</i>	
BACKFILL: <i>Grout</i> TYPE: <i>Florida Portland Type II/II</i>			
RISER CASING: DIA.: <i>2"</i> TYPE: <i>PVC sch 40</i>			
TOP OF SEAL		<i>1.5</i>	
ANNULAR SEAL: TYPE: <i>ben-tonite</i>			
BOTTOM OF SEAL		<i>2.5</i>	
TOP OF SCREEN		<i>3.4</i>	
FILTER MATERIAL: <i>Silica Sand</i> TYPE: <i>20/30</i>			
SCREEN: DIA.: <i>2"</i> TYPE: <i>PVC sch 40</i> OPENING WIDTH: <i>0.010"</i> TYPE: <i>slotted</i>			
BOTTOM OF SCREEN		<i>13.4</i>	
BOTTOM OF SUMP		<i>13.9</i>	
BOTTOM OF HOLE		<i>14.0</i>	

GENERALIZED GEOLOGIC LOG

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop

TIME DEVELOPED:
Sheet

HOLE DIAMETER
10"

at sampling

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: HUNTER AAF	JOB NO. 016602	WELL NO. #728-SB26
DRILLING CONTRACTOR: PST		COORDINATES:		
BEGUN: 7 Aug 95	SUPERVISOR: R. Lawler	WELL SITE: Bldg 728 pipeline "B"	WATER LEVEL: DEPTH/ELEV. 5.75 pc / 32.23 ms!	
FINISHED: 7 Aug 95	DRILLER: T. Finkenbinder			

REFERENCE POINT & ELEVATION:	DEPTH IN ft.	ELEV. IN msl.
GROUND SURFACE	0	38.4
	0	
	0.4	37.98
	—	
	1.8	
	2.9	
	4.1	
	14.1	
	14.6	
	15.0'	

GENERALIZED GEOLOGIC LOG

SURFACE CASING: DIA.: Flush mount road TYPE: cast iron
 TOP OF PROTECTIVE CASING
 PROTECTIVE CASING: DIA.: N/A TYPE: N/A
 TOP OF RISER CASING
 BOTTOM OF SURFACE CASING
 BACKFILL: *Grout* TYPE: *Florida Portland Type I/II cement*
 RISER CASING: DIA.: 2" TYPE: Sch 40 PVC
 TOP OF SEAL
 ANNULAR SEAL: TYPE: Pel plug bentonite pellets
 BOTTOM OF SEAL
 TOP OF SCREEN
 FILTER MATERIAL: Silica Sand TYPE: 20-30
 SCREEN: DIA.: 2" TYPE: Sch 40 PVC
 OPENING WIDTH: 10 slot TYPE: slot
 BOTTOM OF SCREEN
 BOTTOM OF SUMP well point
 BOTTOM OF HOLE

at sampling ↓

HOLE DIAMETER
10"

METHOD DRILLED:
6 1/4 ID HSA

METHOD DEVELOPED:
See Develop

TIME DEVELOPED:
Sheet

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: HUNTER AAF	JOB NO. 016602	WELL NO. H728-SB27
DRILLING CONTRACTOR: PSI		COORDINATES:		
BEGUN: 7 Aug 95	SUPERVISOR: R. Lawler	WELL SITE: Bldg 728 pipeline "B"	WATER LEVEL: DEPTH/ELEV. 5.29 TDC / 32.21 msl	
FINISHED: 7 Aug 95	DRILLER: T. Finkenbinder			

REFERENCE POINT & ELEVATION:	DEPTH IN ft	ELEV. IN msl
GROUND SURFACE	0	37.9
	0	
	0.4	37.50
	—	
	1.4	
	2.4	
	3.2	
	13.2	
	13.7	
	14.0	

GENERALIZED GEOLOGIC LOG

at sampling

METHOD DRILLED:
6 1/4 D/HSA

METHOD DEVELOPED:
See Develop
TIME DEVELOPED:
Sheet

HOLE DIAMETER
10"

DIA.: Flush mount surface
 TYPE: road casing
 TOP OF PROTECTIVE CASING
 PROTECTIVE CASING: DIA.: N/A
 TYPE: N/A
 TOP OF RISER CASING
 BOTTOM OF SURFACE CASING
 BACKFILL: Grout TYPE: *Florida Portland* Type I/II cement
 RISER CASING: DIA.: 2" TYPE: *Sch 40 PVC*
 TOP OF SEAL
 ANNULAR SEAL: TYPE: *Pel Plug bentonite pellets*
 BOTTOM OF SEAL
 TOP OF SCREEN
 FILTER MATERIAL: *Silica Sand* TYPE: 20-30
 SCREEN: DIA.: 2" TYPE: *Sch 40 PVC*
 OPENING WIDTH: 10 slot TYPE: *slotted*
 BOTTOM OF SCREEN
 BOTTOM OF SUMP well point
 BOTTOM OF HOLE

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAF</i>	JOB NO. <i>016602</i>	WELL NO. <i>H 728-SB28</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/7/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV.	
FINISHED: <i>8/7/95</i>	DRILLER: <i>M. Gribble</i>		<i>4.91 TOL / 32.32 msl</i>	

REFERENCE POINT & ELEVATION:	DEPTH IN FT	ELEV. IN msl
	<i>69.5</i>	
GROUND SURFACE	<i>0</i>	<i>37.6</i>
	<i>0.4</i>	<i>37.23</i>
	<i>NA</i>	
	<i>1.5</i>	
	<i>2.5</i>	
	<i>3.8</i>	
	<i>13.8</i>	
	<i>14.2</i>	
	<i>14.0</i>	
	<i>drilled</i>	

GENERALIZED GEOLOGIC LOG

SURFACE CASING: DIA.: *Flush Mount* TYPE: *Manhole*

TOP OF PROTECTIVE CASING

PROTECTIVE CASING: DIA.: *NA* TYPE:

TOP OF RISER CASING

BOTTOM OF SURFACE CASING

BACKFILL: *Grout* TYPE: *Florida Portland Type I/II*

RISER CASING: DIA.: *2"* TYPE: *PVC sch 40*

TOP OF SEAL

ANNULAR SEAL: TYPE: *bentonite*

BOTTOM OF SEAL

TOP OF SCREEN

FILTER MATERIAL: *Silica Sand* TYPE: *20/30*

SCREEN: DIA.: *2"* TYPE: *PVC sch 40*
OPENING WIDTH: *0.010"* TYPE: *slotted*

BOTTOM OF SCREEN

BOTTOM OF SUMP

BOTTOM OF HOLE

HOLE DIAMETER *10"*

METHOD DRILLED:

6 1/4" ID ASA

METHOD DEVELOPED:

See Develop

TIME DEVELOPED:

Sheet

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAMP</i>	JOB NO. <i>016602-4102</i>	WELL NO. <i>H 728-5B29</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/9/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV.	
FINISHED: <i>8/9/95</i>	DRILLER: <i>M. Gribble</i>		<i>4.73 TOC / 32.22 msl</i>	

REFERENCE POINT & ELEVATION:	DEPTH IN ft, <i>695</i>	ELEV. IN msl
	<i>0</i>	<i>37.4</i>

GENERALIZED GEOLOGIC LOG

	<i>0.4</i>	<i>36.95</i>
	<i>NA</i>	
	<i>1.0</i>	
	<i>2.0</i>	
	<i>2.8</i>	
	<i>12.8</i>	
	<i>13.3</i>	
	<i>14.0</i>	

METHOD DRILLED:
6 1/4" ID HSA

METHOD DEVELOPED:
See Develop Sheet

HOLE DIAMETER
10"

COMMENTS:

GROUND WATER INSTALLATION		PROJECT: <i>HAAT</i>	JOB NO. <i>016602-4102</i>	WELL NO. <i>H 728-5830</i>
DRILLING CONTRACTOR: <i>PSI</i>		COORDINATES:		
BEGUN: <i>8/15/95</i>	SUPERVISOR: <i>D. Humphris</i>	WELL SITE:	WATER LEVEL: DEPTH/ELEV.	
FINISHED: <i>8/15/95</i>	DRILLER: <i>M. Gribble</i>		<i>4.78 TOC / 32.47 ms</i>	

REFERENCE POINT & ELEVATION:	DEPTH IN ft, by s	ELEV. IN msl	
GROUND SURFACE	0	37.6	
GENERALIZED GEOLOGIC LOG SURFACE CASING: DIA.: <i>Flush Mount</i> TYPE: <i>Manhole</i> PROTECTIVE CASING: DIA.: TYPE: TOP OF RISER CASING BOTTOM OF SURFACE CASING BACKFILL: <i>Grout</i> TYPE: <i>Florida Portland Type I/II</i> RISER CASING: DIA.: <i>2"</i> TYPE: <i>PVC sch 40</i> TOP OF SEAL ANNULAR SEAL: TYPE: <i>bentonite</i> BOTTOM OF SEAL TOP OF SCREEN FILTER MATERIAL: <i>Silica Sand</i> TYPE: <i>20/30</i> SCREEN: DIA.: <i>2"</i> TYPE: <i>Sch 40 PVC</i> OPENING WIDTH: <i>0.010"</i> TYPE: <i>slotted</i> BOTTOM OF SCREEN BOTTOM OF SUMP BOTTOM OF HOLE HOLE DIAMETER 10"	0.3	37.25	
	NA		
	1.5		
	2.0		
	3.0		
	13.0		
	13.5		
	14.0		

METHOD DRILLED:
6 1/4" ID. HSA

METHOD DEVELOPED:
See Develop Sheet

TIME DEVELOPED:

COMMENTS:

APPENDIX H

MONITORING WELL DEVELOPMENT SHEETS

MONITORING WELL DEVELOPMENT

Well I.D. No.: h/728-MW-1

Date: 8-16-95

Method of Development: Centrifugal pump

Logged By: G. Rowell, D. Humphreys

Static Water Level: 2.88' bgs

5 vol = 69 gal

[illegible]

Total Development Time:

$$30 \text{ min} + 1:10 = 1:40$$

Total Volume Purged:

$$100 \text{ gal} + 80 = 180 \text{ gal}$$
Comments:

Turbid $\rightarrow$ clear / v. sl. cloudy

Well I.D. No.: H728-MW2

Date: 8-16-95

Method of Development: Whale pump

Logged By: G. Rowell

Static Water Level: 4.82' bgs

5 vol = 60 gal

- 8/18/95

from 2hr total

$$80 \text{ gal} + 40 \text{ gal} = 120 \text{ gal}$$

carb. d clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: H 728-MW3

Date: 8-16-95

Method of Development: Whale pump

Logged By: G. Rowell

Static Water Level: 5.39' 63,

$$5 \text{ vol} = 48 \text{ gal}$$
[illegible]

Total Development Time: 70 min + 35 = 1:45 min

Total Volume Purged: 75 gal

Comments: Turbid $\rightarrow$ clearing, Lt yellow color

Well I.D. No.: H728-MW-4

Date: 8/20/95

Method of Development: 12VDC Whale Pump

Logged By: D. Humphreys

Static Water Level: 3.5 bgs

TD = 13.4
8/2/95

5 vol = 66 gae

Total Development Time: 1:10
Total Volume Purged: 85 gal
Comments: OVA - 10 ppm in well

MONITORING WELL DEVELOPMENT

Weil I.D. No.: H728-MW5

Date: 8-16-95

Logged By: D. Humphrey

Method of Development: 12VDC
Whale pump

Static Water Level: 5.36' bgs

5 vol = 53 gal

[illegible]

Total Development Time: 159 hr

Total Volume Purged: 55 gal

Comments: Clear

Well I.D. No.: H728-mw6

Date: 8-21-95

Logged By: G. Howell

Method of Development: 12V DC Whale Pumps

Static Water Level: 5.3' BGS

$$TD = 12.5$$

5 vol = 51 GAL

[illegible]

Total Development Time: 10 hrs

Total Volume Purged: 30 GALLONS

Comments: Clear, very slow recharge

MONITORING WELL DEVELOPMENT

Well I.D. No.: H728-MW7

Date: 8/20/95

Method of Development: 120 DC whole Pump

Logged By: D. Humphris

Static Water Level: 3.7' bgs

TD = 13.5
8/2/95

5 vol = 66 gne

[illegible]

Total Development Time:

1:20

Total Volume Purged:

100 gal

Comments:

Well I.D. No.: H 728 - MW8

Date:

Method of Development:

Logged By:

Static Water Level:

TD = 13.5

[illegible]

Total Development Time:

Total Volume Purged:

Comments:

MONITORING WELL DEVELOPMENT

Well I.D. No.: H728-mwA.

Date: 8/16/95

Method of Development: 12VDC Whole Pump

Logged By: D. Humphris

Static Water Level: 6.23' TOL

5 vols = 46 gallons

[illegible]

Total Development Time:

Total Volume Purged:

Comments:

40 min

55 gal

clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: H728- MW10

Date: 8/16/95

Method of Development: 12V DC Whale Pump

Logged By: G. Lowell

Static Water Level: 5.95 TOL

5 vol = 47 gallons

[illegible]

Total Development Time:

Total Volume Purged:

Comments:

30 min

55 gal

clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: H728-MW 11

Date: 8/16/95 - 8/17/95

Method of Development: 12V DC whale Pump

Logged By: D. Humphris

Static Water Level: 6.07' bgs

5 vol = 42 gallons

[illegible]

Total Development Time:

Total Volume Purged:

Comments:

9: 90 min
55 GALS
clear
slow producer - goes dry @ 1.5 - 2 gal

Well I.D. No.: H728-MW 12

Date: 8/20/95

Method of Development: 12v DC whale Pump

Logged By: D. Humphris

Static Water Level: $\frac{3.59 \text{ roc}}{TD = 12.9} / \frac{3.8' \text{ bgs}}{2.2}$

5 vol = 6.2 gallons

Total Development Time:

1:07

Total Volume Purged:

80 gal

Comments:

OVA-1000⁺ in well

MONITORING WELL DEVELOPMENT

Well I.D. No.: H728-mw13

Date: 2/17/95

Method of Development: 12VDC whole Pump

Logged By: D. Humphreys

Static Water Level: 5.75' bgs

5 vol = 55 gallons

[illegible]

Total Development Time:

1:05

Total Volume Purged:

55

Comments:

Well I.D. No.: H728-MW 14

Date: 8-16-95

Method of Development: 12VDC whale pump

Logged By: D. Rowell

Static Water Level: 6.65 r/c

5 vol = 49 gallons

Total Development Time: 40 min
Total Volume Purged: 55 gal
Comments: clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: 4728-MW15

Date: 9/17/95

Method of Development: 12V DC Waste Pump

Logged By: D. Humphreys

Static Water Level: 9.2' bgs

 $TD = 12.9$

500l = 25 gal

[illegible]

Total Development Time:

30 min

Total Volume Purged:

Comments:

Well I.D. No.: 4728-MW/6

Date: 8/17/95

Method of Development: 12V DC Whole Pump

Logged By: G. Lowell

Static Water Level: 6.60' bgs

TD=13.0

5 vol = 43 gallons

Total Development Time:

35 min

Total Volume Purged:

45 GAL

Comments:

Clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: H 728-MW17

Date: 8/17/95

Method of Development: RV DC whole Pump

Logged By: G. Powell

Static Water Level: 7.29' bgs

5 vol = 38 gals

[illegible]

Total Development Time:

Total Volume Purged:

Comments:

35 min

50 gal

clear

Well I.D. No.: A 728-MW 18

Date: 8/17/95

Method of Development: 12V DC Whale Pump

Logged By: D. Humph

Static Water Level: 8.26 bgs

$$5 \text{ Vol} = 32 \text{ gals}$$

Total Development Time: 30 min

Total Volume Purged: 35 gal

Comments: _____

MONITORING WELL DEVELOPMENT

Well I.D. No.: H 728- MW 19

Date: 8-19-95

Method of Development: 12VDC Whole Pump

Logged By: G. Rowell

Static Water Level: 8.45' bgs

5 vol = 30 Gal.

[illegible]

Total Development Time:

30 min

Total Volume Purged:

50 gal

Comments:

clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: H 728-MW-20

Date: 8-19-95

Method of Development: 12VDC Whole Pumps

Logged By: G. Rowell

Static Water Level: 8.30' bgs

TP=13.0

$$5 \text{ vol} = 32 \text{ GAL.}$$
[illegible]

Total Development Time:

Зомин

Total Volume Purged:

40 GAL

Comments:

Clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: H728-MW 21

Date: 8/18/95

Method of Development: 12V DC Whale Pumps

Logged By: D. Humphreys

Static Water Level: 6.6' bgs
TD = 13.2

TD = 13.2

5 vol = 44 gal.

[illegible]

Total Development Time: 120min

Total Volume Purged: 80 gal

Comments: H₂S odor

Recovers 0.1' in 36 sec. = $1\frac{1}{10}$ min

Well I.D. No.: H 728-MW 22

Date: 8-19-75

Method of Development: 12v DC whale Pumps

Logged By: G. Howell

Static Water Level: 3.5' bgs

TD = 12.5

5 vol = 60 gal

Total Development Time: 2 hr 10 min
Total Volume Purged: 110 gal
Comments: Fairly clear, no sediment

MONITORING WELL DEVELOPMENT

Well I.D. No.: A 728-MW 23

Date: 8/18/95

Method of Development: 12V DC Whale Pump

Logged By: G. Powell

Static Water Level: 2.4' bgs

TD = 13.0

5 vol = 71 gals

[illegible]

Total Development Time:

1 hr 40 min

Total Volume Purged:

165 GAL

Comments:

lt. brown, no sediment

Well I.D. No.: H 728 MW 24

Date: 8-21-95

Method of Development: 12VDC Whole Pump

Logged By: G. Howell

Static Water Level: 6.48 Ft bgs
TD = 13.0

$$TD = 13.0$$

5 vol = 44 GAL

[illegible]

Total Development Time:

30 min

Total Volume Purged:

50 GAL

Comments:

clear

MONITORING WELL DEVELOPMENT

Well I.D. No.: H 728 - MW 25

Date: 8/17/95

Method of Development: 12v DC Whole Pump

Logged By: G. Rowell

Static Water Level: 6.99' bgs

$$TD = 13.4$$

5 vol = 43 gal

[illegible]

Total Development Time:

35 min

Total Volume Purged:

55 6val

Comments:

Chem

Well I.D. No.: H 728 - MW 26

Date:

Method of Development: 12v DC whole Pump

Logged By:

Static Water Level:

$$TD = 14.1$$

5 vol = 49 gne

Total Development Time:

1:10

Total Volume Purged:

65 g/L

Comments:

MONITORING WELL DEVELOPMENT

Well I.D. No.: H 728- MW 27

Date: 8/17/95

Method of Development: 12v DC Whale Pump

Logged By: G. Rowell

Static Water Level: 5.7' bgs

TD = 13.2

5 vol. = 5/gal

Sample No.	Time	PARAMETERS				Pumping Rate (gpm)	Volume Pumped (gal)	Photo Taken	OBSERVATIONS
		Temp (°F)	pH	Cond'y (umhos)	Turbidity (NTU)				
1	1515	93.1	5.55	237		1.5	10		surge
2		90.3	5.60	174			20		surge
3		88.6	5.65	163.1			30		surge
4		88.3	5.68	161.8			40		
5		88.1	5.67	151.6			50		
6		-	-	-			60		
7		87.9	5.67	140.5			70		surge
8		87.3	5.56	137.6			80		surge
9		87.2	5.60	135.8			90		
10		87.1	5.57	130.6			100		
11	1700	86.6	5.51	128.6			110		still turbid
12	0810	85.6	5.91	164.1			120		Surge
13	0820	85.0	5.30	150.4			130		Surge
14	0830	83.8	5.40	142.9			140		
15	0836	84.2	5.46	141.9			150		
16	0840	84.8	5.45	137.9			160		surge
17	0850	84.4	5.42	137.5			170		
18	0856	84.7	5.42	136.7			180		
19	0902	84.6	5.41	137.0			190		surge
20	0910	83.9	5.34	128.2			200		
21	0914	84.9	5.37	128.9			210		
22	0920	84.6	5.33	126.4			220		surge
23	0927	84.6	5.37	131.1			230		
24	0933	84.4	5.35	125.1			240		
25	0938	84.5	5.31	124.2			250		
26	0946	84.3	5.33	122.9			260		
27	0952	84.4	5.33	122.2			270	✓	Photo @ 275 Ga

Total Development Time: 3.5 hr

Total Volume Purged: 275 GAL

Comments: Fairly Clear

Well I.D. No.: H 728- MW 28

Date: 8/18/05

Method of Development: 12v DC Whole Pump

Logged By: D. Humphris

Static Water Level: 5.6' bgs

$\tau_D = 13.8$

$$5 \text{ Vol} = 55 \text{ gal}$$

Total Development Time:

1:45 min

Total Volume Purged:

11 vols, 120 gal

Comments:

MONITORING WELL DEVELOPMENT

Well I.D. No.: H728-MW 29

Date:

5/18/95

Method of Development: 12, DC Whole Pump

Logged By:

D. Humphreys

Static Water Level: 5.3' b.g.s

$$TD = 12.8$$
$$5 \text{ vol} = 51 \text{ gal}$$
[illegible]

Total Development Time:

1:40

Total Volume Purged:

130 gal

Comments:

Well I.D. No.: H 728 - MW 30

Date: 8/18/95

Method of Development: 12v DC Whale Pump

Logged By: G. Kowell

Static Water Level: 5.4' bgs

TD = 13.0

5 vol = 5 gal

Total Development Time:

3 hr

Total Volume Purged:

220 Gal

Comments:

Brown Color, no sediment

APPENDIX I

SURVEY DATA

HOFFMAN AND COMPANY

TUE, JUL 18, 1995

ALBANY - SIMULTANEOUS BLOCK ADJUSTMENT

License No. 93649 , by ERIO Technologies.

job 94348 HUNTER AFB

ESTIMATED SDUW .0050

EST STD ERRORS	.0050	.0050	
	.0200	.0200	.0300
	.0400	.0400	.0600
	1.0000	.1000	.0000

4 PHOTOS
0 MODELS

19 POINTS AND 44 IMAGES FOUND IN IMAGE FILE

Unit Type	1	PH	2	6	4	44
Unit Type	2	IM	3	7	0	0

4 UNITS
19 POINTS
44 IMAGES
7 HORIZONTAL CONTROL POINTS
7 VERTICAL CONTROL POINTS
3 UNIT BANDWIDTH AT POINT 791
6 Blockrow Width

81 UNKNOWN
109 EQUATIONS

28 DEGREES OF FREEDOM

0 POINTS AND 0 BLOCK ROWS TO DISK

ITERATION 1

STD. DEV. OF UNIT WT. IS .0043

Handwritten signature

HOFFMAN AND COMPANY

TUE, JUL 18, 1995

ALBANY - SIMULTANEOUS BLOCK ADJUSTMENT

License No. 93649 , by ERIO Technologies.

job 94348 HUNTER AFB

POINT NO.	UNIT NO.	UX	IMAGE RESIDUALS UY	UZ
STD. DEVS. OF IMAGES		.0017	.0027	.0000
MEAN		.0000	.0032	.0000
Maximum x residual at point		10813 =	-.0054	
Maximum y residual at point		791 =	-.0076	

HOFFMAN AND COMPANY

TUE, JUL 18, 1995

ALBANY - SIMULTANEOUS BLOCK ADJUSTMENT

License No. 93649 , by ERIO Technologies.

job 94348 HUNTER AFB

POINT NO.	POINT NAME	NO. OF IMAGES	INTERSECTION RESIDUALS			LEAST SQUARES RESIDUALS		
			DX	DY	DZ	UX	UY	UZ
CONTROL POINTS								
791		3	-.506	-.055	-.028	-.509	-.059	-.014
792		2	-.115	.764	-.059	-.097	.762	-.010
811		2	-.177	-.090	.163	-.139	-.072	.027
812		2	.837	-.221	.185	.783	-.216	.029
813		2	.004	-.313	-.178	.080	-.303	-.032
814		2	-.198	-.407	-.158	-.247	-.430	-.029
815		2	.145	.359	.173	.129	.317	.029
	RMSE		.389	.385	.147			
			.547					
	MEAN		-.001	.005	.014			
Maximum X residual at point			812 =		.837			
Maximum Y residual at point			792 =		.764			
Maximum Z residual at point			812 =		.185			

HOFFMAN AND COMPANY

TUE, JUL 18, 1995

ALBANY - SIMULTANEDUS BLOCK ADJUSTMENT

License No. 93649 , by ERIO Technologies.

job 94348 HUNTER AFB

POINT	NAME	CODE	X	Y	Z
791		3	820815.014	739735.978	24.263
792		3	818737.441	740155.563	17.379
811		3	820856.772	738790.863	24.410
812		3	819099.492	738448.487	36.730
813		3	818585.845	736351.632	35.923
814		3	821274.093	737055.876	30.251
815		3	819811.525	735632.495	37.663
10791		0	821567.228	741466.412	27.022
10792		0	820307.054	741214.867	13.781
10793		0	818463.201	740977.811	18.076
10801		0	821314.546	739502.536	25.364
10802		0	820087.550	739314.384	21.172
10803		0	818452.065	739215.768	33.867
10811		0	822104.370	737843.129	31.938
10812		0	820487.234	737474.163	38.475
10813		0	818674.747	737188.076	34.424
10821		0	821703.459	735693.289	38.618
10822		0	820160.526	735564.650	38.495
10823		0	818481.569	735456.625	36.594

PLAN - .75
DTM - .75

Absolute Orientation Report

Project Name: 94348
Model Name: 10811082
Operator: HEW
Date: 07-20-95

Page: 1

Earth Curvature: OFF
Earth Radius: 6370000.000 meter
Levelling: ON
Flight Height: 3028.251 feet
Photo Scale: 5935
Ground Control File: 94348

Measurements

Point ID	Status	Control	Residual X	Residual Y	Residual Z
10813	measured	XYZ	-0.067	-0.022	-0.159
10812	measured	XYZ	-0.171	-0.043	-0.072
813	measured	XYZ	0.059	0.178	0.260
814	measured	XYZ	0.103	-0.062	0.147
815	measured	XYZ	0.060	-0.035	-0.361
19811	rejected	XYZ	0.000	0.000	0.000
10821	measured	XYZ	0.028	0.045	0.098
10822	measured	XYZ	-0.022	-0.048	-0.060
10823	measured	XYZ	0.010	-0.011	0.147
Max Residual			0.171	0.178	0.361
Mean Residual			0.081	0.074	0.189
Tolerance			1.000	1.000	1.000

Transformation Parameters

	Rotation Angles(o)		Translation	Scale
Omega	0.000	X	820128.917	19.474
Phi	0.000	Y	736508.719	
Kappa	91.265	Z	3028.251	

PLM - 1.5 AR
DTM - 1.5 AR

Absolute Orientation Report

Project Name: 94348
 Model Name: 10801081
 Operator: HEW
 Date: 07-19-95

Page: 1

Earth Curvature: OFF
 Earth Radius: 6370000.000 meter
 Levelling: ON
 Flight Height: 3030.212 feet
 Photo Scale: 5944
 Ground Control File: 94348

Measurements

Point ID	Status	Control	Residual X	Residual Y	Residual Z
10802	measured	XYZ	-0.234	-0.010	0.075
10801	measured	XYZ	-0.286	0.022	0.210
791	measured	XYZ	0.485	0.398	-0.121
811	measured	XYZ	0.272	-0.084	-0.303
812	measured	XYZ	-0.262	0.116	-0.213
10803	measured	XYZ	0.030	-0.030	0.158
10811	measured	XYZ	-0.477	-0.145	0.124
10812	measured	XYZ	0.197	-0.119	-0.035
10813	measured	XYZ	0.275	-0.129	0.095
Max Residual			0.485	0.398	0.303
Mean Residual			0.309	0.162	0.168
Tolerance			1.000	1.000	1.000

Transformation Parameters

	Rotation Angles(o)		Translation	Scale
Omega	0.000	X	820053.928	19.503
Phi	0.000	Y	738397.490	
Kappa	91.867	Z	3030.212	

Absolute Orientation Report

Project Name: 94348
 Model Name: 10791080
 Operator: HEW
 Date: 07-19-95

Page: 1

Earth Curvature: OFF
 Earth Radius: 6370000.000 meter
 Levelling: ON
 Flight Height: 3013.451 feet
 Photo Scale: 5939
 Ground Control File: 94348

Measurements

Point ID	Status	Control	Residual X	Residual Y	Residual Z
10793	measured	XYZ	-0.301	0.478	-0.346
10792	measured	XYZ	-0.054	0.248	0.007
791	measured	XYZ	0.663	0.032	-0.227
792	measured	XYZ	0.066	-0.705	0.263
10791	measured	XYZ	-0.278	-0.161	0.221
10801	measured	XYZ	-0.180	-0.260	-0.142
10802	measured	XYZ	-0.295	0.033	0.108
10803	measured	XYZ	0.339	0.333	0.115
Max Residual			0.663	0.705	0.346
Mean Residual			0.322	0.352	0.204
Tolerance			1.000	1.000	1.000

Transformation Parameters

	Rotation Angles(°)		Translation	Scale
Omega	0.000	X	819946.299	19.486
Phi	0.000	Y	740279.107	
Kappa	89.942	Z	3013.451	

PLAN - 2HRS
 DTM - 1.5HR

Path: C:\9434B\NA2

File: 94348A .ADJ

1,307 .a.. 9-09-95 7:32:20

Page 1

NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\9434B\NA2\94348A.NA2

Date: 09-08-1995

Time: 16:51

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION
TBM 900	0.00	20.3100	0.0000	20.3100
7103	126.58	18.4360	-0.0000	18.4360
72811	347.94	18.8880	-0.0001	18.8879
72810	547.18	19.1070	-0.0001	19.1069
7289	759.48	20.2710	-0.0002	20.2708
7285	933.69	20.3750	-0.0003	20.3747
7288	1175.52	19.1670	-0.0003	19.1667
7286	1411.74	20.0240	-0.0004	20.0236
7283	1552.19	20.7960	-0.0004	20.7956
7282	1675.22	20.5070	-0.0005	20.5065
7281	1818.23	19.1970	-0.0005	19.1965
1	2098.61	20.1540	-0.0006	20.1534
7106	2247.79	19.9950	-0.0006	19.9944
7287	2504.19	19.1750	-0.0007	19.1743
7105	2707.60	18.4580	-0.0007	18.4573
7284	2976.36	18.7400	-0.0008	18.7392
7104	3327.37	18.3650	-0.0009	18.3641
900	3705.88	20.3110	-0.0010	20.3100

Bolt on F.H.

