0308162

02555

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

01A Field Sample # FCS-SP10-10 Date: 8/7/03

Stage/Zone: 2/1 Time: ~~806~~ DEW 906

Site # FCS-SP10

Location Description: FCS

Probe Type: GP Probe/Port Depth: 10 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

(Asphalt) Cement (Cobbles) Soil Vegetation Other:

Bulb number: 33642 Humidity: NA (%)

Sampling Flow Rate: 100 (ml/min) Air Temperature (°C): NA

Sample Time (start): DEW ~~804~~ 904 Weather: Sunny WARM

Time (end): DEW ~~806~~ 906 Barometric Pressure (mmHg): NA

Volume Purged (mls): 500 ml Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Summa Canister 33642 INITIAL VAC 30" Hg

SET Probe tip at 839

20 X 0.6/ft = 12 cc

150 X 1 + 12 = 162

$\frac{162 cc}{100 cc/min}$ = 1.62 X 3 = 4.86 min

Purge Start time 859

TO-14 A

mw 8/9/03

0.5" Hg

Date/Time: 8/7/03 / 806 Samples Taken By:

Date/Time: 1655 / 8/7/03 Relinquished By:

Date/Time: 1655 / 8/7/03 Received By:

Date/Time: 8/7/03 / 1715 Relinquished By:

Date/Time: 8/7/03 / 1715 Received For Lab By:

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02556

02A Field Sample # FCS-SP10-10 Date: 8/7/03

Stage/Zone: 2/1 Time: 915

Site # 2/1 FCS-SP10

Location Description: FCS

Probe Type: GP Probe/Port Depth: 10 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles DEW Soil Vegetation Other:

Bulb number: 34096 Humidity: NA (%)

Sampling Flow Rate: (ml/min) Air Temperature (°C): NA

Sample Time (start): 913 Weather: Sunny Warm

Time (end): 915 Barometric Pressure (mmHg): NA

Volume Purged (mls): 500 mL Thermocouple Temperature (°C): NA

Bulb Volume (mls): 100 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

20 x 0.6 cc/ft = 12cc

150 x 1 = 150 + 12cc = 162

$\frac{162}{100}$ = 1.62 x 3 = 4.86

Purge Start at 908

mw 8/9/03
1.0"Hg

TO-14A

Date/Time: 8/7/03 / 915 Samples Taken By:

Date/Time: 8/7/03 / 1655 Relinquished By:

Date/Time: 8/7/03 / 1655 Received By:

Date/Time: 8/7/03 / 1715 Relinquished By:

Date/Time: 8/7/03 / 1715 Received For Lab By: Nicole L Salerno ATC

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02557

03A Field Sample # AJLA-SP05-5 Date: 8/7/03

Stage/Zone: Time: 1015

Site # AJLA

Location Description: AJLA

Probe Type: GP Probe/Port Depth: 5 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: 33649 Humidity: NA (%)

Sampling Flow Rate: (ml/min) Air Temperature (°C): NA

Sample Time (start): ~~1043~~ 1013 Weather: Sunny Warm

Time (end): 1015 Barometric Pressure (mmHg): NA

Volume Purged (mls): 500 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC >25" Hg

15 X 0.6 = 9

150 X 1 + 9 cc = 159

$\frac{159}{100}$ = 1.59 x 3 = 4.77 min

Probe at Depth 10.03

mw 8/9/03

0.5" Hg

TO-14A

Date/Time: 8/7/03 / 1015 Samples Taken By:

Date/Time: 8/7/03 / 1655 Relinquished By:

Date/Time: 8/7/03 / 1655 Received By:

Date/Time: 8/7/03 / 1715 Relinquished By:

Date/Time: 8/7/03 / 1715 Received For Lab By: Michael LaBarge AIR

0308162

02558

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

04A Field Sample # 35D-SP29-5

Date: 8/7/03

Stage/Zone:

Time: ~~1105~~ 1110

Site # 35D

Location Description: 35D-SP29

Probe Type: GP

Probe/Port Depth: 5 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: 12803

Humidity: NA (%)

Sampling Flow Rate: (ml/min)

Air Temperature (°C): NA

Sample Time (start): ~~1105~~ 1110

Weather: Sunny Warm

Time (end): ~~1105~~ 1110

Barometric Pressure (mmHg): NA

Volume Purged (mls): 500

Thermocouple Temperature (°C): NA

Bulb Volume (mls): 100

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Probe @ 5' 1053

Initial VAC >25" Hg

15 x 0.6 = 9

150 x 1 + 9 = 159

$\frac{159}{100}$ = 1.59 x 3 = 4.77 min

mw 8/7/03

1.5" Hg

TO-14A

Date/Time: 8/7/03 / ~~1105~~ 1110

Samples Taken By:

Date/Time: 8/7/03 / 1655

Relinquished By:

Date/Time: 8/7/03 / 1655

Received By:

Date/Time: 8/7/03 / 1715

Relinquished By:

Date/Time: 8/7/03 / 1715

Received For Lab By: Nicole L Salerno

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02559

OSA Field Sample # 35D-SP20-5 Date: 8/7/03

Stage/Zone: Time: 1146

Site # 35D

Location Description:

Probe Type: GP Probe/Port Depth: 5 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil Vegetation Other:

Bulb number: 24390 Humidity: NA (%)

Sampling Flow Rate: (ml/min) Air Temperature (°C): NA

Sample Time (start): 1144 Weather: Sunny WARM

Time (end): 1146 Barometric Pressure (mmHg): NA

Volume Purged (mls): ~~1000~~ 900 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

15 X 16 = 9

150 X 1.9 = 159

$\frac{159}{100}$ = 1.59 X 3 = 4.77 min

Probe at 5' @ 1126

mm 8/19/03

TO-14A

Date/Time: 8/7/03 / 1146 Samples Taken By:

Date/Time: 8/7/03 / 1655 Relinquished By:

Date/Time: 8/7/03 / 1655 Received By:

Date/Time: 8/7/03 / 1715 Relinquished By:

Date/Time: 8/7/03 / 1715 Received For Lab By: Nicole Kalenga

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02560

06A Field Sample # 38D-SP25-5

Date: 8/7/03

Stage/Zone:

Time: 1724

Site # 38D

Location Description:

Probe Type: GP

Probe/Port Depth: 5 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Dew

Bulb number: 34145

Humidity: NA (%)

Sampling Flow Rate: (ml/min)

Air Temperature (°C): NA

Sample Time (start): 1724

Weather: WARM SUNNY

Time (end): 1724

Barometric Pressure (mmHg): NA

Volume Purged (mls): 500

Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC > 25" Hg

15 X 0.6 = 9

150 X 1 + 9 = 159

$\frac{159}{100}$ = 1.59 X 3 = 4.77 MIN

Probe at Depth @ 1204

mm 8/9/03

2.5" Hg

TO-14A

Date/Time: 8/7/03 / 1724

Samples Taken By:

Date/Time: 8/7/03 / 1655

Relinquished By:

Date/Time: 8/7/03 / 1653

Received By:

Date/Time: 8/7/03 / 1715

Relinquished By:

Date/Time: 8/7/03 / 1715

Received For Lab By: Michael Lorenzo AZ

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02561

07A Field Sample # 38D-TB8703 Date: 8/7/03

Stage/Zone: Time: 1250

Site # 38D

Location Description: 38 D Equipment Blank

Probe Type: Probe/Port Depth: NA (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: 33734 Humidity: NA (%)

Sampling Flow Rate: (ml/min) Air Temperature (°C): NA

Sample Time (start): 1248 Weather: Sunny Warm

Time (end): 1250 Barometric Pressure (mmHg): NA

Volume Purged (mls): 500 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 100 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC 29"

15 x .06 = 9

160 + 9 = 159

$\frac{159}{100}$ = 1.59 x 3 = 4.77 min

mm 8/9/03

6.0" Hg

TO-14A

Date/Time: 8/7/03 / 1250 Samples Taken By:

Date/Time: 8/7/03 / 1655 Relinquished By:

Date/Time: 8/7/03 / 1655 Received By:

Date/Time: 8/7/03 / 1715 Relinquished By:

Date/Time: 8/7/03 / 1715 Received For Lab By:

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02562

08A Field Sample # 38D-SP23-5 Date: 8/7/03

Stage/Zone: Time: 1308

Site # 38D

Location Description: 38D

Probe Type: GP Probe/Port Depth: 5 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

(Asphalt) Cement Cobbles Soil Vegetation Other:

Bulb number: 34153 Humidity: NA (%)

Sampling Flow Rate: (ml/min) Air Temperature (°C): NA

Sample Time (start): 1306 Weather: SUNNY WARM

Time (end): 1308 Barometric Pressure (mmHg): NA

Volume Purged (mls): 500 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC 29" Hg

15 x 0.6 = 9

150 + 9 = 159

$\frac{159}{100}$ = 1.59 x 3 = 4.77

Probe at Depth @ 1248

Start purge 1301

mod/high

2.0"/hr

Date/Time: 8/7/03 / 1308 Samples Taken By:

Date/Time: 8/7/03 / 1655 Relinquished By:

Date/Time: 8/7/03 / 1655 Received By:

Date/Time: 8/7/03 / 1715 Relinquished By:

Date/Time: 8/7/03 / 1715 Received For Lab By: Donna L Dalenga

0308162

02563

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

09A

Field Sample # 36D-SP18-5 Date: 8/7/03

Stage/Zone: Time: 1404

Site # 36D

Location Description:

Probe Type: GP Probe/Port Depth: 5 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

(Asphalt) Cement Cobbles Soil Vegetation Other:

Bulb number: 31798 Humidity: NA (%)

Sampling Flow Rate: (ml/min) Air Temperature (°C): NA

Sample Time (start): 1402 Weather: Sunny WARM

Time (end): 1404 Barometric Pressure (mmHg): NA

Volume Purged (mls): 500 mL Thermocouple Temperature (°C): NA

Bulb Volume (mls): 100 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

INITIAL VAC = 27" Hg

15 X 0.6 = 9

150X1 +9 = 159

$\frac{159}{100}$ = 1.59 X3 = 4.77 MIN

Probe at Depth at 1347

Begin Purge at 1357

TO-14A

Date/Time: 8/7/03 / 1404 Samples Taken By:

Date/Time: 8/7/03 / 1655 Relinquished By:

Date/Time: 8/7/03 / 1653 Received By:

Date/Time: 8/7/03 / 1715 Relinquished By:

Date/Time: 8/7/03 / 1715 Received For Lab By: Michael Zdolsnov ATL

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02564

10A

Field Sample # 34D-SP08-5

Date: 8/7/03

Stage/Zone:

Time: 1437

Site # 34D

Location Description: 34D

Probe Type: GP

Probe/Port Depth: (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: 34150

Humidity: NA (%)

Sampling Flow Rate: (ml/min)

Air Temperature (°C): NA

Sample Time (start): 1435

Weather: Sunny Warm

Time (end): 1437

Barometric Pressure (mmHg): NA

Volume Purged (mls): 500

Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC 25.5" Hg

15 x 1 = 9

150 x 1 + 9 = 159

$\frac{159}{100}$ = 1.59 x 3 = 4.77

Probe at Depth At 1420

Start purge @ 1430

1.5" HTP

TO-14A

Date/Time: 8/7/03 / 1437

Samples Taken By:

Date/Time: 8/7/03 / 1655

Relinquished By:

Date/Time: 8/7/03 / 1655

Received By:

Date/Time: 8/7/03 / 1715

Relinquished By:

Date/Time: 8/7/03 / 1715

Received For Lab By:

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02565

11A

Field Sample # 33D-SP05-5

Date: 8/7/03

Stage/Zone:

Time: 1514

Site # 33D

Location Description:

Probe Type: GP

Probe/Port Depth: 5 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil Vegetation Other:

Bulb number: 34161

Humidity: NA (%)

Sampling Flow Rate: (ml/min)

Air Temperature (°C): NA

Sample Time (start): 1512

Weather: Sunny WARM

Time (end): 1514

Barometric Pressure (mmHg): NA

Volume Purged (mls): 500

Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC = 28.5" Hg

15 x 0.6 = 9

150 x 1 + 9 = 159

$\frac{159}{100}$ = 1.59 x 3 = 4.77 Min

Probe at Depth at 1457

Start purge @ 1507

1.0" Hg/1.17

TO-14A

Date/Time: 8/7/03 / 1514

Samples Taken By:

Date/Time: 8/7/03 / 1655

Relinquished By:

Date/Time: 8/7/03 / 1655

Received By:

Date/Time: 8/7/03 / 1715

Relinquished By:

Date/Time: 8/7/03 / 1715

Received For Lab By: Nicole Valenzuela

0308162

02566

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

12A

Field Sample # 39D-SP05-5

Date: 8/7/03

Stage/Zone:

Time: 1557

Site # 39D

Location Description:

Probe Type: GP

Probe/Port Depth: 5' (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: 34091

Humidity: NA (%)

Sampling Flow Rate: (ml/min)

Air Temperature (°C): NA

Sample Time (start): 1555

Weather: Sunny Warm

Time (end): 1557

Barometric Pressure (mmHg): NA

Volume Purged (mls): 500

Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC 27" Hg

15 X 0.6 = 9

150 X 1 + 9 = 159

$\frac{159}{100}$ = 1.59 X 3 = 4.77

Probe set at 1535

Start pulse at 1550

TO-14A

1.0" Hg max 8/19/03

Date/Time: 8/7/03 / 1557

Samples Taken By:

Date/Time: 8/7/03 / 1655

Relinquished By:

Date/Time: 8/7/03 / 1655

Received By:

Date/Time: 8/7/03 / 1715

Relinquished By:

Date/Time: 8/7/03 / 1715

Received For Lab By: Nicole L. Nalezny Atc.

0308162

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02567

13A

Field Sample # C10-SV04-17

Date: 8/7/03

Stage/Zone:

Time: 1651

Site # C10

Location Description:

Probe Type:

Probe/Port Depth: 17 (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS):

Surface Conditions (circle one):

Asphalt Cement Cobbles (Soil) Vegetation Other:

Bulb number: 12366

Humidity: NA (%)

Sampling Flow Rate: (ml/min)

Air Temperature (°C): NA

Sample Time (start): 1649

Weather: SUNNY HOT

Time (end): 1651

Barometric Pressure (mmHg): NA

Volume Purged (mls): 500

Thermocouple Temperature (°C): NA

Bulb Volume (mls): 1000

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

Initial VAC = 28.5

30 x 0.6 = 18

150 x 1 + 18 = 168

$\frac{168}{100} = 1.68 \times 3 = 5.04$ min

Probe set at 1634

Started purge at 1644

25.0" Hg mw 8/14/03

TO-14A

Date/Time: 8/7/03 1651

Date/Time: 8/7/03 1655

Date/Time: 8/7/03 1655

Date/Time: 8/7/03 1715

Date/Time: 8/7/03 1715

Samples Taken By:

Relinquished By:

Received By:

Relinquished By:

Received For Lab By: Michelle Kalabonga ATL