BLDG. 710 AREA PREFIX IS 710

ex: 7103 = H710-MW-3

BLDG. 728 AREA PREFIX IS 728

ex: 7283 = H728-MW-3

BLDG. 133 AREA PREFIX IS 133

ex: 1333 = H133-MW-3

EXCEPTIONS: EXISTING WELLS

ARE LISTED; 1, 6, 8, 15 AND

SHOWN AS; H133-PX-1, H133-PX-6,

H133-PX-8, & H133-PX-15

(AB)

Date: 09-08-1995

Time: 16:51

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REF	STAND DEV.	HEIGHT OF POINT
900	*****	BEGINNING OF LEVELLING RUN *****						20.3100
900	3.5140				78.020	3	0.0002	
7103		5.3880			48.560	3	0.0001	18.4360
7103	6.2890				150.330	3	0.0003	
72811		5.8370			71.030	3	0.0002	18.8880
72811	5.8300				71.060	3	0.0000	
72810		5.6110			128.180	3	0.0002	19.1070
72810	6.4850				109.910	3	0.0002	
7289		5.3210			102.390	3	0.0002	20.2710
7289	5.5890				120.140	3	0.0005	
7285		5.4850			54.070	3	0.0001	20.3750
7285	5.4100				70.960	3	0.0000	
7288		6.6180			170.870	4	0.0011	19.1670
7288	6.5890				170.730	3	0.0002	
7286		5.7320			65.490	3	0.0002	20.0240
7286	5.7070				65.450	3	0.0001	
7283		4.9350			75.000	3	0.0004	20.7960
7283	5.6430				69.420	3	0.0000	
7282		5.9320			53.610	3	0.0001	20.5070
7282	4.7370				79.330	3	0.0001	
7281		6.0470			63.680	3	0.0000	19.1970
7281	5.2330				168.210	3	0.0006	
1		4.2760			112.170	3	0.0002	20.1540
1	5.4300				60.660	3	0.0003	
7106		5.5890			38.520	3	0.0004	19.9950
7106	5.5680				88.550	3	0.0002	
7287		6.3880			167.850	3	0.0004	19.1750
7287	5.3540				145.180	3	0.0002	
7105		6.0710			58.230	5	0.0011	18.4580
7105	6.0630				58.330	3	0.0002	
7284		5.7810			210.430	3	0.0005	18.7400
7284	5.7680				210.560	5	0.0020	
7104		6.1430			140.450	3	0.0001	18.3650
7104	5.2260				133.630	3	0.0010	
900		3.2800			244.880	4	0.0004	20.3110
*****	Cumulative distance:	3705.88 feet	*****					
*****	Vertical closure:	-0.0010 foot	*****					
*****	Accuracy of leveling:	0.001 foot JMile	*****					

Path: C:\94348\NA2

File: 94348B .ADJ

757 .a.. 9-08-95 16:52:50

Page 1

NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\94348B.NA2

Date: 09-08-1995

Time: 16:52

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION	
<i>TBM</i> 900	0.00	20.3100	0.0000	20.3100	<i>BOLT ON FH</i>
7102	176.18	18.0620	-0.0010	18.0610	
7101	414.04	18.0290	-0.0025	18.0265	
72812	728.11	18.5150	-0.0043	18.5107	
72813	985.46	18.3920	-0.0058	18.3862	
72814	1228.14	18.7680	-0.0073	18.7607	
900	1519.64	20.3190	-0.0090	20.3100	

Date: 09-08-1995

Time: 16:52

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REF	STAND DEV.	HEIGHT OF POINT
900	*****	BEGINNING	OF	LEVELLING RUN	*****			20.3100
900	3.5740				81.300	3	0.0001	
7102		5.8220			94.880	3	0.0003	18.0620
7102	5.7920				94.780	3	0.0002	
7101		5.8250			143.080	3	0.0039	18.0290
7101	5.8220				143.110	3	0.0019	
72812		5.3360			170.960	3	0.0009	18.5150
72812	5.3200				165.650	3	0.0007	
72813		5.4430			91.700	3	0.0004	18.3920
72813	5.6590				94.880	3	0.0000	
72814		5.3130			147.800	3	0.0002	18.7680
72814	5.3330				147.800	3	0.0011	
900		3.7820			143.700	3	0.0003	20.3190
	*****	Cumulative distance: 1519.64 feet				*****		
	*****	Vertical closure: -0.0090 foot				*****		
	*****	Accuracy of leveling: 0.017 foot J/Mile				*****		

Path: C:\94348\NA2

File: 94348C .ADJ

1,007 .a.. 9-08-95 16:53:28

Page 1

NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\94348C.NA2

Date: 09-08-1995

Time: 16:53

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION	
HP 7	0.00	23.3100	0.0000	23.3100	T/ASPH.
PX 8	156.72	23.1890	0.0002	23.1892	EXISTING
1331	406.53	23.9780	0.0005	23.9785	
PX 6	653.68	24.5080	0.0008	24.5088	EXISTING
PX 15	914.21	22.7360	0.0011	22.7371	EXISTING.
PX 1	1082.19	25.5080	0.0013	25.5093	EXISTING
1335	1330.35	23.3640	0.0016	23.3656	
1334	1574.61	23.4290	0.0019	23.4309	
1336	1779.53	22.1250	0.0021	22.1271	
1332	2084.39	23.1800	0.0025	23.1825	
1333	2302.24	22.1140	0.0027	22.1167	
HP 7	2549.26	23.3070	0.0030	23.3100	T/ASPH.

Date: 07-08-1995

Time: 16:53

[illegible]

Path: C:\9434B\NA2
File: 9434BD .ADJ

557 .a.. 7-08-95 16:54:04

Page 1

NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\9434B\NA2\9434BD.NA2

Date: 09-08-1995

Time: 16:53

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION
<i>TP</i> 513	0.00	34.4600	0.0000	34.4600 <i>60-0</i>
72819	215.62	33.0240	0.0000	33.0240
513	431.20	34.4600	0.0000	34.4600

Date: 07-08-1995

Time: 16:53

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REP	STAND DEV.	HEIGHT OF POINT
513	*****	BEGINNING OF LEVELLING RUN *****						34.4600
513	4.6780				123.490	3	0.0003	
72819		6.1140			92.130	3	0.0005	33.0240
72819	6.1040				92.190	3	0.0005	
513		4.6680			123.390	3	0.0009	34.4600
	*****	Cumulative distance: 431.20 feet *****						
	*****	Vertical closure: 0.0000 foot *****						
	*****	Accuracy of leveling: 0.000 foot 1/4 Mile *****						

Path: C:\94348\NA2
File: 94348E .ADJ

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NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\94348E.NA2

Date: 09-08-1995

Time: 16:54

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION	
TP 512	0.00	37.3300	0.0000	37.3300	PK
72820	317.33	37.3570	0.0000	37.3570	
512	634.78	37.3300	0.0000	37.3300	

Date: 09-08-1995

Time: 16:54

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REP	STAND DEV.	HEIGHT OF POINT
512	*****	BEGINNING OF LEVELLING RUN *****						37.3300
512	5.7320				166.540	3	0.0021	
72820		5.7050			150.790	3	0.0013	37.3570
72820	5.6750				150.950	3	0.0005	
512		5.7020			166.500	3	0.0005	37.3300
	*****	Cumulative distance: 634.78 feet *****						
	*****	Vertical closure: 0.0000 foot *****						
	*****	Accuracy of leveling: 0.000 foot J/Mile *****						

Path: C:\94348\NA2
File: 94348F .ADJ

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NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\94348F.NA2

Date: 09-08-1995

Time: 16:55

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION
TP 510	0.00	37.2500	0.0000	37.2500
72821	294.10	35.5940	0.0010	35.5950
72822	501.74	32.2140	0.0018	32.2158
72823	629.07	31.7430	0.0022	31.7452
72824	858.10	37.2610	0.0030	37.2640
510	1128.27	37.2460	0.0040	37.2500

600

Date: 09-08-1995

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REP	STAND DEV.	HEIGHT OF POINT
510	*****	BEGINNING	OF	LEVELLING RUN	*****			37.2500
510	3.7920				143.180	3	0.0006	
72821		5.4480			150.920	3	0.0003	35.5940
72821	4.3250				118.830	3	0.0005	
72822		7.7050			88.810	3	0.0002	32.2140
72822	7.6840				88.880	3	0.0005	
72823		8.1550			38.450	3	0.0002	31.7430
72823	9.2130				106.360	3	0.0002	
72824		3.6950			122.670	3	0.0002	37.2610
72824	3.6750				122.700	3	0.0001	
510		3.6900			147.470	3	0.0002	37.2460
	*****	Cumulative distance:		1128.27 feet	*****			
	*****	Vertical closure:		0.0040 foot	*****			
	*****	Accuracy of leveling:		0.009 foot JMile	*****			

Path: C:\94348\NA2
File: 943486 .ADJ

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NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\943486.NA2

Date: 09-08-1995

Time: 16:55

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION
78m 800	0.00	38.0100	0.0000	38.0100
72826	155.91	37.9800	-0.0007	37.9793
72825	379.17	37.9780	-0.0018	37.9762
800	628.54	38.0130	-0.0030	38.0100

5/8" REBAR

Date: 09-08-1995

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REF	STAND DEV.	HEIGHT OF POINT
800	*****	BEGINNING OF LEVELLING RUN *****						38.0100
800	5.5760				91.080	3	0.0001	
72826		5.6060			64.830	3	0.0005	37.9800
72826	5.5170				64.930	3	0.0002	
72825		5.5190			158.330	3	0.0002	37.9780
72825	5.5060				158.430	3	0.0001	
800		5.4710			70.940	3	0.0005	38.0130
	*****	Cumulative distances: 628.54 feet *****						
	*****	Vertical closure: -0.0030 foot *****						
	*****	Accuracy of leveling: 0.009 foot /Mile *****						

Path: C:\94348\NA2
File: 94348H .ADJ

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NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\94348H.NA2

Date: 09-08-1995

Time: 16:56

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION	
<i>HV</i> 915	0.00	37.6700	0.0000	37.6700	<i>PK</i>
72828	183.04	37.2280	-0.0004	37.2276	
72829	362.60	36.9490	-0.0008	36.9482	
72830	554.76	37.2590	-0.0012	37.2578	
815	887.90	37.6720	-0.0020	37.6700	

Date: 09-08-1995

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REF.	STAND DEV.	HEIGHT OF POINT
815	*****	BEGINNING OF LEVELLING RUN			*****			37.6700
815	5.4920				119.290	3	0.0001	
72828		5.9340			63.750	3	0.0001	37.2280
72828	5.5590				70.510	3	0.0007	
72829		5.8380			109.050	3	0.0001	36.9490
72829	5.8180				109.120	3	0.0002	
72830		5.5080			83.040	3	0.0003	37.2590
72830	5.7450				149.610	4	0.0009	
815		5.3320			183.530	3	0.0006	37.6720
*****	Cumulative distance:	887.90 feet	*****					
*****	Vertical closure:	-0.0020 foot	*****					
*****	Accuracy of leveling:	0.005 foot / Mile	*****					

Path: C:\94348\NA2

File: 94348I .ADJ

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NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\94348I.NA2

Date: 09-08-1995

Time: 16:57

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION	
<i>HV</i> 815	0.00	37.6700	0.0000	37.6700	<i>PK</i>
72827	330.41	37.4980	0.0020	37.5000	
815	660.86	37.6660	0.0040	37.6700	

Date: 07-08-1995

Time: 16:57

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REP	STAND DEV.	HEIGHT OF POINT
815	*****	BEGINNING OF LEVELLING RUN *****						37.6700
815	5.7140				187.200	3	0.0007	
72827		5.8860			143.210	3	0.0008	37.4980
72827	5.8530				143.340	3	0.0003	
815		5.6850			187.110	3	0.0004	37.6660
	*****	Cumulative distance: 640.86 feet *****						
	*****	Vertical closure: 0.0040 foot *****						
	*****	Accuracy of leveling: 0.011 foot -Mile *****						

Path: C:\94348\NA2

File: 94348J .ADJ

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NA2/3000 Version 11-93

WILD NA2/3000 data extracted from file C:\94348\NA2\94348J.NA2

Date: 09-08-1995

Time: 16:58

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION	
<i>TP</i> 505	0.00	36.5100	0.0000	36.5100	<i>PK</i>
72817	371.13	36.4890	-0.0005	36.4885	
72816	748.69	35.4350	-0.0009	35.4341	
72818	1129.04	36.9150	-0.0014	36.9136	
505	1627.59	36.5120	-0.0020	36.5100	

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Time: 16:59

POINT NUMBER	BACK SIGHT	FORE SIGHT	INTER. POINT	SETTING OUT	MEASURED DISTANCE	NBR REP	STAND DEV.	HEIGHT OF POINT
505	*****	BEGINNING	OF LEVELLING RUN	*****				36.5100
505	5.4330				180.610	3	0.0004	
72817		5.4540			190.520	3	0.0002	36.4890
72817	5.4400				190.520	3	0.0000	
72816		6.4940			187.040	3	0.0006	35.4350
72816	7.4630				192.030	3	0.0002	
72818		5.9830			188.320	3	0.0001	36.9150
72818	5.5780				237.430	3	0.0005	
505		5.9810			261.120	3	0.0004	36.5120
*****		Cumulative distance: 1627.59 feet				*****		
*****		Vertical closure: -0.0020 foot				*****		
*****		Accuracy of leveling: 0.004 foot 1/4 Mile				*****		

Path: C:\94348\NA2

File: 94348K .ADJ

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WILD NA2/3000 data extracted from file C:\94348\NA2\94348K.NA2

Date: 09-08-1995

Time: 16:59

POINT NUMBER	CUMUL. DISTANCE	MEASURED ELEVATION	VERTICAL DIFF.	ADJUSTED ELEVATION	
TP 504	0.00	37.5500	0.0000	37.5500	PK
72815	36.32	37.2900	-0.0005	37.2895	
504	72.77	37.5510	-0.0010	37.5500	

115	943484043	SS MW 4 GC 710	N	739776.846	E	819584.852	Z	18.737
116	Stat. on occupied pt							
117	94348	513 TP TP.513 60D	D	848.120	Hz	0.0000	V1	89.1741
118	94348	513 TP TP.513 60D	dl	-0.060	dq	0.000		
119	94348	514 TP TP.514 60D	N	739043.695	E	820626.727	Z	23.761
120	94348	514 TP TP.514 60D	m	1.000020	Om	195.5047	ih	5.500
121	Sideshots							
122	943484044	SS MW 1 BC 728	D	714.310	Hz	120.1053	V1	90.2337
123	943484044	SS MW 1 BC 728	N	739557.766	E	820130.777	Z	19.524
124	943484045	SS MW 1 GC 728	D	714.720	Hz	120.1226	V1	90.2350
125	943484045	SS MW 1 GC 728	N	739558.284	E	820130.724	Z	19.477
126	943484046	SS MW 2 BC 728	D	821.450	Hz	126.4453	V1	90.1502
127	943484046	SS MW 2 BC 728	N	739696.226	E	820127.730	Z	20.843
128	943484047	SS MW 2 GC 728	D	822.170	Hz	126.4733	V1	90.1521
129	943484047	SS MW 2 GC 728	N	739697.185	E	820127.800	Z	20.764
130	943484048	SS CPC.3	D	277.370	Hz	158.5746	V1	90.2828
131	943484048	SS CPC.3	N	739319.924	E	820601.633	Z	22.126
132	943484049	SS CPC.3	D	289.720	Hz	162.1146	V1	90.2744
133	943484049	SS CPC.3	N	739333.242	E	820616.831	Z	22.086
134	943484050	SS CPC.3	D	286.690	Hz	162.3946	V1	90.2758
135	943484050	SS CPC.3	N	739330.284	E	820619.268	Z	22.090
136	943484051	SS CPC+.3	D	274.390	Hz	159.2053	V1	90.2959
137	943484051	SS CPC+.3	N	739317.116	E	820603.741	Z	22.029
138	943484052	SS SW2/SE2 H133	D	511.710	Hz	273.5435	V1	89.5441
139	943484052	SS SW2/SE2 H133	N	738870.725	E	821108.327	Z	18.318
140	943484053	SS SW1/SE1 H133	D	181.280	Hz	238.0207	V1	90.3425
141	943484053	SS SW1/SE1 H133	N	739094.021	E	820800.876	Z	15.707
142	943484054	SS MW PX15BC 133	D	196.200	Hz	231.0435	V1	90.2220
143	943484054	SS MW PX15BC 133	N	739120.600	E	820807.226	Z	23.147
144	943484055	SS MW PX15GC 133	D	196.580	Hz	230.4833	V1	90.2416
145	943484055	SS MW PX15GC 133	N	739121.591	E	820807.214	Z	23.034
146	943484056	SS MW PX1 GC 133	D	115.030	Hz	215.2753	V1	90.2931
147	943484056	SS MW PX1 GC 133	N	739115.598	E	820716.512	Z	23.434
148	943484057	SS MW PX8 BC 133	D	128.200	Hz	328.4444	V1	90.2308
149	943484057	SS MW PX8 BC 133	N	738920.103	E	820660.789	Z	23.559
150	943484058	SS MW PX8 GC 133	D	127.390	Hz	328.4221	V1	90.2745
151	943484058	SS MW PX8 BC 133	N	738920.909	E	820660.658	Z	23.393
152	943484059	SS MW PX6 BC 133	D	273.780	Hz	293.0828	V1	89.5428
153	943484059	SS MW PX6 BC 133	N	738871.443	E	820839.535	Z	24.863
154	943484060	SS MW PX6 GC 133	D	273.000	Hz	293.0128	V1	89.5743
155	943484060	SS MW PX6 GC 133	N	738872.366	E	820839.279	Z	24.604
156	943484061	SS MW 1 BC 133	D	321.220	Hz	316.0412	V1	89.5934
157	943484061	SS MW 1 BC 133	N	738760.289	E	820777.947	Z	24.464
158	943484062	SS MW 1 GC 133	D	319.780	Hz	316.0412	V1	90.0133
159	943484062	SS MW 1 GC 133	N	738761.560	E	820777.269	Z	24.279
160	943484063	SS MW 2 BC 133	D	48.860	Hz	287.4205	V1	90.5117
161	943484063	SS MW 2 BC 133	N	739016.696	E	820667.444	Z	23.692
162	943484064	SS MW 2 GC 133	D	48.170	Hz	287.1014	V1	90.5744
163	943484064	SS MW 2 GC 133	N	739017.451	E	820667.113	Z	23.612
164	943484065	SS MW 3 BC 133	D	209.440	Hz	196.4050	V1	90.2952
165	943484065	SS MW 3 BC 133	N	739220.279	E	820739.340	Z	22.602
166	943484066	SS MW 3 GC 133	D	210.350	Hz	196.4043	V1	90.3034
167	943484066	SS MW 3 GC 133	N	739221.050	E	820739.823	Z	22.552
168	943484067	SS MW 4 BC 133	D	151.780	Hz	166.0822	V1	90.1115
169	943484067	SS MW 4 BC 133	N	739195.386	E	820631.987	Z	23.925
170	943484068	SS MW 4 GC 133	D	152.800	Hz	166.1523	V1	90.1420
171	943484068	SS MW 4 GC 133	N	739196.394	E	820632.334	Z	23.784

172	943484069	SS	MW	5	BC	133	D	204.680	Hz	172.3612	V1	90.1051
173	943484069	SS	MW	5	BC	133	N	739246.156	E	820656.804	Z	23.776
174	943484070	SS	MW	5	GC	133	D	205.620	Hz	172.3758	V1	90.1336
175	943484070	SS	MW	5	GC	133	N	739247.070	E	820657.046	Z	23.608
176	943484071	SS	MW	6	BC	133	D	229.760	Hz	152.3939	V1	90.2720
177	943484071	SS	MW	6	BC	133	N	739268.846	E	820580.949	Z	22.595
178	943484072	SS	MW	6	GC	133	D	230.830	Hz	152.4535	V1	90.2844
179	943484072	SS	MW	6	GC	133	N	739269.973	E	820581.127	Z	22.493
180	943484073	SS	HA	HA44	NG		D	140.100	Hz	37.3544	V1	90.1311
181	943484073	SS	HA	HA44	NG		N	738960.245	E	820514.190	Z	23.884
182	Stat. on occupied pt											
183	94348	514	TP	TP.514	60D		D	848.120	Hz	0.0000	V1	90.4503
184	94348	514	TP	TP.514	60D		dl	-0.053	dq	0.000		
185	94348	513	TP	TP.513	60D		N	738227.910	E	820395.169	Z	34.631
186	94348	513	TP	TP.513	60D		m	1.000020	Om	15.5047	ih	5.380
187	Sideshots											
188	943484074	SS	MW	19BC	728		D	215.320	Hz	338.1221	V1	90.2636
189	943484074	SS	MW	19BC	728		N	738442.069	E	820372.857	Z	33.506
190	943484075	SS	MW	19GC	728		D	216.620	Hz	338.0813	V1	90.2908
191	943484075	SS	MW	19GC	728		N	738443.333	E	820372.464	Z	33.336
192	Stat. on occupied pt											
193	94348	513	TP	TP.513	60D		D	644.130	Hz	0.0000	V1	90.1954
194	94348	513	TP	TP.513	60D		dl	-0.043	dq	0.000		
195	94348	512	TP	TP.512	60D		N	737584.713	E	820361.282	Z	37.501
196	94348	512	TP	TP.512	60D		m	1.000020	Om	3.0057	ih	5.660
197	Sideshots											
198	943484076	SS	MW	20BC	728		D	309.020	Hz	323.3708	V1	88.4637
199	943484076	SS	MW	20BC	728		N	737842.747	E	820191.364	Z	38.019
200	943484077	SS	MW	20GC	728		D	309.980	Hz	323.4513	V1	88.4813
201	943484077	SS	MW	20GC	728		N	737843.951	E	820191.444	Z	37.895
202	943484078	SS	MW	17BC	728		D	484.160	Hz	265.5458	V1	90.0955
203	943484078	SS	MW	17BC	728		N	737575.688	E	819877.198	Z	36.929
204	94348	510	TR	TP	510	60D	N	736646.788	E	821142.944	Z	37.471
205	94348	509	TR	TP	509	PK	N	736133.907	E	820508.152	Z	38.261
206	Stat. on occupied pt											
207	94348	509	TR	TP	509	PK	D	816.100	Hz	0.0000	V1	89.5743
208	94348	509	TR	TP	509	PK	dl	-0.023	dq	0.000		
209	94348	510	TR	TP	510	60D	N	736646.788	E	821142.944	Z	37.471
210	94348	510	TR	TP	510	60D	m	1.000020	Om	231.0349	ih	5.550
211	Sideshots											
212	943484079	SS	MW	21BC	728		D	155.640	Hz	163.0656	V1	90.4554
213	943484079	SS	MW	21BC	728		N	736775.538	E	821230.374	Z	36.103
214	943484080	SS	MW	21GC	728		D	156.320	Hz	162.5208	V1	90.4624
215	943484080	SS	MW	21GC	728		N	736776.477	E	821230.198	Z	36.072
216	943484081	SS	MW	22BC	728		D	194.620	Hz	179.4145	V1	91.3654
217	943484081	SS	MW	22BC	728		N	736769.854	E	821293.619	Z	32.697
218	943484082	SS	MW	22GC	728		D	195.050	Hz	179.1430	V1	91.3714
219	943484082	SS	MW	22GC	728		N	736771.319	E	821292.970	Z	32.666
220	943484083	SS	MW	23BC	728		D	200.310	Hz	202.2835	V1	91.4311
221	943484083	SS	MW	23BC	728		N	736703.521	E	821334.962	Z	32.170
222	943484084	SS	MW	23GC	728		D	200.370	Hz	202.0154	V1	91.4431
223	943484084	SS	MW	23GC	728		N	736705.026	E	821334.571	Z	32.091
224	943484085	SS	MW	24BC	728		D	130.960	Hz	285.3957	V1	90.1104
225	943484085	SS	MW	24BC	728		N	736526.480	E	821194.684	Z	37.760
226	943484086	SS	MW	24GC	728		D	129.610	Hz	285.3202	V1	90.1338
227	943484086	SS	MW	24GC	728		N	736527.839	E	821194.424	Z	37.667
228	943484087	SS	MW	25BC	728		D	393.650	Hz	6.4924	V1	88.5656

Path: C:\94348\REC500

File: 94348_4 .REC 22,000 .a.. 9-08-95 16:30:14

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229	943484087	SS MW 25BC 728	N	736437.557 E	820809.572 Z	38.505
230	943484088	SS MW 26BC 728	D	485.730 Hz	4.4540 V1	89.3426
231	943484088	SS MW 26BC 728	N	736373.942 E	820741.092 Z	38.368
232	Stat. on occupied pt					
233	94348 510	TR TP 510 60D	D	816.090 Hz	359.5959 V1	90.0450
234	94348 510	TR TP 510 60D	d1	-0.013 dq	0.000	
235	94348 509	TR TP 509 PK	N	736133.907 E	820508.152 Z	38.261
236	94348 509	TR TP 509 PK	m	1.000020 Om	51.0350 ih	5.580
237	Sideshots					
238	943484089	SS MW 29BC 728	D	1211.330 Hz	180.3418 V1	90.0444
239	943484089	SS MW 29BC 728	N	735382.065 E	819558.357 Z	37.364
240	943484090	SS MW 30BC 728	D	1181.900 Hz	178.3814 V1	90.0410
241	943484090	SS MW 30BC 728	N	735369.467 E	819606.724 Z	37.597
242	943484091	SS MW 28BC 728	D	1034.560 Hz	180.5016 V1	90.0433
243	943484091	SS MW 28BC 728	N	735495.556 E	819693.988 Z	37.654
244	943484092	SS MW 27BC 728	D	528.710 Hz	182.2739 V1	90.0723
245	943484092	SS MW 27BC 728	N	735819.595 E	820083.002 Z	37.871
246	Stat. on occupied pt					
247	94348 509	TR TP 509 PK	D	816.100 Hz	0.0000 V1	89.5934
248	94348 509	TR TP 509 PK	d1	-0.023 dq	0.000	
249	94348 510	TR TP 510 60D	N	736646.788 E	821142.944 Z	37.471
250	94348 510	TR TP 510 60D	m	1.000020 Om	231.0349 ih	5.550
251	Sideshots					
252	943484093	SS HA HAB9 728	D	480.110 Hz	5.1215 V1	89.5844
253	943484093	SS HA HAB9 728	N	736380.171 E	820743.657 Z	38.363
254	Hoffman & Co. Inc.					
255	MONITOR WELL LOCATION					
256	JOB NO.: 94348					
257	Date:08 SEPT 95					
258	Project Name:HUNTER A.A.F.					
259	Client:M&E					
260	Weather: RAIN BODEG					
261	94348 504	TR TP 504 60D	N	737941.417 E	819032.123 Z	37.767
262	94348 505	TR TP 505 60D	N	737668.118 E	819518.355 Z	36.727
263	94348 506	TR TP 506 60D	N	737054.646 E	819246.841 Z	37.354
264	Stat. on occupied pt					
265	94348 504	TR TP 504 60D	D	557.790 Hz	0.0000 V1	89.5901
266	94348 504	TR TP 504 60D	d1	-0.025 dq	0.000	
267	94348 505	TR TP 505 60D	N	737668.118 E	819518.355 Z	36.727
268	94348 505	TR TP 505 60D	m	1.000020 Om	299.2021 ih	5.730
269	Sideshots					
270	943484094	SS MW 15BC 728	D	543.940 Hz	359.3730 V1	89.5914
271	943484094	SS MW 15BC 728	N	737931.534 E	819042.440 Z	37.744
272	943484095	SS MW 16BC 728	D	122.190 Hz	243.0416 V1	90.4827
273	943484095	SS MW 16BC 728	N	737546.046 E	819513.217 Z	35.895
274	943484096	SS MW 18BC 728	D	499.120 Hz	253.4602 V1	90.0151
275	943484096	SS MW 18BC 728	N	737181.990 E	819405.172 Z	37.354

1 Hoffman & Co. Inc.
 2 MONITOR WELL LOCATION
 3 JOB NO.: 94348
 4 Date:06 SEPT 95
 5 Project Name:HUNTER A.A.F.
 6 Client:M&E
 7 Weather: RAIN BODEG

8	943481005	TR	TP.1005	5/BRB	N	739481.860	E	819451.190	Z	21.700
9	943483203	SS	SPUR 2	60D	N	739863.387	E	819684.087	Z	18.875
10	943481004	TP	TP.1004	5/BRB	N	739005.420	E	819294.000	Z	33.930
11	94348	512	TP	TP.512	60D	737584.713	E	820361.282	Z	37.501
12	94348	513	TP	TP.513	60D	738227.910	E	820395.169	Z	34.631
13	94348	514	TP	TP.514	60D	739043.695	E	820626.727	Z	23.761
14	Stat. on occupied pt									
15	943481005	TR	TP.1005	5/BRB	D	136.244	Hz	0.0000	V1	89.3842
16	943482000	SS	SPUR 1	60D	N	738356.516	E	819155.216	Z	37.361
17	Stat. on occupied pt									
18	943481005	TR	TP.1005	5/BRB	D	446.980	Hz	359.5958	V1	89.3838
19	943481004	TP	TP.1004	5/BRB	D	446.980	Hz	0.0000	V1	89.3838
20	Stat. on occupied pt									
21	943481004	TP	TP.1004	5/BRB	D	446.970	Hz	359.5953	V1	89.3838
22	Stat. on occupied pt									
23	943481005	TR	TP.1005	5/BRB	D	446.980	Hz	359.5950	V1	89.3841
24	943481005	TR	TP.1005	5/BRB	dl	0.014	dq	0.000		
25	943483203	SS	SPUR 2	60D	N	739863.387	E	819684.087	Z	18.875
26	943483203	SS	SPUR 2	60D	m	1.000020	Om	211.2415	ih	5.630
27	Sideshots									
28	943484000	SS	MW 3	BC 710	D	44.300	Hz	338.2202	V1	90.5726
29	943484000	SS	MW 3	BC 710	N	739819.735	E	819676.569	Z	18.925
30	943484001	SS	MW 3	GC 710	D	42.850	Hz	339.4146	V1	91.1554
31	943484001	SS	MW 3	GC 710	N	739821.348	E	819675.839	Z	18.719
32	943484002	SS	MW 1	BC 710	D	176.290	Hz	72.0557	V1	90.2129
33	943484002	SS	MW 1	BC 710	N	739904.551	E	819512.670	Z	18.564
34	943484003	SS	MW 1	GC 710	D	176.190	Hz	72.3922	V1	90.2505
35	943484003	SS	MW 1	GC 710	N	739906.191	E	819513.177	Z	18.380
36	943484004	SS	MW 2	BC 710	D	121.030	Hz	85.1931	V1	90.2938
37	943484004	SS	MW 2	BC 710	N	739917.823	E	819575.992	Z	18.622
38	943484005	SS	MW 2	GC 710	D	121.090	Hz	86.0113	V1	90.3714
39	943484005	SS	MW 2	GC 710	N	739919.156	E	819576.609	Z	18.354
40	943484006	SS	MW 14BC	728	D	327.260	Hz	141.2043	V1	90.0517
41	943484006	SS	MW 14BC	728	N	740188.036	E	819642.783	Z	19.164
42	943484007	SS	MW 14GC	728	D	328.790	Hz	141.1952	V1	90.0704
43	943484007	SS	MW 14GC	728	N	740189.543	E	819642.509	Z	18.991
44	943484008	SS	MW 13BC	728	D	91.880	Hz	127.0327	V1	90.2824
45	943484008	SS	MW 13BC	728	N	739948.850	E	819650.356	Z	18.906
46	943484009	SS	MW 13GC	728	D	92.930	Hz	127.2330	V1	90.3408
47	943484009	SS	MW 13GC	728	N	739950.023	E	819650.476	Z	18.742
48	943484010	SS	MW 11BC	728	D	153.530	Hz	163.2826	V1	90.0501
49	943484010	SS	MW 11BC	728	N	740011.773	E	819723.508	Z	19.441
50	943484011	SS	MW 11GC	728	D	154.620	Hz	163.2433	V1	90.0844
51	943484011	SS	MW 11GC	728	N	740012.871	E	819723.619	Z	19.273
52	943484012	SS	MW 10BC	728	D	231.780	Hz	173.4308	V1	90.0053
53	943484012	SS	MW 10BC	728	N	740073.244	E	819782.494	Z	19.607
54	943484013	SS	MW 10GC	728	D	232.820	Hz	173.4145	V1	90.0342
55	943484013	SS	MW 10GC	728	N	740074.226	E	819782.851	Z	19.416
56	943484014	SS	MW 9	BC 728	D	257.820	Hz	205.4832	V1	89.4556
57	943484014	SS	MW 9	BC 728	N	740003.003	E	819900.836	Z	20.721

58	943484015	SS MW 9 GC 728	D	258.780 Hz	205.4215 V1	89.4821
59	943484015	SS MW 9 GC 728	N	740003.920 E	819901.387 Z	20.543
60	943484016	SS MW 5 BC 728	D	349.170 Hz	232.1928 V1	89.4846
61	943484016	SS MW 5 BC 728	N	739901.531 E	820031.172 Z	20.808
62	943484017	SS MW 5 GC 728	D	349.120 Hz	232.0711 V1	89.4934
63	943484017	SS MW 5 GC 728	N	739902.765 E	820030.985 Z	20.727
64	943484018	SS MW 3 BC 728	D	376.600 Hz	250.4451 V1	89.4551
65	943484018	SS MW 3 BC 728	N	739784.112 E	820052.253 Z	21.218
66	943484019	SS MW 3 GC 728	D	376.040 Hz	250.3510 V1	89.4717
67	943484019	SS MW 3 GC 728	N	739785.266 E	820051.928 Z	21.059
68	943484020	SS MW 12BC 728	D	143.880 Hz	274.2228 V1	90.1735
69	943484020	SS MW 12BC 728	N	739779.266 E	819800.815 Z	18.930
70	943484021	SS MW 12GC 728	D	143.280 Hz	273.5514 V1	90.2125
71	943484021	SS MW 12GC 728	N	739780.541 E	819800.988 Z	18.773
72	943484022	SS MW 8 BC 728	D	184.330 Hz	217.1620 V1	90.0008
73	943484022	SS MW 8 BC 728	N	739930.417 E	819855.801 Z	19.659
74	943484023	SS MW 8 GC 728	D	184.570 Hz	216.5319 V1	90.0019
75	943484023	SS MW 8 GC 728	N	739931.654 E	819855.572 Z	19.649
76	943484024	SS MW 6 BC 728	D	255.850 Hz	238.1917 V1	89.4932
77	943484024	SS MW 6 BC 728	N	739864.613 E	819939.938 Z	20.445
78	943484025	SS MW 6 GC 728	D	255.150 Hz	238.0531 V1	89.4940
79	943484025	SS MW 6 GC 728	N	739865.631 E	819939.231 Z	20.433
80	943484026	SS CPC.1	D	183.880 Hz	157.0151 V1	90.3132
81	943484026	SS CPC.1	N	740045.274 E	819711.059 Z	17.979
82	943484027	SS CPC.1	D	183.380 Hz	158.0714 V1	90.3103
83	943484027	SS CPC.1	N	740044.235 E	819714.431 Z	18.009
84	943484028	SS CPC.1	D	170.430 Hz	157.3256 V1	90.2425
85	943484028	SS CPC.1	N	740031.740 E	819710.610 Z	18.455
86	943484029	SS CPC+.1	D	170.570 Hz	156.1348 V1	90.2228
87	943484029	SS CPC+.1	N	740032.445 E	819706.747 Z	18.551
88	943484030	SS CPC.2	D	283.300 Hz	216.1233 V1	89.5708
89	943484030	SS CPC.2	N	739971.286 E	819946.041 Z	19.903
90	943484031	SS CPC.2	D	286.440 Hz	216.4015 V1	89.5648
91	943484031	SS CPC.2	N	739970.344 E	819949.815 Z	19.933
92	943484032	SS CPC.2	D	274.990 Hz	219.5656 V1	89.5705
93	943484032	SS CPC.2	N	739951.313 E	819944.647 Z	19.900
94	943484033	SS CPC+.2	D	271.980 Hz	219.3450 V1	89.5635
95	943484033	SS CPC+.2	N	739952.006 E	819941.230 Z	19.937
96	943484034	SS MW 4 BC 728	D	283.580 Hz	272.5823 V1	90.0514
97	943484034	SS MW 4 BC 728	N	739703.264 E	819918.141 Z	19.235
98	943484035	SS MW 4 GC 728	D	282.950 Hz	272.5231 V1	90.0636
99	943484035	SS MW 4 GC 728	N	739704.019 E	819917.893 Z	19.123
100	943484036	SS MW 7 BC 728	D	233.620 Hz	282.2428 V1	90.0016
101	943484036	SS MW 7 BC 728	N	739701.650 E	819852.675 Z	19.648
102	943484037	SS MW 7 GC 728	D	232.830 Hz	282.1358 V1	90.0124
103	943484037	SS MW 7 GC 728	N	739702.711 E	819852.596 Z	19.571
104	943484038	SS MW 6 BC 710	D	307.590 Hz	321.5322 V1	89.5036
105	943484038	SS MW 6 BC 710	N	739557.897 E	819720.009 Z	20.508
106	943484039	SS MW 6 GC 710	D	306.220 Hz	321.5427 V1	89.5243
107	943484039	SS MW 6 GC 710	N	739559.246 E	819719.753 Z	20.316
108	943484040	SS MW 5 BC 710	D	204.930 Hz	331.4009 V1	90.0828
109	943484040	SS MW 5 BC 710	N	739658.748 E	819673.100 Z	19.161
110	943484041	SS MW 5 GC 710	D	203.350 Hz	331.4703 V1	90.1318
111	943484041	SS MW 5 GC 710	N	739660.349 E	819672.777 Z	18.879
112	943484042	SS MW 4 BC 710	D	132.710 Hz	16.5532 V1	90.1916
113	943484042	SS MW 4 BC 710	N	739775.155 E	819584.955 Z	18.922
114	943484043	SS MW 4 GC 710	D	131.670 Hz	17.3017 V1	90.2415

MONITORING WELLS - AREA 728

MONITOR WELL	N - COORD	E - COORD	TOC EL	BOC EL	GROUND EL.
728-MW-1	739557.766	820130.777	19.20	19.5	19.5
728-MW-2	739696.226	820127.730	20.51	20.8	20.8
728-MW-3	739784.112	820052.253	20.80	21.2	21.1
728-MW-4	739703.264	819918.141	18.74	19.2	19.1
728-MW-5	739901.531	820031.172	20.37	20.8	20.7
728-MW-6	739864.613	819939.938	20.02	20.4	20.4
728-MW-7	739701.650	819852.675	19.17	19.6	19.6
728-MW-8	739930.417	819855.801	19.17	19.7	19.6
728-MW-9	740003.003	819900.836	20.27	20.7	20.5
728-MW-10	740073.244	819782.494	19.11	19.6	19.4
728-MW-11	740011.773	819723.508	18.89	19.4	19.3
728-MW-12	739779.266	819800.815	18.51	18.9	18.8
728-MW-13	739948.850	819650.356	18.39	18.9	18.7
728-MW-14	740188.036	819642.783	18.76	19.2	19.0
728-MW-15	737931.534	819042.440	37.29	37.7	37.7
728-MW-16	737546.046	819513.217	35.43	35.9	35.9
728-MW-17	737575.688	819877.198	36.49	36.9	36.9
728-MW-18	737181.990	819405.172	36.91	37.4	37.4
728-MW-19	738442.069	820372.857	33.02	33.5	33.3
728-MW-20	737842.747	820191.364	37.36	38.0	37.9
728-MW-21	736775.538	821230.374	35.60	36.1	36.1
728-MW-22	736769.854	821293.619	32.22	32.7	32.7
728-MW-23	736703.521	821334.962	31.75	32.2	32.1
728-MW-24	736526.480	821194.684	37.26	37.8	37.7
728-MW-25	736437.557	820809.572	37.98	38.5	38.5
728-MW-26	736373.942	820741.092	37.98	38.4	38.4
728-MW-27	735819.595	820083.002	37.50	37.9	37.9
728-MW-28	735495.556	819693.988	37.23	37.6	37.6
728-MW-29	735382.065	819558.357	36.95	37.4	37.4
728-MW-30	735369.467	819606.724	37.25	37.6	37.6

MONITORING WELLS - AREA 133

MONITOR WELLS	N- COORD	E - COORD	TOC EL	BOC EL	GROUND EL.
133-MW-1	738760.289	820777.947	23.99	24.5	24.3
133-MW-2	739016.696	820667.444	23.18	23.7	23.6
133-MW-3	739220.279	820739.340	22.1	22.6	22.6
133-MW-4	739195.386	820631.987	23.43	23.9	23.8
133-MW-5	739246.156	820656.804	23.37	23.8	23.6
133-MW-6	739268.846	820580.949	22.13	22.6	22.5
133-MW-PX1	739115.598	820716.512	25.51	23.4	23.4
133-MW-PX8	738920.103	820660.789	23.19	23.6	23.4
133-MW-PX6	738871.443	820839.535	24.51	24.9	24.6
133-MW-PX15	739120.600	820807.226	22.74	23.1	23.0
SW-SW2/SE2	738870.725	821108.327	18.318		
SW-SW1/SE1	739094.021	820800.876	15.707		

MONITORING WELLS - AREA 710

MONITOR WELL	N - COORD	E - COORD	TOC EL	BOC EL	GROUND EL
710-MW-1	739904.551	819512.670	18.03	18.6	18.4
710-MW-2	739917.823	819575.992	18.06	18.6	18.4
710-MW-3	739819.735	819676.569	18.44	18.9	18.7
710-MW-4	739775.155	819584.955	18.36	18.9	18.7
710-MW-5	739658.748	819673.100	18.46	19.2	18.9
710-MW-6	739557.897	819720.009	19.99	20.5	20.3

APPENDIX J

ANALYTICAL DATA

SAMPLING SCHEDULE
HUNTER ARMY AIRFIELD
SAVANNAH, GEORGIA

SAMPLE LOCATION	SAMPLE IDENTIFICATION	QA/QC		SAMPLE DEPTH (FT)	SDG #	SAMPLE DATE	LAB RC'D DATE	REPORT RC'D DATE	BTEX 8020	PARAMETERS				COMMENTS
		SAMPLE	MATRIX							TPH (1) 8015MB/100M	TPH 418.1M	PAH (2) 810008310	METALS 6000/7000	
BUILDING: 728 AIRPORT HYDRANT SYSTEM														
WASTE OIL TANKS														
Hand Auger	H728-HA122		SOIL	3	HAA06	6-20-95	6-20-95	7-20-95	X	X	X	X	X	
	H728-HA123		SOIL	3	HAA06	6-20-95	6-20-95	7-20-95	X	X	X	X	X	
	H728-HA124	QA/SPLIT	SOIL	3	HAA06	6-20-95	6-20-95	7-20-95	X	X	X	X	X	
	H728-HA125	QC/DUP	SOIL	3	HAA06	6-20-95	6-20-95	7-20-95	X	X	X	X	X	TB-10/SADL
	H728-HA132	DUPLICATE	SOIL	3	HAA06	6-20-95	6-20-95	7-20-95	X	X	X	X	X	H728-HA132
	H728-HA126		SOIL	3	HAA06	6-20-95	6-20-95	7-20-95	X	X	X	X	X	H728-HA125
	H728-HA127		SOIL	2	HAA06	6-20-95	6-20-95	7-20-95	X	X	X	X	X	
Monitoring Well Borings	H728-SB1		SOIL	3	HAA10	8-01-95	8-2-95	8-24-95	X	X	X	X	X	
	H728-SB2	SPLIT	SOIL	7	HAA10	8-01-95	8-2-95	8-24-95	X	X	X	X	X	
	H728-SB3		SOIL		HAA10	8-01-95	8-2-95	8-24-95	X	X	X	X	X	
	H728-SB4	DUPLICATE	SOIL		HAA10	8-02-95	8-2-95	8-24-95	X	X	X	X	X	H728-SB50
	H728-SB5		SOIL		HAA10	8-01-95	8-2-95	8-24-95	X	X	X	X	X	
Monitoring Well Groundwater	H728-MW1		WATER		HAA14	9-06-95	9-06-95	9-29-95	X	X	X	X	X	
	H728-MW2	SPLIT	WATER		HAA14/16	9-07-95	9-07-95	9-29-95	X	X	X	X	X	
	H728-MW3		WATER		HAA14	9-06-95	9-06-95	9-29-95	X	X	X	X	X	
	H728-MW4	DUPLICATE	WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X	X	X	X	X	H728-MW31
	H728-MW5		WATER		HAA14	9-06-95	9-06-95	9-29-95	X	X	X	X	X	
AVIATION TANKS AND PIPELINES														
Hand Auger	H728-HA1		SOIL	2	HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	
	H728-HA2		SOIL	4	HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	
	H728-HA3		SOIL	3	HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	
	H728-HA4		SOIL	2	HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	
	H728-HA5		SOIL	3	HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	
	H728-HA6		SOIL	5	HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	
	H728-HA7		SOIL	5	HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	
	H728-TB1	SAV. LAB	WATER		HAA01	6-13-95	6-13-95	7-13-95	X	X	X	X	X	*TPH analysis for purg.
	H728-HA8		SOIL	5	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-HA9	QA/SPLIT	SOIL	3	HAA01	6-14-95	6-15-95	7-14-95	X	X	X	X	X	TB-01/SADL
	H728-HA10	QC/DUP	SOIL	2	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	H728-HA111
	H728-HA11	DUPLICATE	SOIL	2	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	H728-HA10
	H728-HA12		SOIL	3	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-HA13		SOIL	4	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-HA14		SOIL	2	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-HA15		SOIL	3	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-HA16		SOIL	1	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-HA17		SOIL	3	HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-TB2	SAV. LAB	WATER		HAA01	6-14-95	6-14-95	7-14-95	X	X	X	X	X	
	H728-HA18	QA/SPLIT	SOIL	3	HAA02	6-14-95	6-14-95	7-14-95	X	X	X	X	X	*TPH analysis for purg.
	H728-HA19	QC/DUP	SOIL	1	HAA02	6-15-95	6-16-95	7-15-95	X	X	X	X	X	TB-02/SADL
	H728-HA112	DUPLICATE	SOIL	1	HAA02	6-15-95	6-15-95	7-15-95	X	X	X	X	X	H728-HA112
	H728-HA20		SOIL	5	HAA02	6-15-95	6-15-95	7-15-95	X	X	X	X	X	H728-HA19
	H728-HA21		SOIL	4	HAA02	6-15-95	6-15-95	7-15-95	X	X	X	X	X	
	H728-HA22		SOIL	5	HAA02	6-15-95	6-15-95	7-15-95	X	X	X	X	X	
	H728-HA23		SOIL	4	HAA02	6-15-95	6-15-95	7-15-95	X	X	X	X	X	

SAMPLING SCHEDULE
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SAMPLE LOCATION	SAMPLE IDENTIFICATION	QA/QC		SAMPLE DEPTH (FT)	SDG #	SAMPLE DATE	LAB RC'D DATE	REPORT RC'D DATE	BTX 8020	TPH (1) 8015M/8100M	PARAMETERS			COMMENTS
		SAMPLE	MATRIX								TRPH 418.1M	PAH (2) 8100/8310	METALS 6000/7000	
Hand Auger														
H728-HA24		SAV. LAB	SOIL	4	HAA02	6-15-95	6-15-95	7-15-95	X	X		X		*TPH analysis for purg.
H728-TB7			WATER		HAA02	6-16-95	6-16-95	7-16-95	X	X*				
H728-HA25			SOIL	4	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		
H728-HA26			SOIL	1	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		
H728-HA27		QC/DUP	SOIL	4	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		
H728-HA113		DUPLICATE	SOIL	4	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		H728-HA113
H728-HA28		QA/SPLIT	SOIL	6	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		H728-HA27
H728-HA29			SOIL	4	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		TB-3/SADL
H728-HA33			SOIL	3	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		
H728-HA34			SOIL	1	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		
H728-HA35			SOIL	0.3	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		
H728-HA36			SOIL	0.5		N.S.	N.S.	N.S.	X	X		X		
H728-HA37			SOIL	4	HAA02	6-16-95	6-16-95	7-16-95	X	X		X		
H728-TB8		SAV. LAB	WATER		HAA02	6-18-95	6-18-95	7-19-95	X	X*				*TPH analysis for purg.
H728-HA38			SOIL	2	HAA04	6-18-95	6-18-95	7-19-95	X	X				
H728-HA39			SOIL	3	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		
H728-HA40		QA/SPLIT	SOIL	3	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		
H728-HA41		QC/DUP	SOIL	3	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		TB-3/SADL
H728-HA114		DUPLICATE	SOIL	3	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		H728-HA114
H728-HA42			SOIL	3	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		H728-HA41
H728-HA43			SOIL	3	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		
H728-HA44			SOIL	5	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		
H728-HA45			SOIL	5	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		
H728-HA46			SOIL	5	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		
H728-HA47			SOIL	2	HAA04	6-18-95	6-18-95	7-19-95	X	X		X		
H728-TB9		SAV. LAB	WATER		HAA05	6-19-95	6-19-95	7-19-95	X	X*				*TPH analysis for purg.
H728-HA30			SOIL	4	HAA04	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA31			SOIL	2	HAA04	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA32			SOIL	1	HAA04	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA48			SOIL	2	HAA04	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA49			SOIL	5	HAA04	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA50		QA/SPLIT	SOIL	4	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		TB-3/SADL
H728-HA51		QC/DUP	SOIL	4	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		H728-HA115
H728-HA115		DUPLICATE	SOIL	4	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		H728-HA51
H728-HA52			SOIL	5	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA53			SOIL	3	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA54			SOIL	3	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA55			SOIL	3	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA56			SOIL	6	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA57			SOIL	5	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		
H728-HA58			SOIL	5	HAA05	6-19-95	6-19-95	7-19-95	X	X		X		
H728-TB10		SAV. LAB	WATER		HAA06	6-20-95	6-20-95	7-20-95	X	X*				*TPH analysis for purg.
H728-HA59		QA/SPLIT	SOIL	6	HAA06	6-20-95	6-20-95	7-20-95	X	X		X		TB-10/SADL
H728-HA60		QC/DUP	SOIL	3	HAA06	6-20-95	6-20-95	7-20-95	X	X		X		H728-HA116
H728-HA116		DUPLICATE	SOIL	3	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		H728-HA60
H728-HA61			SOIL	4	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		
H728-HA62			SOIL	5	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		
H728-HA63			SOIL	6	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		
H728-HA64			SOIL	3	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		
H728-HA65			SOIL	8	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		
H728-HA66			SOIL	2	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		
H728-HA67			SOIL	6	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		
H728-HA68			SOIL	4	HAA05	6-20-95	6-20-95	7-20-95	X	X		X		

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SAMPLE LOCATION	SAMPLE IDENTIFICATION	QA/QC		SAMPLE DEPTH (FT)	SDG #	SAMPLE DATE	LAB RC'D DATE	REPORT RC'D DATE	PARAMETERS			COMMENTS	
		SAMPLE	MATRIX						BTEX 8020	TPH (1) 8015M/8100M	TRPH 418.1M		PAH (2) 8100/8310
	H728-TB11	SAV. LAB	WATER		HAA07	6-21-95	6-21-95	7-21-95	X	X*			*TPH analysis for purg.
	H728-HA69		SOIL	3	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA70		SOIL	6	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA71	QC/DUP	SOIL	3	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA117	DUPLICATE	SOIL	3	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	H728-HA117
	H728-HA72	QA/SPLIT	SOIL	6	HAA06	6-21-95	6-22-95	7-21-95	X	X		X	H728-HA71
	H728-HA73		SOIL	6	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	TB-11/SADL
	H728-HA74		SOIL	6	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA75		SOIL	6	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA76		SOIL	8	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA77		SOIL	4	HAA06	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA78	QA/SPLIT	SOIL	6	HAA07	6-21-95	6-22-95	7-21-95	X	X		X	TB-11/SADL
Hand Auger	H728-HA79	QC/DUP	SOIL	6	HAA07	6-21-95	6-21-95	7-21-95	X	X		X	H728-HA118
	H728-HA118	DUPLICATE	SOIL	6	HAA07	6-21-95	6-21-95	7-21-95	X	X		X	H728-HA79
	H728-HA80		SOIL	6	HAA07	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA81		SOIL	6	HAA07	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA82		SOIL	4	HAA07	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-HA83		SOIL	2	HAA07	6-21-95	6-21-95	7-21-95	X	X		X	
	H728-TB12	SAV. LAB	WATER		HAA07	6-22-95	6-22-95	7-22-95	X	X*		X	*TPH analysis for purg.
	H728-HA84		SOIL	3	HAA07	6-22-95	6-22-95	7-22-95	X	X		X	
	H728-HA85	QA/SPLIT	SOIL	6	HAA07	6-22-95	6-23-95	7-22-95	X	X		X	TB-12/SADL
	H728-HA86	QC/DUP	SOIL	2	HAA07	6-22-95	6-22-95	7-22-95	X	X		X	H728-HA119
	H728-HA119	DUPLICATE	SOIL	2	HAA07	6-22-95	6-22-95	7-22-95	X	X		X	H728-HA85
	H728-HA87		SOIL	4	HAA07	6-22-95	6-22-95	7-22-95	X	X		X	
	H728-HA88		SOIL	5	HAA07	6-22-95	6-22-95	7-22-95	X	X		X	
	H728-HA89		SOIL	2	HAA07	6-22-95	6-22-95	7-22-95	X	X		X	
	H728-TB13	SAV. LAB	WATER		HAA07	6-22-95	6-22-95	7-22-95	X	X		X	*TPH analysis for purg.
	H728-HA90		SOIL	5	HAA08	6-27-95	6-28-95	7-28-95	X	X*		X	
	H728-HA91		SOIL	2	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
	H728-HA92		SOIL	1	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
	H728-HA93		SOIL	4	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
	H728-HA94		SOIL	3	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
	H728-HA95		SOIL	4	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
	H728-HA96		SOIL	3	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
	H728-HA97		SOIL	4	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
		H728-HA98		SOIL	3	HAA08	6-27-95	6-28-95	7-28-95	X	X		X
H728-HA99			SOIL	3	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
H728-HA100			SOIL	4	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
H728-HA101			SOIL	3	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
H728-HA102			SOIL	1	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
H728-HA103			SOIL	3	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	H728-HA120
H728-HA104			SOIL	3	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	
H728-HA120		DUPLICATE	SOIL	1	HAA08	6-27-95	6-28-95	7-28-95	X	X		X	H728-HA102

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SAMPLE LOCATION	SAMPLE IDENTIFICATION	QA/QC		SAMPLE DEPTH (FT)	SDG #	SAMPLE DATE	LAB RC'D DATE	REPORT RC'D DATE	BTEX 8020	TPH (1) 8015M/8100M	TRPH 418.1M	PARAMETERS		COMMENTS	
		SAMPLE	MATRIX									PAH (2)	METALS		
Monitoring Well Boring	H728-SB6	SPLIT	SOIL	5	HAA10	8-02-95	8-02-95	8-24-95	X	X		X			
	H728-SB7		SOIL		HAA10	8-02-95	8-02-95	8-24-95	X	X		X		MS/MSD	
	H728-SB8		SOIL	5	HAA10	8-02-95	8-02-95	8-24-95	X	X		X			
	H728-SB9		SOIL	7	HAA10	8-03-95	8-03-95	8-24-95	X	X		X			
	H728-SB10		SOIL	5	HAA10	8-03-95	8-03-95	8-24-95	X	X		X			
	H728-SB11		SOIL	7	HAA10	8-03-95	8-03-95	8-24-95	X	X		X			
	H728-SB12		SOIL	5	HAA10	8-04-95	8-04-95	8-24-95	X	X		X			
	H728-SB13		SOIL	7	HAA10	8-03-95	8-03-95	8-24-95	X	X		X			
	H728-SB14		SOIL	7	HAA10	8-04-95	8-04-95	8-24-95	X	X		X			
	H728-SB15		SOIL	7	HAA10	8-04-95	8-04-95	8-24-95	X	X		X			
	H728-SB16		SOIL	7	HAA10	8-04-95	8-04-95	8-24-95	X	X		X			
	H728-SB17	SPLIT/DUP	SOIL	6	HAA10	8-04-95	8-04-95	8-24-95	X	X		X			
	H728-SB18	DUPPLICATE	SOIL	7	HAA12	8-08-95	8-08-95	8-24-95	X	X		X		H728-SB52	
	H728-SB19		SOIL	7	HAA12	8-09-95	8-09-95	9-01-95	X	X		X		H728-SB54	
	H728-SB20		SOIL	7	HAA11	8-06-95	8-08-95	9-08-95	X	X		X			
	H728-SB21		SOIL	7	HAA12	8-08-95	8-08-95	9-01-95	X	X		X			
	H728-SB22		SOIL	7	HAA12	8-08-95	8-08-95	9-01-95	X	X		X		MS/MSD	
	H728-SB23		SOIL	5	HAA12	8-08-95	8-08-95	9-01-95	X	X		X			
	H728-SB24		SOIL	5	HAA11	8-06-95	8-08-95	9-08-95	X	X		X			
	H728-SB25		SOIL	7	HAA11	8-06-95	8-08-95	9-08-95	X	X		X			
	H728-SB26		SOIL	9	HAA11	8-07-95	8-08-95	9-08-95	X	X		X			
	H728-SB27		SOIL	5	HAA11	8-07-95	8-08-95	9-08-95	X	X		X			
	H728-SB28		SOIL	3	HAA11	8-07-95	8-08-95	9-08-95	X	X		X			
	H728-SB29	DUPPLICATE	SOIL	5	HAA11	8-07-95	8-08-95	9-08-95	X	X		X			
	H728-SB30	SPLIT	SOIL	7	HAA12	8-07-95	8-09-95	9-01-95	X	X		X		H728-SB53	
	H728-SB50	DUPPLICATE	SOIL		HAA12	8-15-95	8-15-95	9-01-95	X	X		X			
	H728-SB52	DUPPLICATE	SOIL		HAA10	8-02-95	8-02-95	8-24-95	X	X	X	X		H728-SB4	
	H728-SB53	DUPPLICATE	SOIL	7	HAA12	8-08-95	8-09-95	9-01-95	X	X		X		H728-SB17	
	H728-SB54	DUPPLICATE	SOIL	7	HAA12	8-09-95	8-09-95	9-01-95	X	X		X		H728-SB29	
	H728-TB19	SAV. LAB	WATER		HAA12	8-09-95	8-09-95	9-01-95	X	X		X		H728-SB54	
	H728-TB20	SAV. LAB	WATER		HAA10	8-02-95	8-02-95	8-24-95	X	X*		X*		*TPH analysis for purg.	
	H728-TB23	SADL	WATER		HAA10	8-03-95	8-03-95	8-24-95	X	X		X*		*TPH analysis for purg.	
	H728-TB26	SAV. LAB	WATER			8-02-95			X	X*		X*		*TPH analysis for purg.	
H728-TB36	SAV. LAB	WATER		HAA14	9-06-95	9-06-95	9-29-95	X	X		X				
Monitoring Well Groundwater	H728-MW6		WATER		HAA12	8-08-95	8-08-95	9-01-95	X			X			
	H728-MW7		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X			X			
	H728-MW8		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X			X			
	H728-MW9		WATER			N.S.	N.S.	N.S.	X			X		Free Product in well.	
	H728-MW10		WATER		HAA14	9-06-95	9-06-95	9-29-95	X			X			
	H728-MW11		WATER		HAA14	9-06-95	9-06-95	9-29-95	X			X			
	H728-MW12		WATER		HAA14	9-06-95	9-06-95	9-29-95	X			X			
	H728-MW13		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X			X			
	H728-MW14		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X			X			
	H728-MW15		WATER		HAA15	9-07-95	9-07-95	9-29-95	X			X		H728-MW33	
	H728-MW16		WATER		HAA15	9-07-95	9-07-95	9-29-95	X			X			
	H728-MW17		WATER		HAA15	9-07-95	9-07-95	9-29-95	X			X			
	H728-MW18		WATER		HAA15	9-07-95	9-07-95	9-29-95	X			X			
	AVIATION TANKS AND PIPELINES, cont'd	H728-MW19	SPLIT	WATER		HAA15	9-07-95	9-07-95	9-29-95	X			X		
		H728-MW20		WATER		HAA14	9-06-95	9-07-95	9-29-95	X			X		MS/MSD
		H728-MW21		WATER		HAA14	9-06-95	9-06-95	9-29-95	X			X		
		H728-MW22		WATER		HAA14	9-06-95	9-06-95	9-29-95	X			X		
		H728-MW23		WATER		HAA14	9-06-95	9-06-95	9-29-95	X			X		

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		SAMPLE	MATRIX								TRPH 418.1M	PAH (2) 8100/8310		METALS 6000/7000
BUILDING 710 MOGAS DIESEL TANKS	H728-MW24		WATER		HAA14	9-06-95	9-06-95	9-29-95	X		X			
	H728-MW25		WATER		HAA15	9-07-95	9-07-95	9-29-95	X		X		H728-MW32	
	H728-MW26		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X		X			
	H728-MW27		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X		X			
	H728-MW28		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X		X			
	H728-MW29	SPLIT	WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X		X			
	H728-MW30		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X		X			
	H728-MW31	DUPLICATE	WATER		HAA14	9-06-95	9-06-95	9-29-95	X		X	X	H728-MW3	
	H728-MW32	DUPLICATE	WATER		HAA15	9-07-95	9-07-95	9-29-95	X		X	X	H728-MW25	
	H728-MW33	DUPLICATE	WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X		X	X	H728-MW13	
	H728-ER2	EQ. RINS.	WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X		X			
	H728-TB27	SAV. LAB	WATER		HAA16	9-07-95	9-07-95	9-29-95	X					
Hand Auger	H710-HA1		SOIL	4	HAA03	6-17-95	6-17-95	7-17-95	X	X				
	H710-HA2		SOIL	4	HAA03	6-17-95	6-17-95	7-17-95	X	X				
	H710-HA3	QC/DUP	SOIL	4	HAA03	6-17-95	6-17-95	7-17-95	X	X				
	H710-HA9	DUPLICATE	SOIL	4	HAA03/08	6-17-95	6-17-95	7-17-95	X	X			H710-HA9	
	H710-HA4	QA/SPLIT	SOIL	2	HAA03	6-17-95	6-19-95	7-17-95	X	X			H710-HA3	
	H710-HA5		SOIL	1	HAA03	6-17-95	6-17-95	7-17-95	X	X			H728-TB3/SAOL	
	H710-HA6		SOIL	4	HAA03	6-17-95	6-17-95	7-17-95	X	X				
	H710-HA7		SOIL	4	HAA03	6-17-95	6-17-95	7-17-95	X	X				
	H710-HA8		SOIL	4	HAA03	6-17-95	6-17-95	7-17-95	X	X				
	H710-TB32	SAV. LAB	WATER	4	HAA03	6-17-95	6-17-95	7-17-95	X	X			*.TPH analysis for purg.	
	H710-HA10		SOIL	2	HAA08	6-28-95	6-28-95	7-28-95	X	X*				
	H710-SB1		SOIL	5	HAA11	8-05-95	8-08-95	9-08-95	X	X				
Monitoring Well Soil	H710-SB2		SOIL	5	HAA11	8-05-95	8-08-95	9-08-95	X	X				
	H710-SB3		SOIL	5	HAA11	8-05-95	8-08-95	9-08-95	X	X			H710-SB7	
	H710-SB4		SOIL	7	HAA11	8-05-95	8-08-95	9-08-95	X	X				
	H710-SB5		SOIL	5	HAA11	8-05-95	8-08-95	9-08-95	X	X				
	H710-SB6		SOIL	5	HAA11	8-05-95	8-08-95	9-08-95	X	X				
	H710-SB7		SOIL	5	HAA11	8-06-95	8-08-95	9-08-95	X	X				
	H710-TB34	DUPLICATE	SOIL	5	HAA11	8-05-95	8-08-95	9-08-95	X	X			H710-SB2	
	H710-TB34	SAV. LAB	WATER		HAA11	8-05-95	8-08-95	9-08-95	X	X*			*.TPH analysis for purg.	
	H710-TB35	SADI	WATER		HAA11	8-05-95	8-08-95	9-08-95	X	X*			*.TPH analysis for purg.	
	H710-MW1		WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X					
	H710-MW2		WATER		HAA15	9-07-95	9-07-95	9-29-95	X					
	Monitoring Well Groundwater	H710-MW3		WATER		HAA16	9-08-95	9-08-95	9-29-95	X				
H710-MW4			WATER		HAA16	9-08-95	9-08-95	9-29-95	X					
H710-MW5			WATER		HAA16	9-08-95	9-08-95	9-29-95	X				H710-MW7	
H710-MW6			WATER		HAA16	9-08-95	9-08-95	9-29-95	X					
H710-MW7			WATER		HAA16	9-08-95	9-08-95	9-29-95	X					
H710-MW7		DUPLICATE	WATER		HAA16	9-08-95	9-08-95	9-29-95	X					
H710-ER3		EQ. RINS.	WATER		HAA16	9-08-95	9-08-95	9-29-95	X				H710-MW4	
H710-TB36			WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X					
BUILDING 710 MOGAS DIESEL TANKS: cont'd.														
MW Groundwater		H710-TB36		WATER		HAA16	9-08-95	9-08-95	9-29-95	X				
		Supply Well GW	SAV. LAB	WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X				
Supply Well GW		H710-SMW 1		WATER		HAA16	9-08-95	9-08-95	9-29-95	X				
			WATER		HAA15/16	9-07-95	9-07-95	9-29-95	X					

(1) - Extractable PH - 8100MOD; Purgeable PH - 8015MOD
 (2) - Soil Samples - 8100; Water Samples - 8310

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

SAMPLE ID	SL LOG NUMBER	SAMPLE DATE	MATRIX	UNITS	H728-HA8 S553288*1 08/14/85	H728-HA9 S553288*2 08/14/85	H728-HA10 S553288*3 08/14/85	H728-HA11 S553288*4 08/14/85	H728-HA11 S553288*5 08/14/85	H728-HA12 S553288*6 08/14/85	H728-HA13 S553288*7 08/14/85	H728-HA14 S553288*8 08/14/85	H728-HA15 S553288*9 08/14/85	H728-HA18 S553288*10 08/14/85
					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)														
Benzene	ug/kg dw	<5.7	67	10				8.7	11	<5.7	<5.5	<1100	<5.4	<8.2
Toluene	ug/kg dw	<5.7	97	8.1			<5.7	<8.2	13	<5.7	<5.5	7100	<5.4	<8.2
Ethylbenzene	ug/kg dw	12	890	13				12	23	<5.7	59	5800	<5.4	<8.2
Total Xylenes	ug/kg dw	85 %	97 %	108 %	1	5		98 %	107 %	94 %	84 %	92 %	108 %	112 %
Surrogate - a,a,a-Trifluorobutene														
Dilution factor														
Date Analyzed														
Batch ID														
Clock ID														
Gasoline Range Organics (8015M)														
Hydrocarbons as GRO	mg/kg dw	3.4	280°F39	570°F39				2.5	3800°F39	<0.20	100°F39	2100°F39	<0.20	<0.22
Surrogate - a,a,e-Trifluorobutene														
Dilution factor														
Date Analyzed														
Batch ID														
Clock ID														
Diesel Range Organics (8100M)														
Hydrocarbons as DRO	mg/kg dw	11	16	<11	58 %	1		51 %	87	<11	170	310	74 %	<12
Surrogate - 2-Fluorobiphenyl														
Dilution factor														
Date Extracted														
Date Analyzed														
Batch ID														
Instrument ID														
Polynuclear Aromatics (8100)														
Acenaphthene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720°F34	<1800°F34	<720°F34	<410
Acenaphthylene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Benzo(a)pyrene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Benzo(g,h,i)perylene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Benzo(b,k)fluoranthene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Chrysene + Benzo(a)anthracene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Fluoranthene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Fluorene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Naphthalene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Phenanthrene + Anthracene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Pyrene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
1-Methylnaphthalene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
2-Methylnaphthalene	ug/kg dw	<380	<380	<370	<370	<370	<370	<370	<410	<380	<720	<1800	<720	<410
Surrogate - 2-Fluorobiphenyl	ug/kg dw	73 %	82 %	57 %	49 %	1	82 %	85 %	87 %	84 %	87 %	87 %	73 %	61 %
Dilution factor														
Date Extracted														
Date Analyzed														
Batch ID														
Instrument ID														
Percent Solids (180.3)														
Percent Solids (180.3)	%	87	85	89	89	80	88	81	87	87	81	87	80	80

S553288.WK1

SAMPLE ID	H728-HA17	
SL LOG NUMBER	S553288*11	
SAMPLE DATE	08/14/85	
MATRIX	SOIL	
Purgeable Aromatics (8020)		
Benzene	ug/kg dw	<5.8
Toluene	ug/kg dw	<5.8
Ethylbenzene	ug/kg dw	<5.8
Total Xylenes	ug/kg dw	<5.8
Surrogate - a,a,a-Trifluorotoluene		104 %
Dilution factor		1
Date Analyzed	08.28.85	
Batch ID	082778	
Clock ID	2E0627	
Gasoline Range Organics (8015M)		
Hydrocarbons as GRO	mg/kg dw	<0.20
Surrogate - a,a,a-Trifluorotoluene		91 %
Dilution factor		1
Date Analyzed	08.28.85	
Batch ID	082610	
Clock ID	2D0627	
Diesel Range Organics (8100M)		
Hydrocarbons as DRO	mg/kg dw	<11
Surrogate - 2-Fluorobiphenyl		57 %
Dilution factor		1
Date Extracted	08.16.85	
Date Analyzed	07.16.85	
Batch ID	0816R	
Instrument ID	FID	
Polynuclear Aromatics (8100)		
Acenaphthene	ug/kg dw	<370
Acenaphthylene	ug/kg dw	<370
Benzo(a)pyrene	ug/kg dw	<370
Benzo(g,h,i)perylene	ug/kg dw	<370
Benzo(b,k)fluoranthene	ug/kg dw	<370
Chrysene + Benzo(a)anthracene	ug/kg dw	<370
Fluoranthene	ug/kg dw	<370
Fluorene	ug/kg dw	<370
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	ug/kg dw	<370
Naphthalene	ug/kg dw	<370
Phenanthrene + Anthracene	ug/kg dw	<370
Pyrene	ug/kg dw	<370
1-Methylnaphthalene	ug/kg dw	<370
2-Methylnaphthalene	ug/kg dw	<370
Surrogate - 2-Fluorobiphenyl		79 %
Dilution factor		1
Date Extracted	08.16.85	
Date Analyzed	08.30.85	
Batch ID	0816R	
Instrument ID	FIDH	
Percent Solids (160.3)	%	80
Percent Solids (160.3)		

SS53288.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-TB1
SS53288*21
08/14/95
WATER

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
103 %
08.25.95
0622C
1D0625

1

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - a,a,a-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

mg/l
mg/l
107 %
08.25.95
0622C
1D0625

1

SAMPLE ID	SL LOG NUMBER	SAMPLE DATE	MATRIX	UNITS	H728-HA18	H728-HA19	H728-HA112	H728-HA20	H728-HA21	H728-HA22	H728-HA23	H728-HA24
					S553311*1	S553311*2	S553311*3	S553311*4	S553311*5	S553311*6	S553311*7	S553311*8
					06/15/85	06/15/85	06/15/85	06/15/85	06/15/85	06/15/85	06/15/85	06/15/85
					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)	Benzene			ug/kg dw	<5.7	<5.3	<5.3	<5.9	<5.6	<5.3	<5.4	<5.2
	Toluene			ug/kg dw	<5.7	<5.3	<5.3	<5.9	<5.6	<5.3	<5.4	<5.2
	Ethylbenzene			ug/kg dw	<5.7	<5.3	<5.3	<5.9	<5.6	<5.3	<5.4	<5.2
	Total Xylenes			ug/kg dw	<5.7	<5.3	<5.3	<5.9	<5.6	<5.3	<5.4	<5.2
	Surrogate - a,a,-Trifluorotoluene				95 %	112 %	98 %	85 %	87 %	104 %	110 %	118 %
	Dilution factor											
	Date Analyzed											
	Batch ID				0628B	0628B	0627B	0627B	0627B	0627B	0628A	0628B
	Clock ID				1E0628	1E0629	1E0628	1E0628	1E0628	1E0628	1E0628	1E0629
Gasoline Range Organics (8015M)	Hydrocarbons as GRO			mg/kg dw	<0.20	<0.18	<0.19	<0.21	<0.20	<0.19	<0.20	<0.19
	Surrogate - a,a,-Trifluorotoluene				134 %	69 %	98 %	105 %	91 %	97 %	103 %	70 %
	Dilution factor											
	Date Analyzed											
	Batch ID				0627C	0627C	0627C	0627C	0627C	0627C	0627C	0627C
	Clock ID				2D0628	2D0628	2D0628	2D0628	2D0628	2D0628	2D0628	2D0628
Diesel Range Organics (8100M)	Hydrocarbons as DRO			mg/kg dw	<11	<10	<11	<12	<11	<11	<11	<10
	Surrogate - 2-Fluorobiphenyl				89 %	78 %	73 %	70 %	85 %	90 %	74 %	74 %
	Dilution factor											
	Date Extracted											
	Date Analyzed				06.19.85	06.19.85	06.19.85	06.19.85	06.19.85	06.19.85	06.19.85	06.19.85
	Batch ID				0618R	0618R	0618R	0618R	0618R	0618R	0618R	0618R
	Instrument ID				FIDI	FIDI	FIDI	FIDI	FIDI	FIDI	FIDI	FIDI
Polynuclear Aromatics (8100)	Acenaphthene			ug/kg dw	<360	<350	<350	<390	<370	<350	<360	<340
	Acenaphthylene			ug/kg dw	<360	<350	<350	<390	<370	<350	<360	<340
	Benzo(a)pyrene			ug/kg dw	<360	<350	<350	<390	<370	410	<360	<340
	Benzo(g,h,i)perylene			ug/kg dw	<360	<350	<350	<390	<370	<350	<360	<340
	Benzo(b,k)fluoranthene			ug/kg dw	<360	<350	<350	<390	<370	930	<360	<340
	Chrysene + Benzo(a)anthracene			ug/kg dw	<360	<350	<350	<390	<370	400	<360	<340
	Fluoranthene			ug/kg dw	<360	<350	<3					

SS53311.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-TB2
SS53311*9
08/15/85
WATER

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
98 %
08.25.85
0622C
1D0625

1

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - a,a,a-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

mg/l
ug/l
100 %
08.25.85
0622C
1D0625

1

SAMPLE ID	SL LOG NUMBER	SAMPLE DATE	MATRIX	UNITS	H728-HA28 S55334071 08/18/95	H728-HA25 S55334072 08/18/95	H728-HA28 S55334073 08/18/95	H728-HA27 S55334074 08/18/95	H728-HA113 S55334075 08/18/95	H728-HA28 S55334078 08/18/95	H728-HA33 S55334077 08/18/95	H728-HA34 S55334078 08/18/95	H728-HA37 S55334079 08/18/95
Purgeable Aromatics (8020)													
Benzene	ug/kg dw	<5.3	<5.5	<5.4	<5.5	<5.5	<5.4	<5.5	<5.5	<5.2	<5.3	<5.2	<5.2
Toluene	ug/kg dw	<5.3	<5.5	<5.4	<5.5	<5.5	<5.4	<5.5	<5.5	<5.2	<5.3	<5.2	<5.2
Ethylbenzene	ug/kg dw	<5.3	<5.5	<5.4	<5.5	<5.5	<5.4	<5.5	<5.5	<5.2	<5.3	<5.2	<5.2
Total Xylenes	ug/kg dw	111 %	110 %	100 %	107 %	110 %	100 %	107 %	105 %	122 %	107 %	114 %	107 %
Surrogate - a,a,a-Trifluorotoluene													
Dilution factor													
Date Analyzed													
Batch ID													
Clock ID													
Gasoline Range Organics (8015M)													
Hydrocarbons as GRO	mg/kg dw	<0.19	<0.20	<0.19	<0.20	<0.20	<0.19	<0.20	<0.20	<0.19	<0.19	<0.19	<0.18
Surrogate - a,a,a-Trifluorotoluene													
Dilution factor													
Date Analyzed													
Batch ID													
Clock ID													
Diesel Range Organics (8100M)													
Hydrocarbons as DRO	mg/kg dw	<11	<11	<11	<11	<11	<11	<11	<11	<10	<10	<10	<10
Surrogate - 2-Fluorobiphenyl													
Dilution factor													
Date Analyzed													
Batch ID													
Instrument ID													
Polynuclear Aromatics (8100)													
Acenaphthene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Acenaphthylene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Benzo(a)pyrene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Benzo(g,h,i)perylene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Benzo(b,k)fluoranthene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Chrysene + Benzo(a)anthracene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Fluoranthene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Naphthalene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Phenanthrene + Anthracene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350	<340	<340
Pyrene	ug/kg dw	<350	<360	<350	<360	<360	<350	<360	<360	<340	<350</		

SS5334Q.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-TB7
SS5334Q10
08/18/85
WATER

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
84 %

08.28.85
0628C
1B0628

1

Gasoline Range Organics (8015M)

Hydrocarbons as GRC
Surrogate - a,a,a-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

mg/l

107 %

08.28.85
0622C
1D0627

1

S553352.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H710-TB32
S553352*10
08/17/85
WATER

UNITS

Purgeable Aromatics (8020)

Benzene	ug/l	<1.0
Toluene	ug/l	<1.0
Ethylbenzene	ug/l	<1.0
Total Xylenes	ug/l	<1.0
Surrogate - a,a,a-Trifluorotoluene	102 %	1
Dilution factor		
Date Analyzed	07.01.85	
Batch ID	0701A	
Clock ID	1D0701	

Gasoline Range Organics (8015M)

Hydrocarbons as GRO	mg/l	<0.038
Surrogate - a,a,a-Trifluorotoluene	98 %	1
Dilution factor		
Date Analyzed	07.01.85	
Batch ID	0701A	
Clock ID	1D0701	

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H710-HA5 RE
S553352*38
08/17/85
SOIL

H710-HA4 RE
S553352*40
08/17/85
SOIL

H710-HA3 RE
S553352*41
08/17/85
SOIL

H710-HA9 RE
S553352*42
08/17/85
SOIL

H710-H2S RE
S553352*43
08/17/85
SOIL

UNITS

Gasoline Range Organics (8015M)

Hydrocarbons as GRO	mg/kg dw	<0.19	12	<0.21	<0.21
Surrogate - a,a,a-Trifluorotoluene	81 %	1	123 %	102 %	86 %
Dilution factor					
Date Analyzed	07.02.85				
Batch ID	0630B				
Clock ID	2D0701				

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H710-HA1 RE
S553352*45
08/17/85
SOIL

UNITS

Gasoline Range Organics (8015M)

Hydrocarbons as GRO	mg/kg dw	75 %	13
Surrogate - a,a,a-Trifluorotoluene			
Dilution factor			
Date Analyzed	07.02.85		
Batch ID	0630B		
Clock ID	2D0701		

SS53359.WK1

SAMPLE ID	SI LOG NUMBER	H133-HA8	H133-HA12
SAMPLE DATE	SS53359*1	SS53359*2	SS53359*2
MATRIX	08/17/85	08/17/85	08/17/85
	SOIL	SOIL	SOIL
	UNITS		
Purgeable Aromatics (8020)			
Benzene	ug/kg dw	<5.8	<5.8
Toluene	ug/kg dw	<5.8	<5.8
Ethylbenzene	ug/kg dw	<5.8	<5.8
Total Xylenes	ug/kg dw	<5.8	<5.8
Surrogate - a,a,e-Trifluorotoluene	115 %	115 %	118 %
Dilution factor	1	1	1
Date Analyzed	07.01.85	07.01.85	07.01.85
Batch ID	0630C	0628B	0628B
Clock ID	1E0701	1E0701	1E0701
Gasoline Range Organics (8015M)			
Hydrocarbons as GRO	mg/kg dw	<0.20	<0.20
Surrogate - a,a,e-Trifluorotoluene	83 %	83 %	85 %
Dilution factor	1	1	1
Date Analyzed	06.30.85	06.30.85	06.30.85
Batch ID	0630A	0630A	0630A
Clock ID	1D0629	1D0629	1D0629
Petroleum Hydrocarbons			
Total Recoverable Petroleum Hydrocarbons (418)	mg/kg dw	180	150
Dilution factor	1	1	1
Date Analyzed	06.22.85	06.22.85	06.22.85
Initial Volume/Weight	25	25	25
Final Volume (FV1)	100	100	100
Batch ID	0622F	0622F	0622F
Arsenic (7080)			
Arsenic (7080)	mg/kg dw	<1.1	1.3
Initial Volume/Weight	1	1	1
Final Volume (FV1)	100	100	100
Dilution factor	1	1	1
Preparation Date	06.22.85	06.22.85	06.22.85
Date Analyzed	06.28.85	06.28.85	06.28.85
Batch ID	0622A	0622A	0622A
Barium (8010)			
Barium (8010)	mg/kg dw	38	35
Initial Volume/Weight	1	1	1
Final Volume (FV1)	100	100	100
Dilution factor	1	1	1
Preparation Date	06.22.85	06.22.85	06.22.85
Date Analyzed	06.23.85	06.23.85	06.23.85
Batch ID	0622B	0622B	0622B
Cadmium (8010)			
Cadmium (8010)	mg/kg dw	<0.58	<0.58
Initial Volume/Weight	1	1	1
Final Volume (FV1)	100	100	100
Dilution factor	1	1	1
Preparation Date	06.22.85	06.22.85	06.22.85
Date Analyzed	06.23.85	06.23.85	06.23.85
Batch ID	0622B	0622B	0622B

Chromium (6010)
Chromium (6010)
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
5 4.2
1 1
100 100
1 1
06.22.85 06.22.85
06.23.85 06.23.85
0622B 0622B

Silver (6010)

Silver (6010)
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
<1.1 <1.1
1 1
100 100
1 1
06.22.85 06.22.85
06.23.85 06.23.85
0622B 0622B

Selenium (7740)

Selenium (7740)
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
<1.1 <1.1
1 1
100 100
1 1
06.22.85 06.22.85
06.26.85 06.26.85
0622A 0622A

Mercury (7470/7471)

Mercury
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
0.045 0.042
1 1
50 50
1 1
06.26.85 06.26.85
06.26.85 06.26.85
0626R 0626R

Lead (7421)

Lead (7421)
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
170*F23 130*F23
1 1
100 100
1 1
06.22.85 06.22.85
06.23.85 06.23.85
0622B 0622B

Percent Solids (160.3)

Percent Solids (160.3)

% 80 80

Diesel Range Organics (8100M)

Hydrocarbons as DRO				
Surrogate - 2-Fluorobiphenyl				
Dilution factor	37	82 %	1	50
Date Extracted	08.21.95			
Date Analyzed	07.15.95			08.21.95
Batch ID	08210			07.17.95
Instrument ID	SGC8			08210
				SGC8
Polynuclear Aromatics (8100)				
Acenaphthene	ug/kg dw	<370		<370
Acenaphthylene	ug/kg dw	<370		<370
Benzo(a)pyrene	ug/kg dw	<370		<370
Benzo(g,h,i)perylene	ug/kg dw	<370		<370
Benzo(b,k)fluoranthene	ug/kg dw	<370		<370
Chrysene + Benzo(a)anthracene	ug/kg dw	<370		<370
Fluoranthene	ug/kg dw	<370		<370
Fluorene	ug/kg dw	<370		<370
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	ug/kg dw	<370		<370
Naphthalene	ug/kg dw	<370		<370
Phenanthrene + Anthracene	ug/kg dw	<370		<370
Pyrene	ug/kg dw	<370		<370
1-Methylnaphthalene	ug/kg dw	<370		<370
2-Methylnaphthalene	ug/kg dw	<370		<370
Surrogate - 2-Fluorobiphenyl	ug/kg dw	82 %	1	88 %
Dilution factor	37	82 %	1	50
Date Extracted	08.21.95			08.21.95
Date Analyzed	07.08.95			07.10.95
Batch ID	082100SG			082100SG
Instrument ID	SGC8			SGC8

S553358.WK1

SAMPLE ID	SAMPLE NUMBER	SAMPLE DATE	MATRIX	UNITS	H728-HA44	H728-HA45	H728-HA46	H728-HA47
					S553359*20	S553359*21	S553359*22	S553359*23
					06/18/95	06/18/95	06/18/95	06/18/95
					SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)								
Benzene				ug/kg dw	<8.3	<8.9	<8.4	<5.8
Toluene				ug/kg dw	<8.3	<8.9	<8.4	<5.8
Ethylbenzene				ug/kg dw	<8.3	<8.9	<8.4	<5.8
Total Xylenes				ug/kg dw	<8.3	<8.9	<8.4	<5.8
Surrogate - a,a,a-Trifluorobluene					116 %	117 %	149 % *F54	174 % *F54
Dilution factor					1	1	1	1
Date Analyzed					07.02.95	07.02.95	07.02.95	07.02.95
Batch ID					0630C	0630C	0630C	0630C
Clock ID					1E0702	1E0702	1E0702	1E0702
Gasoline Range Organics (8015M)								
Hydrocarbons as GRO				mg/kg dw	<0.23	<0.25	<0.23	<0.21
Surrogate - a,a,a-Trifluorobluene					75 %	41 %	80 %	51 %
Dilution factor					1	1	1	1
Date Analyzed					06.29.95	06.29.95	06.29.95	06.29.95
Batch ID					0630A	0630A	0630A	0630A
Clock ID					1D0628	1D0628	1D0628	1D0628
Percent Solids (160.3)				%	79	72	78	86
Percent Solids (160.3)								
Diesel Range Organics (8100M)								
Hydrocarbons as DRO				mg/kg dw	18	<14	18	<12
Surrogate - 2-Fluorobiphenyl					68 %	68 %	57 %	81 %
Dilution factor					1	1	1	1
Date Extracted					06.22.95	06.22.95	06.22.95	06.22.95
Date Analyzed					07.13.95	07.13.95	07.13.95	07.13.95
Batch ID					0622R	0622R	0622R	0622R
Instrument ID					SGC8	SGC8	SGC8	SGC8
Polynuclear Aromatics (8100)								
Acenaphthene				ug/kg dw	<420	<460	<420	<380
Acenaphthylene				ug/kg dw	<420	<460	<420	<380
Benzo(a)pyrene				ug/kg dw	<420	<460	<420	<380
Benzo(g,h,i)perylene				ug/kg dw	<420	<460	<420	<380
Benzo(b,k)fluoranthene				ug/kg dw	<420	<460	<420	<380
Chrysene + Benzo(a)anthracene				ug/kg dw	<420	<460	<420	<380
Fluoranthene				ug/kg dw	<420	<460	<420	<380
Fluorene				ug/kg dw	<420	<460	<420	<380
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene				ug/kg dw	<420	<460	<420	<380
Naphthalene				ug/kg dw	<420	<460	<420	<380
Phenanthrene + Anthracene				ug/kg dw	<420	<460	<420	<380
Pyrene				ug/kg dw	<420	<460	<420	<380
1-Methylnaphthalene				ug/kg dw	<420	<460	<420	<380
2-Methylnaphthalene				ug/kg dw	<420	<460	<420	<380
Surrogate - 2-Fluorobiphenyl					88 %	88 %	57 %	81 %
Dilution factor					1	1	1	1
Date Extracted					06.22.95	06.22.95	06.22.95	06.22.95
Date Analyzed					07.08.95	07.08.95	07.08.95	07.08.95
Batch ID					0622RQSG	0622RQSG	0622RQSG	0622RQSG
Instrument ID					SGC8	SGC8	SGC8	SGC8

S553359.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - a,a,a-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

H133-TB8
S553359724
09/17/85
WATER

UNITS

ug/l
ug/l
ug/l
ug/l
100 %
07.01.85
0701A
1D0701

mg/l
105 %
07.01.85
0701A
1D0701

H728-HA48 RE
S553359774
08/18/85
SOIL

UNITS

ug/kg dw
ug/kg dw
ug/kg dw
ug/kg dw
119 %
07.08.85
0630C
1E0705

H728-TB8
S553359725
08/18/85
WATER

<1.0
<1.0
<1.0
<1.0
101 %
07.01.85
0701A
1D0701

<0.038
98 %
07.01.85
0701A
1D0701

H728-HA47 RE
S553359774
08/18/85
SOIL

<8.4
<8.4
<8.4
<8.4
158 %
07.08.85
0630C
1E0705

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

UNITS												
Purgeable Aromatics (8020)												
Benzene	ug/kg dw	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8
Toluene	ug/kg dw	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8
Ethylbenzene	ug/kg dw	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8	<8.0	<5.8
Total Xylenes	ug/kg dw	116 %	108 %	107 %	107 %	107 %	107 %	104 %	104 %	104 %	104 %	108 %
Surrogate - a,a,a-Trifluorobluene												
Dilution factor		1	1	1	1	1	1	1	1	1	1	1
Date Analyzed		06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95
Batch ID		0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B
Clock ID		2E0630	2E0630	2E0630	2E0630	2E0630	2E0630	2E0630	2E0630	2E0630	2E0630	1E0701
Gasoline Range Organics (8015M)												
Hydrocarbons as GRO	mg/kg dw	<0.20	<0.22	79 %	87 %	<0.21	<0.21	89 %	52 %	<0.21	<0.22	<0.20
Surrogate - a,a,a-Trifluorobluene		1	1	1	1	1	1	1	1	1	1	1
Dilution factor		06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95
Date Analyzed		0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A
Batch ID		1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629
Clock ID												
Percent Solids (180.3)												
Percent Solids (160.3)	%	89	83	84	86	88	82	91				
Diesel Range Organics (8100M)												
Hydrocarbons as DRO	mg/kg dw	<11	70 %	74 %	74 %	<12	<12	<12	<12	<12	<12	<11
Surrogate - 2-Fluorobiphenyl		1	1	1	1	1	1	1	1	1	1	1
Dilution factor		06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95
Date Extracted		07.13.95	07.14.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.14.95	07.14.95
Date Analyzed		0621O	0621O	0621O	0621O	0621O	0621O	0621O	0621O	0621O	0621O	0621O
Batch ID		SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8
Instrument ID												
Polynuclear Aromatics (8100)												
Acenaphthene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Acenaphthylene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Benzo(a)pyrene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Benzo(b,h,i)perylene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Benzo(b,k)fluoranthene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Chrysene + Benzo(a)anthracene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Fluoranthene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Fluorene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Naphthalene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Phenanthrene + Anthracene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Pyrene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
1-Methylnaphthalene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
2-Methylnaphthalene	ug/kg dw	<370	<400	<390	<390	<390	<390	<390	<390	<390	<400	<390
Surrogate - 2-Fluorobiphenyl		1	1	1	1	1	1	1	1	1	1	1
Dilution factor		06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95
Date Extracted		07.06.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95
Date Analyzed		0621OCSG	0621OCSG	0621OCSG	0621OCSG	0621OCSG	0621OCSG	0621OCSG	0621OCSG	0621OCSG	0621OCSG	0621OCSG
Batch ID		SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8
Instrument ID												

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

UNITS		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)														
Benzene	ug/kg dw	<5.7	<8.2	<5.6	<8.1	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.2
Toluene	ug/kg dw	<5.7	<8.2	<5.6	<8.1	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.2
Ethylbenzene	ug/kg dw	<5.7	<8.2	<5.6	<8.1	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.2
Total Xylenes	ug/kg dw	<5.7	<8.2	<5.6	<8.1	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.2
Surrogate - n,a,a-Trimethylfluorene		117 %	104 %	123 %	103 %	106 %	106 %	106 %	106 %	106 %	106 %	106 %	106 %	<8.2
Dilution factor		1	1	1	1	1	1	1	1	1	1	1	1	111 %
Date Analyzed		07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.01.95	07.02.95
Batch ID		0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0628B	0630C
Clock ID		1E0701	1E0701	1E0701	1E0701	1E0701	1E0701	1E0701	1E0701	1E0701	1E0701	1E0701	1E0701	1E0702
Gasoline Range Organics (8015M)														
Hydrocarbons as GRO	mg/kg dw	<0.21	<0.22	<0.20	<0.20	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.22
Surrogate - n,a,a-Trimethylfluorene		73 %	81 %	57 %	106 %	106 %	106 %	106 %	106 %	106 %	106 %	106 %	106 %	59 %
Dilution factor		1	1	1	1	1	1	1	1	1	1	1	1	1
Date Analyzed		06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.30.95	06.29.95
Batch ID		0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A	0630A
Clock ID		1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629	1D0629
Percent Solids (160.3)														
Percent Solids (160.3)	%	87	80	80	80	82	84	83	58	82	82	80	80	80
Diesel Range Organics (8100M)														
Hydrocarbons as DRO	mg/kg dw	<11	<12	<11	<11	<12	<12	<12	<12	<12	<12	<12	<12	<12
Surrogate - 2-Fluorobiphenyl		72 %	75 %	58 %	72 %	80 %	80 %	80 %	80 %	80 %	80 %	80 %	80 %	81 %
Dilution factor		1	1	1	1	1	1	1	1	1	1	1	1	1
Date Extracted		06.21.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95
Date Analyzed		07.13.95	07.13.95	07.14.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95	07.14.95
Batch ID		06210	0622R	0622R	0622R	0622R	0622R	0622R	0622R	0622R	0622R	0622R	0622R	0622R
Instrument ID		SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8
Polynuclear Aromatics (8100)														
Acenaphthene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Acenaphthylene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Benzo(a)pyrene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Benzo(g,h,i)perylene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Benzo(b,k)fluoranthene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Chrysene + Benzo(a)anthracene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Fluoranthene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Fluorene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Indeno(1,2,3-cd)pyrene+Benzo(a,h)anthracene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Naphthalene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Phenanthrene + Anthracene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Pyrene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
1-Methylnaphthalene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
2-Methylnaphthalene	ug/kg dw	<380	<410	<370	<370	<390	<390	<390	<390	<390	<390	<390	<390	<410
Surrogate - 2-Fluorobiphenyl		72 %	75 %	58 %	72 %	80 %	80 %	80 %	80 %	80 %	80 %	80 %	80 %	81 %
Dilution factor		1	1	1	1	1	1	1	1	1	1	1	1	1
Date Extracted		06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95	06.22.95
Date Analyzed		07.10.95	07.08.95	07.10.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95
Batch ID		0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG	0622RQSG
Instrument ID		SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8	SGC8

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

UNITS	SOIL	SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)					
Benzene	up/kg dw	<5.6	<5.4	<5.2	<8.0
Toluene	up/kg dw	<5.6	<5.4	<5.2	<8.0
Ethylbenzene	up/kg dw	<5.6	<5.4	<5.2	<8.0
Total Xylenes	up/kg dw	<5.6	<5.4	<5.2	<8.0
Surrogate - <i>p,p'</i> -Trifluorotoluene	100 %	100 %	100 %	102 %	98 %
Dilution factor	1	1	1	1	1
Date Analyzed	07/02/95	07/02/95	07/02/95	07/02/95	07/02/95
Batch ID	0702C	0702C	0702C	0702C	0702C
Click ID	1A0702	1A0702	1A0702	1A0702	1A0702
Gasoline Range Organics (8015M)					
Hydrocarbons as GRO	mg/kg dw	<0.20	<0.20	0.88	0.85
Surrogate - <i>p,p,p'</i> -Trifluorotoluene	83 %	83 %	82 %	100 %	118 %
Dilution factor	1	1	1	1	1
Date Analyzed	07/03/95	07/02/95	07/02/95	07/02/95	07/02/95
Batch ID	0702A	0702A	0702A	0702A	0702A
Click ID	1D0702	1D0702	2D0701	2D0701	2D0701
Diesel Range Organics (8100M)					
Hydrocarbons as DRO	mg/kg dw	<11	<11	<11	<12
Surrogate - 2-Fluorobiphenyl	78 %	78 %	63 %	59 %	63 %
Dilution factor	1	1	1	1	1
Date Extracted	08/22/95	08/22/95	08/22/95	08/22/95	08/22/95
Date Analyzed	07/14/95	07/14/95	07/14/95	07/14/95	07/14/95
Batch ID	0622R	0622R	0622R	0622R	0622R
Instrument ID	SGC9	SGC9	SGC9	SGC9	SGC9
Polynuclear Aromatics (8100)					
Acenaphthene	up/kg dw	<370	<380	<350	<400
Acenaphthylene	up/kg dw	<370	<380	<350	<400
Benzo(a)pyrene	up/kg dw	<370	<380	<350	<400
Benzo(g,h,i)perylene	up/kg dw	<370	<380	<350	<400
Benzo(b,k)fluoranthene	up/kg dw	<370	<380	<350	<400
Chrysene + Benzo(a)anthracene	up/kg dw	<370	<380	<350	<400
Fluoranthene	up/kg dw	<370	<380	<350	<400
Fluorene	up/kg dw	<370	<380	<350	<400
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	up/kg dw	<370	<380	<350	<400
Naphthalene	up/kg dw	<370	<380	<350	<400
Phenanthrene + Anthracene	up/kg dw	<370	<380	<350	<400
Pyrene	up/kg dw	<370	<380	<350	<400
1-Methylnaphthalene	up/kg dw	<370	<380	<350	<400
2-Methylnaphthalene	up/kg dw	<370	<380	<350	<400
Surrogate - 2-Fluorobiphenyl	78 %	78 %	63 %	54 %	63 %
Dilution factor	1	1	1	1	1
Date Extracted	08/22/95	08/22/95	08/22/95	08/22/95	08/22/95
Date Analyzed	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95
Batch ID	0622R	0622R	0622R	0622R	0622R
Instrument ID	SGC9	SGC9	SGC9	SGC9	SGC9
Percent Solids (160.3)	%	90	92	93	83
Percent Solids (160.3)					

SAMPLE ID	SAMPLE DATE	SAMPLE MATRIX	UNITS	H728-HA50 S553364*8 06/18/95 SOIL	H728-HA51 S553364*7 06/18/95 SOIL	H728-HA115 S553364*6 06/18/95 SOIL	H728-HA52 S553364*9 06/18/95 SOIL	H728-HA53 S553364*10 06/18/95 SOIL	H728-HA54 S553364*11 06/18/95 SOIL	H728-HA55 S553364*12 06/18/95 SOIL	H728-HA56 S553364*13 06/18/95 SOIL	H728-HA57 S553364*14 06/18/95 SOIL	H728-HA58 S553364*15 06/18/95 SOIL
Purgeable Aromatics (8020)													
Benzene			ug/kg dw	<5.4	<5.2	<5.2	<8.0	<5.8	<5.3	<5.4	<8.1	<5.5	<5.4
Toluene			ug/kg dw	<5.4	<5.2	<5.2	<8.0	<5.8	<5.3	<5.4	<8.1	<5.5	<5.4
Ethylbenzene			ug/kg dw	<5.4	<5.2	<5.2	<8.0	<5.8	<5.3	<5.4	<8.1	<5.5	<5.4
Total Xylenes			ug/kg dw	<5.4	<5.2	<5.2	<8.0	<5.8	<5.3	<5.4	<8.1	<5.5	<5.4
Surrogate - a,a,a-Trifluorobluene			ug/kg dw	88 %	100 %	100 %	97 %	98 %	98 %	98 %	98 %	101 %	98 %
Dilution factor				1	1	1	1	1	1	1	1	1	1
Date Analyzed				07.02.95	07.02.95	07.02.95	07.03.95	07.03.95	07.03.95	07.03.95	07.03.95	07.03.95	07.03.95
Batch ID				0702C	0702C	0702C	0702C	0702C	0702C	0702C	0702C	0702C	0702C
Clock ID				1A0702	1A0702	1A0702	1A0702	1A0702	1A0703	1A0703	1A0703	1A0703	1A0703
Gasoline Range Organics (8015M)													
Hydrocarbons as GRO			mg/kg dw	0.48	0.84	0.46	0.57	0.61	0.32	0.43	0.58	<0.20	0.39
Surrogate - a,a,a-Trifluorobluene				113 %	94 %	112 %	114 %	91 %	104 %	102 %	110 %	101 %	96 %
Dilution factor				1	1	1	1	1	1	1	1	1	1
Date Analyzed				07.02.95	07.02.95	07.02.95	07.02.95	07.02.95	07.02.95	07.02.95	07.02.95	07.02.95	07.02.95
Batch ID				0702A	0702A	0702A	0702A	0702A	0702A	0702A	0702A	0702A	0702A
Clock ID				2D0701	2D0701	2D0701	2D0701	2D0701	2D0701	2D0701	2D0701	1D0702	1D0702
Diesel Range Organics (8100M)													
Hydrocarbons as DRO			mg/kg dw	<11	<10	<10	<12	<11	<11	<11	<12	<11	<11
Surrogate - 2-Fluorobiphenyl				73 %	73 %	82 %	63 %	70 %	54 %	71 %	63 %	70 %	56 %
Dilution factor				1	1	1	1	1	1	1	1	1	1
Date Extracted				06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95
Date Analyzed				07.14.95	07.14.95	07.14.95	07.14.95	07.14.95	07.13.95	07.13.95	07.13.95	07.13.95	07.13.95
Batch ID				0621S	0621S	0621S	0621S	0621S	0621S	0621S	0621S	0621S	0621S
Instrument ID				SGC9	SGC8	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9
Polynuclear Aromatics (8100)													
Acenaphthene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Acenaphthylene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Benzo(a)pyrene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Benzo(g,h,i)perylene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Benzo(b,k)fluoranthene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Chrysene + Benzo(a)anthracene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Fluoranthene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Fluorene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Naphthalene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Phenanthrene + Anthracene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Pyrene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
1-Methylnaphthalene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
2-Methylnaphthalene			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Surrogate - 2-Fluorobiphenyl			ug/kg dw	<360	<340	<340	<400	<370	<350	<350	<400	<360	<350
Dilution factor				73 %	75 %	82 %	63 %	70 %	54 %	71 %	63 %	70 %	56 %
Date Extracted				06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95	06.21.95
Date Analyzed				07.07.95	07.08.95	07.08.95	07.07.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95	07.08.95
Batch ID				0621S	0621S	0621S	0621S	0621S	0621S	0621S	0621S	0621S	0621S
Instrument ID				SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9
Percent Solids (160.3)													
Percent Solids (160.3)			%	92	96	96	83	80	94	93	82	91	93

SS53384.WK1

SAMPLE ID
SI LOG NUMBER
SAMPLE DATE
MATRIX

HT28-TB9
SS53384-16
08/18/85
WATER

UNITS

Purgeable Aromatics (8020)

Benzene

Toluene

Ethylbenzene

Total Xylenes

Surrogate - *p,p'*-Trifluorotoluene

Dilution factor

Date Analyzed

Batch ID

Check ID

ug/l

ug/l

ug/l

ug/l

102 %

07.01.95

0701A

1D0701

Gasoline Range Organics (8015M)

Hydrocarbons as GRO

Surrogate - *p,p'*-Trifluorotoluene

Dilution factor

Date Analyzed

Batch ID

Check ID

mg/l

<0.056

105 %

07.01.95

0701A

1D0701

SS53365.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - a,a,a-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

Diesel Range Organics (8100M)

Hydrocarbons as DRO
Surrogate - 2-Fluorobiphenyl
Dilution factor
Date Extracted
Date Analyzed
Batch ID
Instrument ID

Polynuclear Aromatics (8100)

Acenaphthene
Acenaphthylene
Benzo(a)pyrene
Benzo(b,h,i)perylene
Benzo(k)fluoranthene
Chrysene + Benzo(e)anthracene
Fluoranthene
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene
Naphthalene
Phenanthrene + Anthracene
Pyrene
1-Methylnaphthalene
2-Methylnaphthalene
Surrogate - 2-Fluorobiphenyl
Dilution factor
Date Extracted
Date Analyzed
Batch ID
Instrument ID

Percent Solids (160.3)
Percent Solids (160.3)

H728-HA89
SS53365-10
08/20/85
SOIL

<8.4
<8.4
<8.4
<8.4
98 %
07.04.95
0703A
2A0703

0.32
93 %
07.03.95
0702B
1D0702

<13
52 %
08.22.95
07.27.95
QSG0622S
SGC8

<420
<420
<420
<420
<420
<420
<420
<420
<420
<420
<420
<420
<420
52 %
08.22.95
06.22.95
0622S
SGC9

78

92

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

UNITS	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)										
Benzene	up/kg dw	<5.8	<5.4	<5.3	<5.2	<5.8	<5.3	<5.5	<5.5	<5.5
Toluene	up/kg dw	<5.8	<5.4	<5.3	<5.2	<5.8	<5.3	<5.5	<5.5	<5.5
Ethylbenzene	up/kg dw	<5.8	<5.4	<5.3	<5.2	<5.8	<5.3	<5.5	<5.5	<5.5
Total Xylenes	up/kg dw	<5.8	<5.4	<5.3	<5.2	<5.8	<5.3	<5.5	<5.5	<5.5
Sumogate - a,a,a-Trifluorotoluene		99 %	104 %	100 %	113 %	100 %	102 %	102 %	103 %	103 %
Dilution factor		1	1	1	1	1	1	1	1	1
Date Analyzed		07.03.95	07.03.95	07.03.95	07.03.95	07.03.95	07.04.95	07.04.95	07.04.95	07.04.95
Batch ID		0703A	0703A	0703A	0703A	0703A	0703A	0703A	0703A	0703A
Clock ID		1A0703	1A0703	1A0703	1A0703	2A0703	2A0703	2A0703	2A0703	2A0703
Gasoline Range Organics (8015M)										
Hydrocarbons as GRO	mg/kg dw	0.47	0.56	<0.19	0.84	118 %	108 %	2.2	0.35	0.27
Sumogate - a,a,a-Trifluorotoluene		122 %	102 %	111 %	83 %	1	1	1	1	1
Dilution factor		1	1	1	1	1	1	1	1	1
Date Analyzed		07.03.95	07.03.95	07.03.95	07.03.95	07.03.95	07.03.95	07.03.95	07.03.95	07.03.95
Batch ID		0702B	0702B	0702B	0702B	0702B	0702B	0702B	0702B	0702B
Clock ID		1D0702	1D0702	1D0702	1D0702	1D0702	1D0702	1D0702	1D0702	1D0702
Diesel Range Organics (8100M)										
Hydrocarbons as DRO	mg/kg dw	<12	<11	<11	<10	<11	<11	<11	<11	<11
Sumogate - 2-Fluorobiphenyl		42 %	67 %	56 %	53 %	54 %	79 %	58 %	63 %	63 %
Dilution factor		1	1	1	1	1	1	1	1	1
Date Extracted		08.21.95	08.21.95	08.21.95	08.21.95	08.21.95	08.21.95	08.21.95	08.21.95	08.21.95
Date Analyzed		07.15.95	07.15.95	07.14.95	07.14.95	07.14.95	07.20.95	07.20.95	07.20.95	07.14.95
Batch ID		0821S	0821S	0821S	0821S	0821S	0821S	0821S	0821S	0821S
Instrument ID		SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9
Polynuclear Aromatics (8100)										
Acenaphthene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Acenaphthylene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Benzo(a)pyrene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Benzo(g,h,i)perylene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Benzo(k)fluoranthene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Chrysene + Benzo(a)anthracene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Fluoranthene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Fluorene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Naphthalene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Phenanthrene + Anthracene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380
Pyrene	up/kg dw	<380	<370	<350	<340	<370	<350	<350	<380	<380</

[illegible]**Mercury (74707471)**

SS53385.WK1

Mercury
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw	<0.011	<0.012	<0.011	<0.011	<0.011	<0.011	<0.011	0.052	<0.012
	1	1	1	1	1	1	1	1	1
	50	50	50	50	50	50	50	50	50
	1	1	1	1	1	1	1	1	1
	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95
	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95	06.28.95
	0628R	0628R	0628R	0628R	0628R	0628R	0628R	0628R	0628R

Lead (7421)
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw	6.1	17	28	28	32	9.1	50
	1	1	1	1	1	1	1
	100	100	100	100	100	100	100
	1	5	5	10	10	5	10
	06.28.95	06.28.95	06.28.95	06.28.95	07.03.95	06.28.95	06.28.95
	06.28.95	06.28.95	06.30.95	06.30.95	07.07.95	06.29.95	06.28.95
	0628A	0628A	0628A	0628A	0708C	0628A	0628A

SS53385.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-TB10
SS53385*19
062095
WATER

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - *p,p'*-Trifluorobluene
Dilution factor
Data Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
67 %
07.01.95
0701A
1D0701

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - *p,p'*-Trifluorobluene
Dilution factor
Data Analyzed
Batch ID
Clock ID

mg/l
-0.036
98 %
07.01.95
0701A
1D0701

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-HA122 (DL)
SS53385*78
SOIL

UNITS

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - *p,p'*-Trifluorobluene
Dilution factor
Data Analyzed
Batch ID
Clock ID

mg/kg dw
64000*F39
*F33
20000
07.05.95
0704A
1D0704

SAMPLE ID	SL LOG NUMBER	SAMPLE DATE	UNITS	HT28-HA72	HT28-HA73	HT28-HA71	HT28-HA17	HT28-HA70	HT28-HA69	HT28-HA74	HT28-HA76	HT28-HA75	HT28-HA77
MATRIX				S5534171	S5534172	S5534173	S5534174	S5534175	S5534176	S5534177	S5534178	S5534179	S5534175
	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85	08/21/85
	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)													
Benzene	<5.6	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.6	<5.3	<5.3	<5.7	<5.2	<5.6
Toluene	<5.6	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.6	<5.3	<5.3	<5.7	<5.2	<5.6
Ethylbenzene	<5.6	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.6	<5.3	<5.3	<5.7	<5.2	<5.6
Total Xylenes	<5.6	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.6	<5.3	<5.3	<5.7	<5.2	<5.6
Surrogate - a,a,a-Trifluorobenzene	93	98	103	103	98	103	102	102	101	98	101	100	111
Dilution factor													
Date Analyzed	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85	07/04/85
Batch ID	0703B	0703B	0703B	0703B	0703B	0703B	0703B	0703B	0703B	0703B	0703B	0703B	0703B
Check ID	1E0704	1E0704	2E0704	2E0704	2E0704	2E0704	2E0704	2E0704	2E0704	2E0704	2E0704	2E0704	2E0704
Gasoline Range Organics (8015M)													
Hydrocarbons as GRO	<0.20	<0.19	<0.19	<0.19	<0.20	<0.19	<0.20	<0.20	<0.19	<0.19	<0.21	<0.18	<0.20
Surrogate - a,a,a-Trifluorobenzene	111	102	97	103	82	94	82	82	84	98	103	105	84
Dilution factor													
Date Analyzed	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85	07/05/85
Batch ID	0705A	0705A	0705A	0705A	0705A	0705A	0705A	0705A	0705A	0705A	0705A	0705A	0705A
Check ID	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705
Diesel Range Organics (8100M)													
Hydrocarbons as DRO	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<12	<10	<1700
Surrogate - 2-Fluorobiphenyl	81	73	84	73	83	88	83	83	88	74	80	91	F33
Dilution factor													
Date Extracted	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85	08/23/85
Date Analyzed	07/28/85	07/28/85	07/27/85	07/26/85	07/26/85	07/27/85	07/26/85	07/26/85	07/27/85	07/26/85	07/26/85	07/26/85	07/27/85
Batch ID	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S	QSG0622S
Instrument ID	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9	SGC9
Polynuclear Aromatics (8100)													
Acenaphthene	<360	<350	<350	<350	<370	<350	<370	<370	<350	<350	<380	<340	<11000
Acenaphthylene	<												

SS53417.WK1

SAMPLE ID	SLUG NUMBER	DATE	MATRIX	UNITS	H728-HA78 SS53417-11 08/21/85 SOIL	H728-HA79 SS53417-12 08/21/85 SOIL	H728-HA118 SS53417-13 08/21/85 SOIL	H728-HA80 SS53417-14 08/21/85 SOIL	H728-HA81 SS53417-15 08/21/85 SOIL	H728-HA82 SS53417-16 08/21/85 SOIL
						86				
Purgeable Aromatics (8020)										
Benzene				ug/kg dw	<5.7	<5.6	<5.7	<5.8	<8.0	<5.8
Toluene				ug/kg dw	<5.7	<5.8	<5.7	<5.8	<8.0	<5.8
Ethylbenzene				ug/kg dw	<5.7	<5.8	<5.7	<5.8	<8.0	<5.8
Total Xylenes				ug/kg dw	<5.7	<5.8	<5.7	<5.8	<8.0	<5.8
Sumogate - a,a,a-Trifluorobenzene					130 %	111 %	112 %	108 %	102 %	102 %
Dilution factor					1	1	1	1	1	1
Date Analyzed					07.05.95	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95
Batch ID					0703B	0703B	0703B	0703B	0703B	0703B
Check ID					250704	1E0705	1E0705	1E0705	1E0705	1E0705
Gasoline Range Organics (8015M)										
Hydrocarbons as GRO				mg/kg dw	<0.21	<0.20	<0.20	<0.21	<0.22	<0.21
Sumogate - a,a,a-Trifluorobenzene					88 %	88 %	85 %	101 %	81 %	112 %
Dilution factor					1	1	1	1	1	1
Date Analyzed					07.05.95	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95
Batch ID					0705A	0705A	0705A	0705A	0705A	0705A
Check ID					1D0705	1D0705	1D0705	1D0705	1D0705	1D0705
Percent Solids (160.3)				%	87	89	86	88	83	89
Percent Solids (160.3)										
Diesel Range Organics (8100M)										
Hydrocarbons as DRO				mg/kg dw	<11	13	15	<12	<12	<12
Sumogate - 2-Fluorobiphenyl					89 %	80 %	88 %	86 %	59 %	78 %
Dilution factor					1	1	1	1	1	1
Date Extracted					06.23.95	06.23.95	06.23.95	06.23.95	06.23.95	06.23.95
Date Analyzed					07.22.95	07.22.95	07.22.95	07.22.95	07.22.95	07.22.95
Batch ID					0823T	0823T	0823T	0823T	0823T	0823T
Instrument ID					FID4	FID4	FID4	FID4	FID4	FID4
Polynuclear Aromatics (8100)										
Acenaphthene				ug/kg dw	<380	<370	<380	<380	<400	<380
Acenaphthylene				ug/kg dw	<380	<370	<380	<380	<400	<380
Benzo(a)pyrene				ug/kg dw	<380	<370	<380	<380	<400	<380
Benzo(g,h,i)perylene				ug/kg dw	<380	<370	<380	<380	<400	<380
Benzo(b)fluoranthene				ug/kg dw	420	620X	820	<380	<400	<380
Chrysene + Benzo(e)anthracene				ug/kg dw	<380	<370	<380	<380	<400	<380
Fluoranthene				ug/kg dw	<380	<370	<380	<380	<400	<380
Fluorene				ug/kg dw	<380	<370	<380	<380	<400	<380
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene				ug/kg dw	<380	<370	<380	<380	<400	<380
Naphthalene				ug/kg dw	<380	<370	<380	<380	<400	<380
Phenanthrene + Anthracene				ug/kg dw	<380	<370	<380	<380	<400	<380
Pyrene				ug/kg dw	<380	<370	<380	<380	<400	<380
1-Methylnaphthalene				ug/kg dw	<380	<370	<380	<380	<400	<380
2-Methylnaphthalene				ug/kg dw	<380	<370	<380	<380	<400	<380
Sumogate - 2-Fluorobiphenyl					87 %	74 %	43 %	61 %	43 %	88 %
Dilution factor					1	1	1	1	1	1
Date Extracted					06.23.95	06.23.95	06.23.95	06.23.95	06.23.95	06.23.95
Date Analyzed					07.22.95	07.22.95	07.22.95	07.22.95	07.22.95	07.22.95
Batch ID					0823T	0823T	0823T	0823T	0823T	0823T
Instrument ID					FID4	FID4	FID4	FID4	FID4	FID4

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-TB11
S553417017
06/21/85
WATER

Summary

Purgeable Aromatics (8020)

Parameter	Unit	Value
Benzene	ug/l	<1.0
Toluene	ug/l	<1.0
Ethylbenzene	ug/l	<1.0
Total Xylenes	ug/l	<1.0
Sum of 4 - m, p, o, p - Trifluorobenzene	ug/l	<1.0
Surrogate - m, p, o, p - Trifluorobenzene	%	93
Dilution factor		07.01.88
Date Analyzed		0701A
Batch ID		100704
Check ID		

Gasoline Range Organics (8015M)

	mg/l	1
Hydrocarbons as GRO	<0.035	
Sunghate - 2,4,6-Trinitrotoluene	101 %	
Dilution factor	07.01.95	
Data Analyzed	0701A	
Batch ID	1D0701	
Block ID		

H728-HA75 (Re-analysed)
S553417*48

7105

UNITS

Polynuclear Aromatics (8100)

Acmaphene	ug/kg dw
Acenaphthylene	ug/kg dw
Benz(a)pyrene	ug/kg dw
Benzofluoranthene	ug/kg dw
Benzofluranthenes	ug/kg dw
Chrysene + Benz(a)anthracene	ug/kg dw
Fluorene	ug/kg dw
Indeno(1,2,3-cd)pyrene+Dibenz(a,h)anthracene	ug/kg dw
Naphtublene	ug/kg dw
Phenanthrene + Anthracene	ug/kg dw
Pyrane	ug/kg dw
1-Methylnaphthalene	ug/kg dw
2-Methylnaphthalene	ug/kg dw

5.1 %*F54

08.23.95

07.24.85

06235
06235

00505
00230

2503

TABLE 1

A-A-0000-0000-0000-0000-0000-0000-0000-0000

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

UNITS	SOL	SOL	SOL	SOL	SOL	SOL	SOL	SOL	SOL	SOL
Purgeable Aromatics (8029)										
Benzene	<8.0	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<6.0
Toluene	<8.0	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<6.0
Ethylbenzene	<8.0	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<6.0
Total Xylenes	<8.0	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<6.0
Surrogate - m,p,a-Trifluorotoluene	108 %	101 %	108 %	113 %	97 %	98 %	98 %	98 %	98 %	<6.0
Dilution factor	1	1	1	1	1	1	1	1	1	1
Date Analyzed	07.05.95	07.05.95	07.05.95	07.05.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95	07.06.95
Batch ID	0705B	0705B	0705B	0705B	0705B	0705B	0705B	0705B	0705B	0705B
Clock ID	1E0705	1E0705	1E0705	1E0705	1E0705	1E0705	1E0705	1E0705	1E0705	1E0705
Gasoline Range Organics (8015M)										
Hydrocarbons as GRO	<0.22	<0.19	<0.19	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Surrogate - m,p,a-Trifluorobutane	83 %	84 %	80 %	79 %	85 %	83 %	83 %	83 %	83 %	<0.20
Dilution factor	1	1	1	1	1	1	1	1	1	1
Date Analyzed	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95	07.05.95
Batch ID	0705C	0705C	0705C	0705C	0705C	0705C	0705C	0705C	0705C	0705C
Clock ID	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705	1D0705
Diesel Range Organics (8100M)										
Hydrocarbons as DRO	<12	<12	<11	<11	<11	<11	<11	<11	<11	<12
Surrogate - 2-Fluorobiphenyl	69 %	51 %	55 %	65 %	87 %	*F33	*F33	*F33	*F33	*F33
Dilution factor	1	1	1	1	1	1	1	1	1	1
Date Extracted	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95
Data Analyzed	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95
Batch ID	0623T	0623T	0623T	0623T	0623T	0623T	0623T	0623T	0623T	0623T
Instrument ID	FID4	FID4	FID4	FID4	FID4	FID4	FID4	FID4	FID4	FID4
Polynuclear Aromatics (8100)										
Acenaphthene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Acenaphthylene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Benzo(a)pyrene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Benzo(g,h,i)perylene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Benzo(b)fluoranthene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Chrysene + Benzo(a)anthracene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Fluorene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Indeno(1,2,3-cd)pyrene+Dibenzo(e,h)anthracene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Naphthalene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Phenanthrene + Anthracene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Pyrene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
1-Methylnaphthalene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
2-Methylnaphthalene	<400	<360	<350	<370	<380	<380	<380	<380	<380	<1100*
Surrogate - 2-Fluorobiphenyl	68 %	78 %	84 %	58 %	86 %	*F33	*F33	*F33	*F33	*F33
Dilution factor	1	1	1	1	1	1	1	1	1	1
Date Extracted	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95	08.23.95
Data Analyzed	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95	07.25.95
Batch ID	0623T	0623T	0623T	0623T	0623T	0623T	0623T	0623T	0623T	0623T
Instrument ID	FID4	FID4	FID4	FID4	FID4	FID4	FID4	FID4	FID4	FID4
Percent Solids (180.3)										
Percent Solids (180.3)										

SS53450.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - *p,p'*-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - *p,p'*-Trifluorobluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

H728-TB12
SS5345079
08/22/85
WATER

UNITS

ug/l
ug/l
ug/l
ug/l
93 %
07.01.95
0701A
1D0701

mg/l
ug/l
103 %
07.01.95
0701A
1D0701

SAMPLE ID	SL LOG NUMBER	SAMPLE DATE	MATRIX	UNITS	H728-HA80 S553556*1 08/27/85	H728-HA91 S553556*2 08/27/85	H728-HA92 S553556*3 08/27/85	H728-HA93 S553556*4 08/27/85	H728-HA94 S553556*5 08/27/85	H728-HA95 S553556*6 08/27/85	H728-HA96 S553556*7 08/27/85	H728-HA97 S553556*8 08/27/85	H728-HA98 S553556*9 08/27/85	H728-HA99 S553556*10 08/27/85
Purgeable Aromatics (80/20)														
Benzene				ug/kg dw	<5.9	<5.3	<5.4	<8.2	<5.9	<8.2	<8.0	<5.9	<5.9	<5.9
Toluene				ug/kg dw	<5.9	<5.3	<5.4	<8.2	<5.9	<8.2	<8.0	<5.9	<5.9	<5.9
Ethylbenzene				ug/kg dw	<5.9	<5.3	<5.4	<8.2	<5.9	<8.2	<8.0	<5.9	<5.9	<5.9
Total Xylenes				ug/kg dw	<5.9	<5.3	<5.4	<8.2	<5.9	<8.2	<8.0	<5.9	<5.9	<5.9
Surrogate - a,a-Trifluorotoluene				119 %	119 %	119 %	101 %	105 %	106 %	110 %	110 %	100 %	113 %	117 %
Dilution Factor					1	1	1	1	1	1	1	1	1	1
Date Analyzed					07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95
Batch ID					0708C	0708C	0708C	0708C	0708C	0708C	0708C	0708C	0708C	0708C
Check ID					2A0708	2A0708	2A0708	2A0708	2A0708	2A0708	2A0708	2A0708	2A0708	2A0708
Gasoline Range Organics (80/15M)														
Hydrocarbons as GRO				mg/kg dw	<0.21	<0.19	0.68	<0.22	<0.21	<0.22	<0.21	<0.21	<0.21	<0.20
Surrogate - a,a-Trifluorotoluene				72 %	72 %	72 %	104 %	103 %	97 %	89 %	88 %	97 %	81 %	89 %
Dilution Factor					1	1	1	1	1	1	1	1	1	1
Date Analyzed					07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95	07/08/95
Batch ID					0707A	0707A	0707A	0707A	0707A	0707A	0707A	0707A	0707A	0707A
Check ID					2D0707	2D0707	2D0707	2D0707	2D0707	2D0707	2D0707	2D0707	2D0707	2D0707
Diesel Range Organics (8100M)														
Hydrocarbons as DRO				mg/kg dw	<12	<11		<12	<12	<12	<12	<12	<12	<12
Surrogate - 2-Fluorobiphenyl				78 %	78 %	69 %	67 %	62 %	70 %	71 %	72 %	72 %	85 %	70 %
Dilution Factor					1	2	1	1	1	1	1	1	1	1
Date Extracted					08/29/95	08/29/95	08/29/95	08/29/95	08/29/95	08/29/95	08/29/95	08/29/95	08/29/95	08/29/95
Date Analyzed					07/24/95	07/23/95	07/25/95	07/25/95	07/15/95	07/15/95	07/25/95	07/15/95	07/25/95	07/20/95
Batch ID					06290	06290	06290	06290	06290	06290	06290	06290	06290	06290
Instrument ID					SGC8	SGC8	SGC8	SGC8	SGC9	SGC9	SGC8	SGC9	SGC8	SGC8
Polynuclear Aromatics (8100)														
Acenaphthene				ug/kg dw	<390	<350	<350	<410	<390	<410	<390	<390	<390	<390
Acenaphthylene				ug/kg dw	<390	<350	<350	<410	<390	<410	<390	<390	<390	<390
Benzo(a)pyrene				ug/kg dw	<390	<350	<350	<410	<390	<410	<390	<390	<390	<390
Benzo(b,h)phenylene				ug/kg dw	<390	<350	<350	<410	<390	<410	<390	<390	<3	

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

SUMMARY

Purgeable Aromatics (BAO201)

	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Benzene				
Toluene				
Ethylbenzene				
Total Xylenes				
Sumograte - s,s,a,a-Tetrafluorobutene				
Dilution factor				
Data Analyzed				
Batch ID				
Clock ID				

Gasolino Range Organics (801540)

mg/kg dw

Diesel Range Organics 18100M

Green Range Organics (0.0001)
 Hydrocarbons as DRO
 Surrogate - 2-Fluorobiphenyl
 Dilution factor
 Date Extracted
 Date Analyzed
 Batch ID
 Instrument ID
 mg/kg dw

Polynuclear Aromatics 18107

Chemical Name	Unit
Acenaphthene	ug/kg dw
Acenaphthylene	ug/kg dw
Benzo(a)pyrene	ug/kg dw
Benzo(b,h,i)perylene	ug/kg dw
Benzo(k)fluoranthene	ug/kg dw
Chrysene + Benzo(e)anthracene	ug/kg dw
Fluoranthene	ug/kg dw
Fluorene	ug/kg dw
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene	ug/kg dw
Naphthalene	ug/kg dw
Phenanthrene + Anthracene	ug/kg dw
Pyrene	ug/kg dw
1-Methylnaphthalene	ug/kg dw
2-Methylnaphthalene	ug/kg dw
Surrogate - 2-Fluorobiphenyl	ug/kg dw
Dilution factor	
Date Extracted	
Date Analyzed	
Batch ID	
Instrument ID	

Percent Solids (160.3)
Percent Solids (160.3)

3

97

3

2

1

SS53558.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-TB13
SS53558-18
08/27/05
WATER

UNITS

Purgeable Aromatics (B202)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - *m,p,p'*-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
111 %
07.07.05
0708A
1D0707

1

Gasoline Range Organics (B015M)

Hydrocarbons as GRO
Surrogate - *m,p,p'*-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

mg/l
-0.036
100 %
07.07.05
0708A
1D0707

1

SAMPLE ID	PX-15	PX-50	PX-6	H133-ERS
SL LOG NUMBER	SS5419511	SS5419512	SS5419513	SS5419514
SAMPLE DATE	07/31/85	07/31/85	07/31/85	07/31/85
MATRIX	WATER	WATER	WATER	WATER
UNITS				
Polynuclear Aromatics (8100)				
Acenaphthene	<10	<10	<10	<10
Acenaphthylene	<10	<10	<10	<10
Benzo(a)pyrene	<10	<10	<10	<10
Benzo(g,h,i)perylene	<10	<10	<10	<10
Benzo(b)fluoranthene	<10	<10	<10	<10
Chrysene + Benzo(j)anthracene	<10	<10	<10	<10
Fluoranthene	<10	<10	<10	<10
Fluorene	<10	<10	<10	<10
Indeno(1,2,3-cd)pyrene + Dibenz(a,h)anthracene	<10	<10	<10	<10
Naphthalene	<10	<10	<10	<10
Phenanthrene + Anthracene	<10	<10	<10	<10
Pyrene	<10	<10	<10	<10
1-Methylnaphthalene	<10	<10	<10	<10
2-Methylnaphthalene	<10	<10	<10	<10
Surrogates - 2-Fluorobiphenyl	71 %	79 %	66 %	79 %
Dilution factor	1	1	1	1
Date Extracted	08.02.85	08.02.85	08.02.85	08.02.85
Date Analyzed	08.07.85	08.07.85	08.07.85	08.07.85
Batch ID	QSG0802R	QSG0802R	QSG0802R	QSG0802R
Instrument ID	SGC3	SGC9	SGC9	SGC9
Purgeable Aromatics (8020)				
Benzene	<1.0	<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	<1.0	<1.0	<1.0	<1.0
Total Xylenes	<1.0	<1.0	<1.0	<1.0
Surrogates - o,p,p'-Trifluorobenzene	98 %	98 %	100 %	101 %
Dilution factor	1	1	1	1
Date Analyzed	08.03.85	08.03.85	08.03.85	08.04.85
Batch ID	0802A	0802A	0802A	0802A
Block ID	1E0803	1E0803	1E0803	1E0803

SS54185.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H133-TB47
SS54185*6

WATER

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
ug/l
98 %
93 %
1
08.04.95
0802A
1E0803

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank
SS54185*7

WATER

UNITS

Polynuclear Aromatics (8100)

Acenaphthene
Acenaphthylene
Benzofluorene
Benzofluorene
Benzofluorene
Chrysene + Benzo(a)anthracene
Fluoranthene
Fluorene
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene
Naphthalene
Phenanthrene + Anthracene
Pyrene
1-Methylnaphthalene
2-Methylnaphthalene
Surrogate - 2-Fluorobiphenyl
Dilution factor
Date Extracted
Date Analyzed
Batch ID
Instrument ID

ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
ug/l
76 %
1
08.02.95
08.07.95
QSG0802R
SGC9

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
100 %
1
08.03.95
0802A
1E0803

SS541B5.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - m,p,p'-Trifluorotoluene
Dilution factor
Date Analyzed
Batch ID
Clock ID

Method Blank
SS541B5-8

WATER

UNITS

ug/l
ug/l
ug/l
ug/l
100 %
1
08.04.95
0802A
1E0804

SAMPLEID
SL LOG NUMBER
SAMPLE DATE
MATRIX

B133 PX-8
S554215A*1
08/01/95
WATER

UNITS

Polynuclear Aromatics (8100)

Acenaphthene	Acenaphthylene	Acenaphthylene + Anthracene (m/z)
Acenaphthylene	Benzo(e)pyrene	
Benzo(a)pyrene	Benzo(g,h,i)perylene	
Benzo(k)fluoranthene	Chrysene + Benzo(e)anthracene	
Fluoranthene	Fluorene	
Indene(1,2,3-cd)pyrene + DiBenzo(a,h)anthracene		
Naphthalene	Phenanthrene + Anthracene	
Pyrene	1-Methylnaphthalene	
2-Methylnaphthalene	Surrogate - 2-Fluorobiphenyl	
Surrogate - 2-Fluorobiphenyl		
Dilution factor		
Date Extracted		
Date Analyzed		
Batch ID		
Instrument ID		

[illegible]

1

08.07.85
08.12.85
0807D
SGC8

Diesel Range Organics (B100M)

Lowest range Organics (610004)
Hydrocarbons as DRQ
Sumogete - OTP
Dilution factor
Date Extracted
Date Analyzed
Batch ID
Instrument ID

<0.30
69 %
08.07.95
08.14.85
0807D
SGC8

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank
S554215A*2

WATER

UNITS

Polynuclear Aromatics (8100)

Acenaphthene
Acenaphthylene
Benzofluorene
Benzo[*a*]pyrene
Benzo[*b*,*k*]perylene
Benzo[*b*]fluoranthene
Chrysene + Benzo[*c*]anthracene
Fluoranthene
Indeno[1,2,3-*c*]pyrene+Dibenz[*a,h*]anthracene
Naphthalene
Phenanthrene + Anthracene
Pyrene
1-Methylnaphthalene
2-Methylnaphthalene
Surrogate - 2-Fluorobiphenyl
Dilution factor
Date Extracted
Date Analyzed
Batch ID
Treatment ID

Diesel Range Organics (B1000M)

Hydrocarbons as DRO	mg/l
Surrogate - OTP	88 %
Dilution factor	08.07.95
Date Extracted	08.13.95
Date Analyzed	0907D
Batch ID	SGC8
Instrument ID	SGC8

SS54386 WK1

SAMPLE ID	SL LOG NUMBER	SAMPLE DATE	MATRIX	UNITS	H133-SB2	H133-SB7
					SS54386T1	SS54386T2
					08/08/95	08/08/95
					SOIL	SOIL
Purgeable Aromatics (8020)						
Benzene			ug/kg dw		<5.8	<5.7
Toluene			ug/kg dw		<5.8	<5.7
Ethylbenzene			ug/kg dw		<5.8	<5.7
Total Xylenes			ug/kg dw		<5.8	<5.7
Surrogate - a,a,a-Trifluorotoluene					108 %	108 %
Dilution factor						
Date Analyzed					08.17.95	08.17.95
Batch ID					0815B	0815B
Check ID					1D0817	1D0817
Gasoline Range Organics (8015M)						
Hydrocarbons as GRO			mg/kg dw		<0.20	<0.20
Surrogate - a,a,a-Trifluorotoluene					108 %	113 %
Dilution factor						
Date Analyzed					08.17.95	08.17.95
Batch ID					0815B	0815B
Polynuclear Aromatics (8100)						
Acenaphthene			ug/kg dw		<390	<420
Acenaphthylene			ug/kg dw		<390	<420
Benzo(a)pyrene			ug/kg dw		<390	<420
Benzo(g,h,i)perylene			ug/kg dw		<390	<420
Benzo(b)fluoranthene			ug/kg dw		<390	<420
Chrysene + Benzo(e)anthracene			ug/kg dw		<390	<420
Fluoranthene			ug/kg dw		<390	<420
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene			ug/kg dw		<390	<420
Naphthalene			ug/kg dw		<390	<420
Phenanthrene + Anthracene			ug/kg dw		<390	<420
Pyrene			ug/kg dw		<390	<420
1-Methylnaphthalene			ug/kg dw		<390	<420
2-Methylnaphthalene			ug/kg dw		<390	<420
Surrogate - 2-Fluorobiphenyl					83 %	87 %
Dilution factor						
Date Analyzed					08.11.95	08.11.95
Batch ID					0817.95	08.18.95
Instrument ID					0811H	0811H
					SCC9	SCC9
Diesel Range Organics (8100M)						
Hydrocarbons as DRO			mg/kg dw		<43	45
Surrogate - OTP					81 %	80 %
Dilution factor						
Date Analyzed					08.11.95	08.11.95
Batch ID					08.20.95	08.20.95
Instrument ID					0811H	0811H
					SCC9	SCC9
Petroleum Hydrocarbons						
Total Recoverable Petroleum Hydrocarbons (418)			mg/kg dw		18	39
Dilution factor					1	1
Date Analyzed					08.14.95	08.14.95
Initial Volume/Weight					25	25
Final Volume (FV1)					100	100
Batch ID					0814F	0814F

SS54088.WK1

Arsenic (7060)

Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

Barium (8010)

Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

Cadmium (8010)

Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

Chromium (8010)

Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

Silver (8010)

Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

Lead (7421)

Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

mg/kg dw
Initial Volume/Weight
Final Volume (FV1)
Dilution factor
Preparation Date
Date Analyzed
Batch ID

SS5468.WK1

Selenium (7740)
 Selectum (7740)
 Initial Volume/Weight
 Final Volume (FV)
 Dilution factor
 Preparation Date
 Date Analyzed
 Batch ID

mg/kg dw
 <1.1
 1
 100
 1
 08.11.95
 08.16.95
 0811B
 <2.3*F85
 1
 100
 2
 08.11.95
 08.16.95
 0811B

Mercury (74707471)
 Mercury
 Initial Volume/Weight
 Final Volume (FV)
 Dilution factor
 Preparation Date
 Date Analyzed
 Batch ID

mg/kg dw
 0.043
 1
 50
 1
 08.10.95
 08.11.95
 0810R
 0.024
 1
 50
 1
 08.10.95
 08.11.95
 0810R

Percent Solids (160.3)
 Percent Solids (160.3)

%
 89
 88

SS54386 WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

HA-8224
SS54386-18
08/07/85
SOIL

UNITS

Purposable Aromatics (8020)

Benzene ug/kg dw
Toluene ug/kg dw
Ethylbenzene ug/kg dw
Total Xylenes ug/kg dw
Surrogate - a,a-Trifluorotoluene 120 %
Dilution factor
Date Analyzed 08.17.85
Batch ID 0815B
Clock ID 1D0817

Polynuclear Aromatics (8100)

Acenaphthene ug/kg dw
Acenaphthylene ug/kg dw
Benzo(e)pyrene ug/kg dw
Benzo(g,h,i)perylene ug/kg dw
Benzo(b,k)fluoranthene ug/kg dw
Chrysene + Benzo(e)anthracene ug/kg dw
Fluoranthene ug/kg dw
Fluorene ug/kg dw
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene ug/kg dw
Naphthalene ug/kg dw
Phenanthrene + Anthracene ug/kg dw
Pyrene ug/kg dw
1-Methylnaphthalene ug/kg dw
2-Methylnaphthalene ug/kg dw
Surrogate - 2-Fluorobiphenyl ug/kg dw
Dilution factor 62 %
Date Extracted 08.11.85
Date Analyzed 08.17.85
Batch ID 0811H
Instrument ID SGC9

Diesel Range Organics (8100M)

Hydrocarbons as DRO mg/kg dw
Surrogate - OTP
Dilution factor 66 %
Date Extracted 08.11.85
Date Analyzed 08.21.85
Batch ID 0811H
Instrument ID SGC9

Percent Solids (180.3)
Percent Solids (180.3)

%

64

SS54366.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H710-TE34
SS54366*20

WATER

UNITS

Purgeable Aromatics (8020)

Benzene

ug/l

Toluene

<1.0

Ethylbenzene

ug/l

Total Xylenes

<1.0

Surrogate - a,a,a-Trifluorobluene

ug/l

Dilution factor

116 %

Date Analyzed

08.12.85

Batch ID

0812A

Clock ID

1D0812

Gasoline Range Organics (8015M)

Hydrocarbons as GRO

mg/l

Surrogate - a,a,a-Trifluorobluene

<0.038

Dilution factor

90 %

Date Analyzed

08.12.85

Batch ID

0812A

Clock ID

1D0812

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank - Liquid
SS54366*21

WATER

UNITS

Purgeable Aromatics (8020)

Benzene

ug/l

Toluene

<1.0

Ethylbenzene

ug/l

Total Xylenes

<1.0

Surrogate - a,a,a-Trifluorobluene

ug/l

Dilution factor

121 %

Date Analyzed

08.12.85

Batch ID

0812A

Clock ID

1D0812

Gasoline Range Organics (8015M)

Hydrocarbons as GRO

ug/l

Surrogate - a,a,a-Trifluorobluene

<0.038

Dilution factor

85 %

Date Analyzed

08.12.85

Batch ID

0812A

Clock ID

1D0812

SS54368.WK1

SAMPLE ID SL LOG NUMBER SAMPLE DATE MATRIX		Method Blank - Soil SS54368*22	
		UNITS	SOIL
Purgeable Aromatics (8020)			
Benzene	ug/kg dw	<5.0	
Toluene	ug/kg dw	<5.0	
Ethylbenzene	ug/kg dw	<5.0	
Total Xylenes	ug/kg dw	<5.0	
Surrogate - a,a,a-Trifluorotoluene		103 %	
Dilution factor			
Date Analyzed			
Batch ID			0816.95
Clock ID			0815B
Gasoline Range Organics (801SM)			1D0816
Hydrocarbons as GRO	mg/kg dw	<0.18	
Surrogate - a,a,a-Trifluorotoluene		107 %	
Dilution factor			
Date Analyzed			
Batch ID			0816.95
Clock ID			0815B
Polynuclear Aromatics (8100)			1D0816
Acenaphthene	ug/kg dw	<330	
Acenaphthylene	ug/kg dw	<330	
Benzo(a)pyrene	ug/kg dw	<330	
Benzo(g,h,i)perylene	ug/kg dw	<330	
Benzo(b)fluoranthene	ug/kg dw	<330	
Chrysene + Benzo(e)anthracene	ug/kg dw	<330	
Fluoranthene	ug/kg dw	<330	
Fluorene	ug/kg dw	<330	
Indeno(1,2,3-cd)pyrene+Dibenz(a,h)anthracene	ug/kg dw	<330	
Naphthalene	ug/kg dw	<330	
Phenanthrene + Anthracene	ug/kg dw	<330	
Pyrene	ug/kg dw	<330	
1-Methylnaphthalene	ug/kg dw	<330	
2-Methylnaphthalene	ug/kg dw	<330	
Surrogate - 2-Fluorobiphenyl	ug/kg dw	<330	
Dilution factor			
Date Extracted			
Date Analyzed			
Batch ID			0811.95
Instrument ID			0816.95
Diesel Range Organics (8100M)			0811H
Hydrocarbons as DRO	mg/kg dw	<10	
Surrogate - OTP		85 %	
Dilution factor			
Date Extracted			
Date Analyzed			
Batch ID			0811.95
Instrument ID			0816.95
Petroleum Hydrocarbons			SCG8
Total Recoverable Petroleum Hydrocarbons (418)	mg/kg dw	<10	
Dilution factor			
Date Analyzed			
Initial Volume/Weight			0814.95
Final Volume (EV1)			25
			100

S554360.WK1

Batch ID	0814F	
Arsenic (7060)		
Initial Volume/Weight	<1.0	1
Final Volume (FV1)		100
Dilution factor		1
Preparation Date	08.11.95	
Date Analyzed	08.16.95	
Batch ID	0811B	
Barium (8010)		
Initial Volume/Weight	<1.0	1
Final Volume (FV1)		100
Dilution factor		1
Preparation Date	08.11.95	
Date Analyzed	08.14.95	
Batch ID	0811A	
Cadmium (8010)		
Initial Volume/Weight	<0.50	1
Final Volume (FV1)		100
Dilution factor		1
Preparation Date	08.11.95	
Date Analyzed	08.14.95	
Batch ID	0811A	
Chromium (8010)		
Initial Volume/Weight	<1.0	1
Final Volume (FV1)		100
Dilution factor		1
Preparation Date	08.11.95	
Date Analyzed	08.14.95	
Batch ID	0811A	
Silver (8010)		
Initial Volume/Weight	<1.0	1
Final Volume (FV1)		100
Dilution factor		1
Preparation Date	08.11.95	
Date Analyzed	08.14.95	
Batch ID	0811A	
Lead (7421)		
Initial Volume/Weight	<0.50	1
Final Volume (FV1)		100
Dilution factor		1
Preparation Date	08.11.95	
Date Analyzed	08.14.95	
Batch ID	0811A	
Selenium (7740)		
Initial Volume/Weight	<1.0	1
Final Volume (FV1)		100
Dilution factor		1
Preparation Date	08.11.95	
Date Analyzed	08.15.95	
Batch ID	0811B	

S554385.WK1

Preparation Date
Data Analyzed
Batch ID

Mercury (74707471)

Initial Volume/Weight
Final Volume (FYI)
Dilution factor
Preparation Date
Data Analyzed
Batch ID

08.11.95
08.18.95
0811B

mg/kg dw

<0.010
1
50
1

08.10.95
08.11.95
0810R

SS54368.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Purgeable Aromatics (8020)		UNITS	Method Blank SS54368*23	Method Blank SS54368*24	Method Blank SS54368*25
Benzene	ug/kg dw		SOIL	SOIL	SOIL
Toluene	ug/kg dw		<5.0	<5.0	<400F38
Ethylbenzene	ug/kg dw		<5.0	<5.0	<400
Total Xylenes	ug/kg dw		<5.0	<5.0	<400
Surrogate - a,a-Trifluorobutene	ug/kg dw		104 %	102 %	130 %
Dilution factor			1	1	80
Date Analyzed			08.17.95	08.18.95	08.22.95
Batch ID			0815B	0815B	0822A
Check ID			1D0817	1D0818	2D0822

Gasoline Range Organics (8015M)

Hydrocarbons as GRO	mg/kg dw	
Surrogate - a,a-Trifluorobutene		
Dilution factor		
Date Analyzed		
Batch ID		
Check ID		

Method Blank
SS54368*28

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Gasoline Range Organics (8015M)		UNITS	Method Blank SS54368*23	Method Blank SS54368*24	Method Blank SS54368*25
Hydrocarbons as GRO	mg/kg dw		SOIL	SOIL	SOIL
Surrogate - a,a-Trifluorobutene	mg/kg dw		<0.18	<0.18	<14*F38
Dilution factor			112 %	85 %	100 %
Date Analyzed			08.17.95	08.18.95	08.22.95
Batch ID			0815B	0815B	0822A
Check ID			2D0817	1D0818	2D0822

Diesel Range Organics (8100M)

Hydrocarbons as DRO	mg/kg dw	
Surrogate - OTP		
Dilution factor		
Date Extracted		
Date Analyzed		
Batch ID		
Instrument ID		

SS54368.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Purgesable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorobenzene
Dilution factor
Data Analyzed
Batch ID
Clock ID

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - a,a,a-Trifluorobenzene
Dilution factor
Data Analyzed
Batch ID
Clock ID

H726-SB26 (Q1)
SS54368-27

SOIL

UNITS

ug/kg dw
ug/kg dw
ug/kg dw
ug/kg dw
132 %
08.22.95
0822A
200822

mg/kg dw
125 %
08.22.95
0822A
200822

SS54390.WK1

SAMPLE ID	LOG NUMBER	SAMPLE DATE	MATRIX	UNITS	H728-SB21	H728-SB22	H728-SB52	H728-SB17	H133-SB3	H133-SB4
					SS54390-1	SS54390-2	SS54390-3	SS54390-4	SS54390-5	SS54390-6
					08/08/95	08/08/95	08/08/95	08/08/95	08/08/95	08/08/95
					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Purgeable Aromatics (8020)										
Benzene	up/kg dw	<5.7	<480°F39							
Toluene	up/kg dw	<5.7	<480							
Ethylbenzene	up/kg dw	<5.7	<480							
Total Xylenes	up/kg dw	<5.7	<480							
Surrogate - a,a-Trifluorotoluene	up/kg dw	110 %	134 %							
Dilution factor										
Date Analyzed		08.20.95	08.22.95							
Batch ID		0820B	0822A							
Clock ID		1D0820	2D0822							
Gasoline Range Organics (8015M)										
Hydrocarbons as GRO	mg/kg dw	<0.21	<0.22							
Surrogate - a,a-Trifluorotoluene		113 %	117 %							
Dilution factor										
Date Analyzed		08.20.95	08.22.95							
Batch ID		0820B	0822A							
Clock ID		1D0820	2D0822							
Polynuclear Aromatics (8100)										
Acenaphthene	up/kg dw	<370	<410							
Acenaphthylene	up/kg dw	<370	<410							
Benzo(a)pyrene	up/kg dw	<370	<410							
Benzo(b,h)pyrene	up/kg dw	<370	<410							
Benzo(k)fluoranthene	up/kg dw	<370	<410							
Chrysene + Benzo(e)anthracene	up/kg dw	<370	<410							
Fluoranthene	up/kg dw	<370	<410							
Fluorene	up/kg dw	<370	<410							
Indeno(1,2,3-cd)pyrene+Dibenz(a,h)anthracene	up/kg dw	<370	<410							
Naphthalene	up/kg dw	<370	<410							
Phenanthrene + Anthracene	up/kg dw	<370	<410							
Pyrene	up/kg dw	<370	<410							
1-Methylnaphthalene	up/kg dw	<370	<410							
2-Methylnaphthalene	up/kg dw	<370	<410							
Surrogate - 2-Fluorobiphenyl	up/kg dw	80 %	80 %							
Dilution factor										
Date Extracted		08.11.95	08.11.95							
Date Analyzed		08.18.95	08.17.95							
Batch ID		0811I	0811I							
Instrument ID		SGC8	SGC8							
Diesel Range Organics (8100M)										
Hydrocarbons as GRO	mg/kg dw	<11	<12							
Surrogate - OTP		83 %	71 %							
Dilution factor										
Date Extracted		08.11.95	08.11.95							
Date Analyzed		08.18.95	08.19.95							
Batch ID		0811I	0811I							
Instrument ID		SGC-8	SGC-8							
Percent Solids (180.3)	%	87	81							
Percent Solids (180.3)										

77

81

81

83

81

87

SS64390.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank - Soil
SS6439077

	UNITS	SOIL
Purgeable Aromatics (8020)		
Benzene	ug/kg dw	<5.0
Toluene	ug/kg dw	<5.0
Ethylbenzene	ug/kg dw	<5.0
Total Xylenes	ug/kg dw	<5.0
Sumogate - s,s,a-Trifluorobluene		101 %
Dilution factor		08.20.95
Date Analyzed		082008
Batch ID		1D0620
Clock ID		
Gasoline Range Organics (801SM)		
Hydrocarbons as GRO	mg/kg dw	<0.18
Sumogate - s,s,a-Trifluorobluene		113 %
Dilution factor		08.20.95
Date Analyzed		082008
Batch ID		1D0620
Clock ID		
Polynuclear Aromatics (8100)		
Acenaphthene	ug/kg dw	<330
Acenaphthylene	ug/kg dw	<330
Benzo(a)pyrene	ug/kg dw	<330
Benzo(b,h,i)perylene	ug/kg dw	<330
Benzo(b,k)fluoranthene	ug/kg dw	<330
Chrysene + Benzo(e)anthracene	ug/kg dw	<330
Fluoranthene	ug/kg dw	<330
Fluorene	ug/kg dw	<330
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene	ug/kg dw	<330
Naphthalene	ug/kg dw	<330
Phenanthrene + Anthracene	ug/kg dw	<330
Pyrene	ug/kg dw	<330
1-Methylnaphthalene	ug/kg dw	<330
2-Methylnaphthalene	ug/kg dw	<330
Sumogate - 2-Fluorobiphenyl		88 %
Dilution factor		08.11.95
Date Extracted		08.17.95
Date Analyzed		08111
Batch ID		SGC8
Instrument ID		
Diesel Range Organics (8100M)		
Hydrocarbons as DRO	mg/kg dw	<10
Sumogate - OTP		87 %
Dilution factor		08.11.95
Date Extracted		08111
Batch ID		SGC8
Instrument ID		

SS54380.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

H728-TB36
SS54380*8

WATER

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorobenzene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
120 %
08.12.85
0812A
1D0812

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - a,a,a-Trifluorobenzene
Dilution factor
Date Analyzed
Batch ID
Clock ID

mg/l
100 %
08.12.85
0812A
1D0812

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank - Liquid
SS54380*9

WATER

UNITS

Purgeable Aromatics (8020)

Benzene
Toluene
Ethylbenzene
Total Xylenes
Surrogate - a,a,a-Trifluorobenzene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/l
ug/l
ug/l
ug/l
121 %
08.12.85
0812A
1D0812

Gasoline Range Organics (8015M)

Hydrocarbons as GRO
Surrogate - a,a,a-Trifluorobenzene
Dilution factor
Date Analyzed
Batch ID
Clock ID

mg/l
85 %
08.12.85
0812A
1D0812

8554380.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank Soil
SS54380*10

	UNITS	SOIL
Purgeable Aromatics (8020)		
Benzene	ug/kg dw	<400F39
Toluene	ug/kg dw	<400
Ethylbenzene	ug/kg dw	<400
Total Xylenes	ug/kg dw	<400
Sumopals - a,a,-Trifluorobluene	130 %	80
Dilution factor		08.22.85
Date Analyzed		0822A
Batch ID		200822
Check ID		
Gasoline Range Organics (8015M)		
Hydrocarbons as GRO	mg/kg dw	<147F39
Sumopals - a,a,-Trifluorobluene	100 %	80
Dilution factor		08.22.85
Date Analyzed		0822A
Batch ID		200822
Check ID		

SS54412.WK1

SAMPLE ID	SL LOG NUMBER	SAMPLE DATE	MATRIX	UNITS	H728-SB20 SS54412*1 08/08/95 SOIL	H728-SB53 SS54412*3 08/08/95 SOIL	H728-SB18 SS54412*3 08/08/95 SOIL	H728-SB54 SS54412*4 08/08/95 SOIL
Petroleum Aromatics (8020)								
Benzene				ug/kg dw	<6.0	<6.1	<5.4	<5.4
Toluene				ug/kg dw	<6.0	<8.1	<5.4	<5.4
Ethylbenzene				ug/kg dw	<6.0	<8.1	<5.4	<5.4
Total Xylenes				ug/kg dw	<6.0	<8.1	<5.4	<5.4
Surrogate - a,a,e-Trifluorobenzene				104 %	104 %	90 %	97 %	100 %
Dilution factor					1	1	1	1
Date Analyzed					08.21.95	08.21.95	08.21.95	08.22.95
Batch ID					08208	08208	08208	08208
Client ID					1D0820	1D0821	1D0821	1D0821
Gasoline Range Organics (8015M)								
Hydrocarbons as GRO				mg/kg dw	<0.21	<0.22	<0.19	<0.20
Surrogate - a,a,e-Trifluorobenzene				115 %	115 %	119 %	99 %	98 %
Dilution factor					1	1	1	1
Date Analyzed					08.20.95	08.21.95	08.21.95	08.22.95
Batch ID					08208	08208	08208	08208
Client ID					1D0820	1D0821	1D0821	1D0821
Polynuclear Aromatics (8100)								
Acenaphthene				ug/kg dw	<380	<400	<360	<370
Acenaphthylene				ug/kg dw	<380	<400	<360	<370
Benzo(a)pyrene				ug/kg dw	<380	<400	<360	<370
Benzo(g,h,i)perylene				ug/kg dw	<380	<400	<360	<370
Benzo(b)fluoranthene				ug/kg dw	<380	<400	<360	<370
Chrysene + Benzo(a)anthracene				ug/kg dw	<380	<400	<360	<370
Fluoranthene				ug/kg dw	<380	<400	<360	<370
Fluorene				ug/kg dw	<380	<400	<360	<370
Indeno(1,2,3-cd)pyrene + Dibenz(a,h)anthracene				ug/kg dw	<380	<400	<360	<370
Naphthalene				ug/kg dw	<380	<400	<360	<370
Phenanthrene + Anthracene				ug/kg dw	<380	<400	<360	<370
Pyrene				ug/kg dw	<380	<400	<360	<370
1-Methylnaphthalene				ug/kg dw	<380	<400	<360	<370
2-Methylnaphthalene				ug/kg dw	<380	<400	<360	<370
Surrogate - 2-Fluorobiphenyl				ug/kg dw	<380	<400	<360	<370
Dilution factor					75 %	76 %	73 %	76 %
Date Analyzed					08.11.95	08.11.95	08.11.95	08.11.95
Batch ID					08111	08111	08111	08111
Instrument ID					SGC8	SGC8	SGC8	SGC8
Diesel Range Organics (8100M)								
Hydrocarbons as DRO				mg/kg dw	<12	<12	<11	<11
Surrogate - OTP				79 %	79 %	86 %	75 %	70 %
Dilution factor					1	1	1	1
Date Analyzed					08.11.95	08.11.95	08.11.95	08.11.95
Batch ID					08111	08111	08111	08111
Instrument ID					SGC8	SGC8	SGC8	SGC8
Percent Solids (160.3)								
Percent Solids (160.3)				%	84	82	83	82
SAMPLE ID					Method Blank - Soil			
SL LOG NUMBER					SS54412*5			
SAMPLE DATE								

SSS4412 WK1

MATRIX	UNITS	SOIL
Purgeable Aromatics (8020)		
Benzene	ug/kg dw	<5.0
Toluene	ug/kg dw	<5.0
Ethylbenzene	ug/kg dw	<5.0
Total Xylenes	ug/kg dw	<5.0
Surrogate - a,a,a-Trifluorotoluene		101 %
Dilution factor		
Date Analyzed		08.20.95
Batch ID		08208
Clock ID		1D0820
Gasoline Range Organics (801SM)		
Hydrocarbons as GRO	mg/kg dw	<0.18
Surrogate - a,a,a-Trifluorobutene		113 %
Dilution factor		
Date Analyzed		08.20.95
Batch ID		08208
Clock ID		1D0820
Polynuclear Aromatics (8100)		
Acenaphthene	ug/kg dw	<300
Acenaphthylene	ug/kg dw	<300
Benzo(a)pyrene	ug/kg dw	<300
Benzo(a,h,i)perylene	ug/kg dw	<300
Benzo(b,k)fluoranthene	ug/kg dw	<300
Chrysene + Benzo(a)anthracene	ug/kg dw	<300
Fluoranthene	ug/kg dw	<300
Indeno(1,2,3-cd)pyrene + Dibenz(a,h)anthracene	ug/kg dw	<300
Naphthalene	ug/kg dw	<300
Phenanthrene + Anthracene	ug/kg dw	<300
Pyrene	ug/kg dw	<300
1-Methylanthracene	ug/kg dw	<300
2-Methylanthracene	ug/kg dw	<300
Surrogate - 2-Fluorobiphenyl		88 %
Dilution factor		
Date Extracted		08.11.95
Date Analyzed		08.17.95
Batch ID		08111
Instrument ID		SGC8
Diesel Range Organics (8100M)		
Hydrocarbons as DRO	mg/kg dw	<10
Surrogate - QTP		87 %
Dilution factor		
Date Extracted		08.11.95
Date Analyzed		08.18.95
Batch ID		08111
Instrument ID		SGC8
SAMPLE ID		Method Blank Soil
SL LOG NUMBER		SSS441276
SAMPLE DATE		
MATRIX	UNITS	SOIL
Purgeable Aromatics (8020)		
Benzene	ug/kg dw	<5.0
Toluene	ug/kg dw	<5.0

SS54412 WK1

Ethylbenzene
Total Xylenes
Surrogate - s,a,s-Trifluorobutene
Dilution factor
Date Analyzed
Batch ID
Clock ID

ug/kg dw
ug/kg dw
1
08.21.95
08208
1D0821

Gasoline Range Organics (GRO)
Hydrocarbons as GRO
Surrogate - s,a,s-Trifluorobutene
Dilution factor
Date Analyzed
Batch ID
Clock ID

mg/kg dw
1
08.21.95
08208
1D0821

S554528.WK1

SAMPLE ID	H133-SB5	H133-SB8	H728-SB30
SL LOG NUMBER	S554528*1	S554528*2	S554528*3
SAMPLE DATE	08/15/95	08/15/95	08/15/95
MATRIX	SOIL	SOIL	SOIL
UNITS			
Purgeable Aromatics (8020)			
Benzene	ug/kg dw	<8.0	<8.0
Toluene	ug/kg dw	<8.0	<8.0
Ethylbenzene	ug/kg dw	<8.0	<8.0
Total Xylenes	ug/kg dw	<8.0	<8.0
Surrogate - a,a'-Trifluorobutene	98 %	114 %	95 %
Dilution factor	1	1	1
Date Analyzed	08.22.95	08.22.95	08.22.95
Batch ID	08208	08208	08208
Check ID	1D0822	1D0822	1D0822
Gasoline Range Organics (8015M)			
Hydrocarbons as GRO	mg/kg dw	<0.21	<0.21
Surrogate - a,a'-Trifluorobutene	113 %	83 %	103 %
Dilution factor	1	1	1
Date Analyzed	08.22.95	08.22.95	08.22.95
Batch ID	08208	08208	08208
Check ID	1D0821	1D0822	1D0822
Polynuclear Aromatics (8100)			
Acenaphthene	ug/kg dw	<380	<380
Acenaphthylene	ug/kg dw	<380	<380
Benzo(a)pyrene	ug/kg dw	<380	<380
Benzo(a,h,i)perylene	ug/kg dw	<380	<380
Benzo(b,k)fluoranthene	ug/kg dw	<380	<380
Chrysene + Benzo(e)anthracene	ug/kg dw	<380	<380
Fluoranthene	ug/kg dw	<380	<380
Fluorene	ug/kg dw	<380	<380
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene	ug/kg dw	<380	<380
Naphthalene	ug/kg dw	<380	<380
Phenanthrene + Anthracene	ug/kg dw	<380	<380
Pyrene	ug/kg dw	<380	<380
1-Methylnaphthalene	ug/kg dw	<380	<380
2-Methylnaphthalene	ug/kg dw	<380	<380
Surrogate - 2-Fluorobiphenyl	ug/kg dw	<380	<380
Dilution factor	71 %	65 %	65 %
Date Extracted	08.17.95	08.17.95	08.17.95
Date Analyzed	08.23.95	08.23.95	08.23.95
Batch ID	08171	08171	08171
Instrument ID	SGC8	SGC8	SGC8
Diesel Range Organics (8100M)			
Hydrocarbons as DRO	mg/kg dw	<12	<12
Surrogate - OTP	75 %	77 %	71 %
Dilution factor	1	1	1
Date Extracted	08.17.95	08.17.95	08.17.95
Date Analyzed	08.24.95	08.24.95	08.24.95
Batch ID	08171	08171	08171
Instrument ID	SGC8	SGC8	SGC8
Percent Solids (160.3)	83	84	84
Percent Solids (160.3)	%		

SS54528.WK1

SAMPLE ID SL LOG NUMBER SAMPLE DATE MATRIX		Method Blank Soil SS54528-4 SOIL	
		UNITS	
Purgeable Aromatics (6020)			
Benzene	ug/kg dw	<5.0	
Toluene	ug/kg dw	<5.0	
Ethylbenzene	ug/kg dw	<5.0	
Total Xylenes	ug/kg dw	<5.0	
Surrogate - a,a,a-Trifluorobenzene		97 %	1
Dilution factor		08.21.95	
Date Analyzed		08.20.95	
Batch ID		1D0821	
Clock ID			
Gasoline Range Organics (6015M)			
Hydrocarbons as GRO	mg/kg dw	<0.18	
Surrogate - a,a,a-Trifluorobenzene		123 %	1
Dilution factor		08.21.95	
Date Analyzed		08.20.95	
Batch ID		1D0821	
Clock ID			
Polynuclear Aromatics (6100)			
Acenaphthene	ug/kg dw	<330	
Acenaphthylene	ug/kg dw	<330	
Benzo(a)pyrene	ug/kg dw	<330	
Benzo(g,h,i)perylene	ug/kg dw	<330	
Benzo(k)fluoranthene	ug/kg dw	<330	
Chrysene + Benzo(e)anthracene	ug/kg dw	<330	
Fluoranthene	ug/kg dw	<330	
Fluorene	ug/kg dw	<330	
Indeno(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene	ug/kg dw	<330	
Naphthalene	ug/kg dw	<330	
Phenanthrene + Anthracene	ug/kg dw	<330	
Pyrene	ug/kg dw	<330	
1-Methylnaphthalene	ug/kg dw	<330	
2-Methylnaphthalene	ug/kg dw	<330	
Surrogate - 2-Fluorobiphenyl	ug/kg dw	74 %	1
Dilution factor		08.17.95	
Date Extracted		08.21.95	
Date Analyzed		08.17.95	
Batch ID		SGC3	
Instrument ID			
Diesel Range Organics (6100M)			
Hydrocarbons as DRO	mg/kg dw	<10	
Surrogate - OTP		78 %	1
Dilution factor		08.17.95	
Date Extracted		08.24.95	
Date Analyzed		08.17.95	
Batch ID		SGC3	
Instrument ID			

SS54528 WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank Soil
SS54528-S

	UNITS	SOIL
Purgeable Aromatics (8020)		
Benzene	ug/kg dw	<5.0
Toluene	ug/kg dw	<5.0
Ethylbenzene	ug/kg dw	<5.0
Total Xylenes	ug/kg dw	<5.0
Surrogate - a,a,a-Trifluorotoluene	ug/kg dw	98 %
Dilution factor		1
Date Analyzed		08.22.95
Batch ID		08208
Clock ID		1D0622
Gasoline Range Organics (8015M)		
Hydrocarbons as GRO	mg/kg dw	<0.18
Surrogate - a,a,a-Trifluorotoluene		97 %
Dilution factor		1
Date Analyzed		08.22.95
Batch ID		08208
Clock ID		1D0622

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

आपका

Purgeable Aromatics (2022)

Parameter	Unit
Benzene	ug/kg dw
Toluene	ug/kg dw
Ethylbenzene	ug/kg dw
Total Xylenes	ug/kg dw
Surrogate - a, a, Trifluorotoluene	ug/kg dw
Dilution factor	
Data Analyzed	
Batch ID	
Clock ID	

Diesel Range Organics (8100M)

Hydrocarbons as DRO	mg/kg dw
Surrogate - OTP	
Dilution factor	
Date Extracted	
Date Analyzed	
Batch ID	
Instrument ID	

Polynuclear Aromatics (8100)

Compound	ug/kg dw
Acenaphthene	ug/kg dw
Acenaphthylene	ug/kg dw
Benzo(e)pyrene	ug/kg dw
Benzo(g,h,i)perylene	ug/kg dw
Benzo(b)fluoranthene	ug/kg dw
Chrysene + Benzo(a)anthracene	ug/kg dw
Fluoranthene	ug/kg dw
Fluorene	ug/kg dw
Indeno(1,2,3-cd)pyrene+Dibenz(a,h)anthracene	ug/kg dw
Naphthalene	ug/kg dw
Phenanthrene + Anthracene	ug/kg dw
Pyrene	ug/kg dw
1-Methylnaphthalene	ug/kg dw
2-Methylnaphthalene	ug/kg dw
Sumgale - 2-Fluorobiphenyl	ug/kg dw
Dilution factor	ug/kg dw
Date Extracted	ug/kg dw
Date Analyzed	ug/kg dw
Batch ID	ug/kg dw
Instrument ID	ug/kg dw

Semi-volatile Organics (S270)

1,3-Dichlorobenzene	ug/kg dw	<360	<7600	<360
1,4-Dichlorobenzene	ug/kg dw	<360	<7600	<360
Hexachloroethane	ug/kg dw	<360	<7600	<360
bis(2-Chloroethyl)ether	ug/kg dw	<360	<7600	<360
1,2-Dichlorobenzene	ug/kg dw	<360	<7600	<360
bis(2-Chloroisopropyl)ether	ug/kg dw	<360	<7600	<360
n-Nitrosod-n-propylamine	ug/kg dw	<360	<7600	<360
Nitrobenzene	ug/kg dw	<360	<7600	<360
Hexachlorobutadiene	ug/kg dw	<360	<7600	<360
1,2,4-Trichlorobenzene	ug/kg dw	<360	<7600	<360
Isophorone	ug/kg dw	<360	<7600	<360
Naphthalene	ug/kg dw	<360	<7600	<360
bis(2-Chloroethoxy)methane	ug/kg dw	<360	<7600	<360
Hexachlorocyclopentadiene	ug/kg dw	<360	<7600	<360
2-Chloronaphthalene	ug/kg dw	<360	<7600	<360
Aconaphthylene	ug/kg dw	<360	<7600	<360
Aconaphthene	ug/kg dw	<360	<7600	<360
Dimethylphthalate	ug/kg dw	<360	<7600	<360
2,6-Dinitrodiene	ug/kg dw	<360	<7600	<360
Fluorene	ug/kg dw	<360	<7600	<360
4-Chlorophenylphenyl ether	ug/kg dw	<360	<7600	<360
2,4-Dinitrobenzene	ug/kg dw	<360	<7600	<360
Diethylphthalate	ug/kg dw	<360	<7600	<360
N-Nitrosodiphenylamine/Diphenylamine	ug/kg dw	<360	<7600	<360
Hexachlorobenzene	ug/kg dw	<360	<7600	<360
4-Bromophenyl phenyl ether	ug/kg dw	<360	<7600	<360
Phenanthrene	ug/kg dw	<360	<7600	<360
Anthracene	ug/kg dw	<360	<7600	<360
Di-n-butylphthalate	ug/kg dw	<360	<7600	<360
Fluoranthene	ug/kg dw	<360	<7600	<360
Pyrene	ug/kg dw	<360	<7600	<360
Benzo(a)pyrene	ug/kg dw	<360	<7600	<360
Butylbenzylphthalate	ug/kg dw	<360	<7600	<360
bis(2-Ethylhexyl)phthalate	ug/kg dw	<360	<7600	<360
Chrysene	ug/kg dw	<360	<7600	<360
Benzo(a)anthracene	ug/kg dw	<360	<7600	<360
3,3'-Dichlorobenzidine	ug/kg dw	<360	<7600	<360
Di-n-octylphthalate	ug/kg dw	<360	<7600	<360
Benzo(b)fluoranthene	ug/kg dw	<360	<7600	<360
Benzo(k)fluoranthene	ug/kg dw	<360	<7600	<360
Benzo(e)pyrene	ug/kg dw	<360	<7600	<360
Indeno(1,2,3-cd)pyrene	ug/kg dw	<360	<7600	<360
Dibenz(a,h)anthracene	ug/kg dw	<360	<7600	<360
Benzo(g,h,i)perylene	ug/kg dw	<360	<7600	<360
N-Nitrosodimethylamine	ug/kg dw	<360	<7600	<360
2-Chlorophenol	ug/kg dw	<360	<7600	<360
2-Nitrophenol	ug/kg dw	<360	<7600	<360
Phenol	ug/kg dw	<360	<7600	<360
2,4-Dimethylphenol	ug/kg dw	<360	<7600	<360
2,4-Dichlorophenol	ug/kg dw	<360	<7600	<360
2,4,6-Trichlorophenol	ug/kg dw	<360	<7600	<360
4-Chloro-3-methylphenol	ug/kg dw	<360	<7600	<360
2,4-Dinitrophenol	ug/kg dw	<360	<7600	<360
2-Methyl-4,8-dinitrophenol	ug/kg dw	<360	<7600	<360
Pentachlorophenol	ug/kg dw	<360	<7600	<360
4-Nitrophenol	ug/kg dw	<360	<7600	<360
Benzyl alcohol	ug/kg dw	<360	<7600	<360
2-Methylphenol (o-cresol)	ug/kg dw	<360	<7600	<360
3,4-Methylphenol (m,p-cresol)	ug/kg dw	<360	<7600	<360

SS54045, WK1

Benzoic acid	ug/kg dw	<1800	<2000	<38000	<1800
4-Chloroaniline	ug/kg dw	<720	<780	<15000	<720
2-Methylnaphthalene	ug/kg dw	<380	<380	17000	<380
2,4,5-Trichlorophenol	ug/kg dw	<380	<380	<7800	<380
2-Nitroaniline	ug/kg dw	<1800	<2000	<38000	<1800
3-Nitroaniline	ug/kg dw	<1800	<2000	<38000	<1800
Dibenzofuran	ug/kg dw	<380	<380	<7800	<380
4-Nitroaniline	ug/kg dw	<1800	<2000	<38000	<1800
Surrogate-2CP		87 %	80 %	0 % D*F33	86 %
Surrogate-PHL		78 %	80 %	0 % D*F33	87 %
Surrogate-NBZ		72 %	80 %	0 % D*F33	89 %
Surrogate-2FBP		72 %	100 %	0 % D*F33	89 %
Surrogate-TBP		81 %	88 %	0 % D*F33	89 %
Surrogate-TPH		83 %	100 %	0 % D*F33	89 %
Date Extracted		08.23.95	08.23.95	08.23.95	08.23.95
Date Analyzed		09.08.95	09.08.95	08.12.95	09.11.95
Batch ID		QSM0823E	QSM0823E	QSM0823E	QSM0823E
Instrument ID		MSK	MSK	MSK	MSK
Percent Solids (160.3)		82	64	87	91
Percent Solids (160.3)	%				

SS54645.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Method Blank Soil
SS54645-S

	UNITS	SOIL
Purgeable Aromatics (8020)		
Benzene	ug/kg dw	<5.0
Toluene	ug/kg dw	<5.0
Ethylbenzene	ug/kg dw	<5.0
Total Xylenes	ug/kg dw	<5.0
Surrogate - a,a,a-Trifluorobenzene		92 %
Dilution factor		1
Date Analyzed		08.25.95
Batch ID		0825A
Client ID		200825
Diesel Range Organics (8100M)		
Hydrocarbons as DRO	mg/kg dw	<10
Surrogate - OTP		80 %
Dilution factor		1
Date Extracted		08.23.95
Date Analyzed		08.01.95
Batch ID		0823A
Instrument ID		SGC9
Polynuclear Aromatics (8100)		
Acenaphthene	ug/kg dw	<30
Acenaphthylene	ug/kg dw	<30
Benzo(a)pyrene	ug/kg dw	<30
Benzo(g,h,i)perylene	ug/kg dw	<30
Benzo(b,k)fluoranthene	ug/kg dw	<30
Chrysene + Benzo(a)anthracene	ug/kg dw	<30
Fluoranthene	ug/kg dw	<30
Fluorene	ug/kg dw	<30
Indene(1,2,3-cd)pyrene + Dibenzo(a,h)anthracene	ug/kg dw	<30
Naphthalene	ug/kg dw	<30
Phenanthrene + Anthracene	ug/kg dw	<30
Pyrene	ug/kg dw	<30
1-Methylnaphthalene	ug/kg dw	<30
2-Methylnaphthalene	ug/kg dw	<30
Surrogate - 2-Fluorobiphenyl	ug/kg dw	<30
Dilution factor		89 %
Date Extracted		08.23.95
Date Analyzed		08.04.95
Batch ID		0823A
Instrument ID		SGC8
Semivolatile Organics (8270)		
1,3-Dichlorobenzene	ug/kg dw	<30
1,4-Dichlorobenzene	ug/kg dw	<30
Hexachloroethane	ug/kg dw	<30
bis(2-Chloroethyl) ether	ug/kg dw	<30
1,2-Dichlorobenzene	ug/kg dw	<30
bis(2-Chloroisopropyl) ether	ug/kg dw	<30
n-Nitrosodi-n-propylamine	ug/kg dw	<30
Nitrobenzene	ug/kg dw	<30
Heachlorobutadiene	ug/kg dw	<30
1,2,4-Trichlorobenzene	ug/kg dw	<30
Isophorone	ug/kg dw	<30
Naphthalene	ug/kg dw	<30

SS5645.WK1

bis(2-Chloroethoxy)methane	ug/kg dw	<300
Hexachlorocyclopentadiene	ug/kg dw	<300
2-Chloronaphthalene	ug/kg dw	<300
Acenaphthylene	ug/kg dw	<300
Acenaphthene	ug/kg dw	<300
Dimethylphthalate	ug/kg dw	<300
2,6-Dinitrotoluene	ug/kg dw	<300
Fluorene	ug/kg dw	<300
4-Chlorophenyl phenyl ether	ug/kg dw	<300
2,4-Dinitrotoluene	ug/kg dw	<300
Diethylphthalate	ug/kg dw	<300
N-Nitrosodiphenylamine/Diphenylamine	ug/kg dw	<300
Hexachlorobenzene	ug/kg dw	<300
4-Bromophenyl phenyl ether	ug/kg dw	<300
Phenanthrene	ug/kg dw	<300
Anthracene	ug/kg dw	<300
Di-n-butylphthalate	ug/kg dw	<300
Fluoranthene	ug/kg dw	<300
Pyrene	ug/kg dw	<300
Benzidine	ug/kg dw	<2700
Butylbenzylphthalate	ug/kg dw	<300
bis(2-Ethylhexyl)phthalate	ug/kg dw	<300
Chrysene	ug/kg dw	<300
Benzofluoranthene	ug/kg dw	<300
3,3'-Dichlorobenzidine	ug/kg dw	<860
Di-n-octylphthalate	ug/kg dw	<300
Benzofluoranthene	ug/kg dw	<300
Benzofluoranthene	ug/kg dw	<300
Benzofluoranthene	ug/kg dw	<300
Indene(1,2,3-cd)pyrene	ug/kg dw	<300
Dibenzofluoranthene	ug/kg dw	<300
Benzofluoranthene	ug/kg dw	<300
N-Nitrosodimethylamine	ug/kg dw	<300
2-Chlorophenol	ug/kg dw	<300
2-Nitrophenol	ug/kg dw	<300
Phenol	ug/kg dw	<300
2,4-Dimethylphenol	ug/kg dw	<300
2,4-Dichlorophenol	ug/kg dw	<300
2,4,6-Trichlorophenol	ug/kg dw	<300
4-Chloro-3-methylphenol	ug/kg dw	<300
2,4-Dinitrophenol	ug/kg dw	<1700
2-Methyl-4,6-dinitrophenol	ug/kg dw	<1700
Pentachlorophenol	ug/kg dw	<1700
4-Nitrophenol	ug/kg dw	<1700
Benzyl alcohol	ug/kg dw	<300
2-Methylphenol (o-cresol)	ug/kg dw	<300
3,5,4-Methylphenol (m&p-cresol)	ug/kg dw	<300
Benzic acid	ug/kg dw	<1700
4-Chloroaniline	ug/kg dw	<860
2-Methylnaphthalene	ug/kg dw	<300
2,4,5-Trichlorophenol	ug/kg dw	<300
2-Nitroaniline	ug/kg dw	<1700
3-Nitroaniline	ug/kg dw	<1700
Dibenzofuran	ug/kg dw	<300
4-Nitroaniline	ug/kg dw	<1700
Surrogate-2FP	ug/kg dw	74 %
Surrogate-PHL	ug/kg dw	76 %
Surrogate-NBZ	ug/kg dw	74 %
Surrogate-2FBP	ug/kg dw	72 %
Surrogate-TBP	ug/kg dw	71 %
Surrogate-TPH	ug/kg dw	72 %

S554645.WK1

Date Extracted
Date Analyzed
Batch ID
Instrument ID

08.23.05
08.11.05
QSM0823E
MSK

Method Blank Soil Method Blank Soil
S554845*8 S554845*7

UNITS	SOIL	SOIL
ug/kg dw	<5.0	<5.0
ug/kg dw	<5.0	<5.0
ug/kg dw	<5.0	<5.0
ug/kg dw	<5.0	<5.0
	95 %	94 %
	08.28.95	08.24.95
	08.25A	08.25A
	1D0828	20D0828

	98 %	1	94 %
ug/kg dw	<5.0	08.24.95	08.25A
ug/kg dw	<5.0	0825A	2D0828
ug/kg dw	<5.0	1D0828	
ug/kg dw	<5.0		

Concentration	Response	Response	Response
0.28.95	0.28.95	0.28.95	0.28.95
0.25A	0.25A	0.25A	0.25A
200828	200828	200828	200828
1D0828	1D0828	1D0828	1D0828
95 %	95 %	95 %	95 %
<5.0	<5.0	<5.0	<5.0
up/kg dw	up/kg dw	up/kg dw	up/kg dw
<5.0	<5.0	<5.0	<5.0
94 %	94 %	94 %	94 %

up/kg dw		
<5.0	95 %	08.28.95
<5.0	94 %	08.25A
		200828

95 %	1	94 %
08.28.95		08.24.95
0825A		0825A
1D0828		2D0828

08.24.95	08.28.95
0825A	0825A
200828	1D0828

1D0828 2D0828

Method 11.5.1 Soil

SS54845-8

SOIL

END

ug/kg dw

[illegible]

330

μg/kg dw

<330

[illegible]

330

up/kg dw

0330
0330
0330

AP 6/1/51

ug/kg dw

<330	µg/kg dw
<220	µg/kg dw

 $\mu\text{g/kg dw}$ 330

0330 0330

ug/kg dw	ug/kg dw
230	230
330	330

330

430 430

0330

0637

	0637	AND ENGINE
	0637	AND ENGINE
	0637	AND ENGINE

MP Budget 2700

AP 03/07 053

DZ	NO DYN
DZ	NO DYN

0882 AP 64/67

SS54845.WK1

Dt-n-octylphthalate	up/kg dw	<330
Benzo(b)fluoranthene	up/kg dw	<330
Benzo(k)fluoranthene	up/kg dw	<330
Benzo(e)pyrene	up/kg dw	<330
Indeno(1,2,3-cd)pyrene	up/kg dw	<330
Dibenzo(a,h)anthracene	up/kg dw	<330
Benzo(g,h,i)perylene	up/kg dw	<330
N-Nitrosodimethylaniline	up/kg dw	<330
2-Chlorophenol	up/kg dw	<330
2-Nitrophenol	up/kg dw	<330
Phenol	up/kg dw	<330
2,4-Dimethylphenol	up/kg dw	<330
2,4-Dichlorophenol	up/kg dw	<330
2,4,6-Trichlorophenol	up/kg dw	<330
4-Chloro-3-methylphenol	up/kg dw	<330
2,4-Dibromophenol	up/kg dw	<330
2-Methyl-4,6-dinitrophenol	up/kg dw	<1700
Pentachlorophenol	up/kg dw	<1700
4-Nitrophenol	up/kg dw	<1700
Benzyl alcohol	up/kg dw	<330
2-Methylphenol (o-cresol)	up/kg dw	<330
3,4,4-Triethylphenol (m&p-cresol)	up/kg dw	<330
Benzoic acid	up/kg dw	<1700
4-Chloroaniline	up/kg dw	<660
2-Methylnaphthalene	up/kg dw	<330
2,4,5-Trichlorophenol	up/kg dw	<330
2-Nitroaniline	up/kg dw	<1700
3-Nitroaniline	up/kg dw	<1700
Dibenzofuran	up/kg dw	<330
4-Nitroaniline	up/kg dw	<1700
Surrogate-2FP	64 %	
Surrogate-PHL	72 %	
Surrogate-NBZ	69 %	
Surrogate-2FBP	68 %	
Surrogate-TBP	74 %	
Surrogate-TPH	86 %	
Data Extracted	06/23/95	
Date Analyzed	08/07/95	
Batch ID	QSM0823E	
Instrument ID	MSK	

SAMPLE ID SL LOG NUMBER SAMPLE DATE MATRIX	UNITS	Detection Limits Lab Control Stand				LCS Duplicate Re				LCS Expected Val				LCSILCS Duplicate				LCS % Recovery				LCS % RPD				% RPD Control LI			
		SSHAA11*1	SSHAA11*2	SSHAA11*3	SSHAA11*4	SSHAA11*5	SSHAA11*6	SSHAA11*7	SSHAA11*8	SSHAA11*9	SSHAA11*10	SSHAA11*11	SSHAA11*12	SSHAA11*13	SSHAA11*14	SSHAA11*15	SSHAA11*16	SSHAA11*17	SSHAA11*18	SSHAA11*19	SSHAA11*20	SSHAA11*21	SSHAA11*22	SSHAA11*23	SSHAA11*24	SSHAA11*25	SSHAA11*26	SSHAA11*27	SSHAA11*28
Purgeable Aromatics (6020)																													
Benzene																													
Toluene																													
Ethylbenzene																													
Total Xylenes																													
Surrogate - a,a,a-Trifluorobenzene																													
Dilution factor																													
Date Analyzed																													
Batch ID																													
Clock ID																													
Gasoline Range Organics (8015M)																													
Hydrocarbons as GRO																													
Surrogate - a,a,a-Trifluorobenzene																													
Dilution factor																													
Date Analyzed																													
Batch ID																													
Clock ID																													
Polynuclear Aromatics (8100)																													
Acenaphthene																													
Acenaphthylene																													
Benzo(a)pyrene																													
Benzo(g,h,i)perylene																													
Benzo(b,k)fluoranthene																													
Chrysene + Benzo(e)anthracene																													
Fluoranthene																													
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene																													
Naphthalene																													
Phenanthrene + Anthracene																													

SSHAA11.WK1

Final Volume (FV1)

Batch ID

Arsenic (7060)

Initial Volume/Weight

Final Volume (FV1)

Dilution factor

Preparation Date

Date Analyzed

Batch ID

SSHA011.WK1

Dilution factor
Preparation Date
Date Analyzed
Batch ID

Mercury (74707/471)

Mercury

Initial Volume/Weight
Final Volume (FV)

Dilution factor

Preparation Date

Date Analyzed

Batch ID

0.01	1	1
1.54	0.0511	0.0517
50	50	50
1	1	1
08.10.85	08.10.85	08.10.85
08.11.85	08.11.85	08.11.85
0810R	0810R	0810R

1.4	110117 %	70-130 %	6.2 %	<30 %
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SSHAA11.WK1

SAMPLE ID
SL LOG NUMBER
SAMPLE DATE
MATRIX

Matrix Spike (H13) Matrix Spike Dupli Matrix Spike (MS) MSMSD % Recov MSMSD % RPD
SSHAA11*9 SSHAA11*10 SSHAA11*11 SSHAA11*12 SSHAA11*13

UNITS

Pugaeable Aromatics (8020)

Benzene
Toluene
Surrogate - a,a,s-Trifluorobluene

Dilution factor

Date Analyzed

Batch ID

Clock ID

Gasoline Range Organics (8015M)

Hydrocarbons as GRO

Surrogate - a,a,s-Trifluorobluene

Dilution factor

Date Analyzed

Batch ID

Clock ID

Polynuclear Aromatics (8100)

Acenaphthene

Benz(a)pyrene

Fluorene

Naphthalene

Pyrene

Surrogate - 2-Fluorobiphenyl

Dilution factor

Date Extracted

Date Analyzed

Batch ID

Instrument ID

Diesel Range Organics (8100M)

Hydrocarbons as DRO

Surrogate - OTP

Dilution factor

Date Extracted

Date Analyzed

Batch ID

Instrument ID

Petroleum Hydrocarbons

Total Recoverable Petroleum Hydrocarbons (418)

Dilution factor

Date Analyzed

Initial Volume/Weight

Final Volume (FV1)

Batch ID

Aromatic (7080)

Aromatic (7080)

Initial Volume/Weight

Final Volume (FV1)

Dilution factor

Preparation Date

Date Analyzed

Batch ID

SOIL

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[illegible]

SSHAA11WK1

Date Analyzed
Batch ID

08.11.95
OSTOR

08.11.95
OSTOR

SAMPLE ID	SAMPLE DATE	SAMPLE LOG NUMBER	UNIT	LCS Duplicate Re SSHAA11*14	LCS Expected Val SSHAA11*15	LCS/LCS Duplicat SSHAA11*16	% Recovery SSHAA11*17	LCS % RPD SSHAA11*18	% RPD Control Limits SSHAA11*20
Purgeable Aromatics (6020)									
Benzene			SOIL	8900	8100	8000	108/101 %		
Toluene			SOIL	8300	8700	8000	119/108 %	6.7 %	<27 %
Sumogate - s,s,a-Trifluorotoluene			SOIL	132 %	122 %			6.2 %	<28 %
Dilution factor			SOIL	80	80				
Date Analyzed			SOIL	08.22.95	08.22.95				
Batch ID			SOIL	0822A	0822A				
Clock ID			SOIL	2D0822	2D0822				
Gasoline Range Organics (6015M)									
Hydrocarbons as GRO			SOIL	11	10.7	18	89/87 %	1.5 %	<40 %
Sumogate - s,s,a,e-Trifluorotoluene			SOIL	89 %	105 %				
Dilution factor			SOIL	80	80				
Date Analyzed			SOIL	08.22.95	08.22.95				
Batch ID			SOIL	0822A	0822A				
Clock ID			SOIL	2D0822	2D0822				
Diesel Range Organics (6100M)									
Hydrocarbons as DRO			SOIL	38.7	42.3	50	73/85 %	15 %	<40 %
Sumogate - OTP			SOIL	72 %	87 %				
Dilution factor			SOIL	1	1				
Date Extracted			SOIL	08.30.95	08.30.95				
Date Analyzed			SOIL	08.31.95	08.31.95				
Batch ID			SOIL	0830L	0830L				
Instrument ID			SOIL	SGC3	SGC3				

SAMPLE ID	Lab Control Stand	LCS Duplicates Re	LCS Expected Val	LCS Duplicate LCS % Recovery	LCS % RPD	% RPD Control
SL LOG NUMBER	SSHAA13*1	SSHAA13*2	SSHAA13*3	SSHAA13*4	SSHAA13*5	SSHAA13*6
SAMPLE DATE	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
MATRIX	UNITS	SOIL	SOIL	SOIL	SOIL	SOIL
Purposable Aromatics (8020)						
Benzene						
Toluene						
Ethylbenzene						
Total Xylenes						
Sumopate - s,s,a-Trifluorobenzene						
Dilution Factor						
Data Analyzed						
Batch ID						
Clock ID						
Semivolatile Organics (8270)						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene						
Hexachlorobenzene						
bis(2-Chloroethyl)ether						
1,2-Dichlorobenzene						
bis(2-Chloroisopropyl)ether						
n-Nitrosodimethylamine						
Nitrobenzene						
Hexachlorobutadiene						
1,2,4-Trichlorobenzene						
Isochlorobenzene						
Naphthalene						
bis(2-Chloroethoxy)methane						
Hexachlorocyclopentadiene						
2,2-Dichloronaphthalene						
Acenaphthylene						
Acenaphthene						
Dimethylphthalate						
2,6-Dinitrotoluene						
Fluorene						
4-Chlorophenylphenyl ether						
2,4-Dinitrotoluene						
Diethylphthalate						
N-Nitrosodiphenylamine/Diphenylamine						
Hexachlorobenzene						
4-Bromophenyl phenyl ether						
Phenanthrene						
Anthracene						
Di-n-butylphthalate						
Fluoranthene						
Pyrene						
Benzidine						
Butylbenzylphthalate						
bis(2-Ethynoxy)phthalate						
Chrysene						
Benzo(a)anthracene						
3,3'-Dichlorobenzidine						
Di-n-octylphthalate						
Benzo(b)fluoranthene						
Benzo(k)fluoranthene						
Benzo(a)pyrene						
Indeno(1,2,3-cd)pyrene						
Benzo(a,h)anthracene						

Compound	Unit	Concentration	% Recovery	Range
Benzofluoranthene	ug/kg dw	330		
N-Nitrosodimethylaniline	ug/kg dw	330		
2-Chlorophenol	ug/kg dw	330	2178	45-105 %
2-Nitrophenol	ug/kg dw	330	2112	68/84 %
Phenol	ug/kg dw	330	2013	68/61 %
2,4-Dimethylphenol	ug/kg dw	330		
2,4-Dichlorophenol	ug/kg dw	330		
2,4,6-Trichlorophenol	ug/kg dw	330		
4-Chloro-3-methylphenol	ug/kg dw	330		
2,4-Dinitrophenol	ug/kg dw	330	2640	79/80 %
2-Methyl-4,6-dinitrophenol	ug/kg dw	1700		
Pentachlorophenol	ug/kg dw	1700	2048	63/62 %
4-Nitrophenol	ug/kg dw	1700	2244	84/88 %
Benzyl alcohol	ug/kg dw	330		
2-Methylphenol (o-cresol)	ug/kg dw	330		
3,5,4-Methylphenol (m&p-cresol)	ug/kg dw	330		
Benzoic acid	ug/kg dw	330		
4-Chloroaniline	ug/kg dw	660		
2-Methylnaphthalene	ug/kg dw	330		
2,4,5-Trichlorophenol	ug/kg dw	330		
2-Nitroaniline	ug/kg dw	1700		
3-Nitroaniline	ug/kg dw	1700		
Dibenzoturan	ug/kg dw	330		
4-Nitroaniline	ug/kg dw	1700		
Surrogate-2FP	ug/kg dw		70 %	65 %
Surrogate-PHL	ug/kg dw		73 %	69 %
Surrogate-MEZ	ug/kg dw		74 %	71 %
Surrogate-2FBP	ug/kg dw		78 %	70 %
Surrogate-TBP	ug/kg dw		81 %	81 %
Surrogate-TPH	ug/kg dw		83 %	84 %
Date Extracted			08.23.95	
Date Analyzed			08.07.95	
Batch ID			QSM0823E	
Instrument ID			MSK	
Polynuclear Aromatics (B100)				
Acenaphthene	ug/kg dw	330	2690	37-115 %
Acenaphthylene	ug/kg dw	330		
Benzo(a)pyrene	ug/kg dw	330	3620	90/80 %
Benzofluoranthene	ug/kg dw	330		
Chrysene + Benzo(e)anthracene	ug/kg dw	330		
Fluorene	ug/kg dw	330		
Indeno(1,2,3-cd)pyrene+Dibenzo(a,h)anthracene	ug/kg dw	330	2690	38-117 %
Naphthalene	ug/kg dw	330	2650	87/86 %
Phenanthrene + Anthracene	ug/kg dw	330	2650	29-111 %
Pyrene	ug/kg dw	330	3280	80/78 %
1-Methylnaphthalene	ug/kg dw	330		
2-Methylnaphthalene	ug/kg dw	330		
Surrogate - 2-Fluorobiphenyl	ug/kg dw	330	3620	98/108 %
Dilution factor			84 %	75 %
Date Extracted			08.23.95	
Date Analyzed			08.04.95	
Batch ID			0823A	
Instrument ID			SGC8	
Diesel Range Organics (B100M)				
Hydrocarbons as DFO				
Surrogate - OTP				
Dilution factor				

SSHAA13WK1

Date Analyzed
Batch ID
Instrument ID

08/08/05
08231
SG08

08/08/05
08231
SG08