0307108

01596

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

01A Field Sample # FCS-SP16-10 Date: 7/8/03

Stage/Zone: 2/1 Time: 0910

Site # FCS-SP16

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: AAL-064 Humidity: NA (%)

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

Sample Time (start): 0905 Weather: Sunny, warm

Time (end): 0910 Barometric Pressure (mmHg): NA

Volume Purged (mls): 486 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

20ft × 0.6cc/ft = 12cc

150 × 1 + 12 = 162

$\frac{162}{100}$ = 1.62 × 3 = 4.86 min

TO-14A

MLW 7/10/03 0.5 Hg

Date/Time: 7/8/03 / 0910 Samples Taken By: Kristina Williams

Date/Time: 7/9/03 / 0845 Relinquished By: Kristina Williams

Date/Time: 7/9/03 / 0845 Received By: [signature]

Date/Time: 7/9/03 / 1095 Relinquished By: [signature]

Date/Time: 7/9/03 / 1035 Received For Lab By: Tayr Bachal ATL

0807168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

01507

02A Field Sample # FCS-SP16-20 Date: 7/8/03

Stage/Zone: 2/1 Time: 0933

Site # FCS-SP16

Location Description: FCS

Probe Type: GP Probe/Port Depth: 20 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil Vegetation Other:

Bulb number: AAL-033 Humidity: NA (%)

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

Sample Time (start): 0927 Weather: SUNNY, WARM

Time (end): 0933 Barometric Pressure (mmHg): NA

Volume Purged (mls): 516 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

36 ft x 0.6 cc/ft = 21.6 cc

150 x 1 + 21.6 cc = 171.6

$\frac{172}{100}$ = 1.72 x 3 = 5.16 min

TO-14A

Date/Time: 07/08/03 0933 Samples Taken By: Krystina Williams

Date/Time: 07/09/03 0845 Relinquished By: Krystina Williams

Date/Time: 7/9/03 0845 Received By:

Date/Time: 7/9/03 1055 Relinquished By:

Date/Time: 7/9/03 1055 Received For Lab By: Tonya Powell ATL

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

01598

03A Field Sample # FCS-SP17-10 Date: 7/8/03

Stage/Zone: 2/1 Time: 1035

Site # FCS-SP17

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: AAL-025 Humidity: NA (%)

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

Sample Time (start): 1030 Weather: Sunny, warm

Time (end): 1035 Barometric Pressure (mmHg): NA

Volume Purged (mls): 486 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

20ft x 0.6 cc/ft = 12cc

150 x 1 + 12 = 162

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

TO-14A

Date/Time: 07/08/03 / 1035 Samples Taken By: [signature] Williams

Date/Time: 07/09/03 / 0845 Relinquished By: [signature] Williams

Date/Time: 7/9/03 / 0845 Received By: [signature]

Date/Time: 7/9/03 / 1030 Relinquished By: [signature]

Date/Time: 7/9/03 / 1035 Received For Lab By: [signature] ATL

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02401

04A Field Sample # FCS-SP17-20 Date: 7/8/03

Stage/Zone: 2/1 Time: 1059

Site # FCS-SP17

Location Description: FCS

Probe Type: GP Probe/Port Depth: 20 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: AAL-050 Humidity: NA (%)

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

Sample Time (start): 1053 Weather: Sunny, hot

Time (end): 1059 Barometric Pressure (mmHg): NA

Volume Purged (mls): 516 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

36 x 0.6 = 21.6

150 x 1 + 21.6 = 171.6

$\frac{171.6}{100}$ = 1.72 x 3 = 5.16 min

TO-14A

Date/Time: 7/8/03 / 1059 Samples Taken By: Kristina Williams

Date/Time: 7/9/03 / 0845 Relinquished By: Kristina Williams

Date/Time: 7/9/03 / 0845 Received By: [illegible]

Date/Time: 7/9/03 / 1035 Relinquished By: [illegible]

Date/Time: 7/9/03 / 1030 Received For Lab By: [illegible]

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02402

OSA Field Sample # FCS-SP11-10 Date: 7/8/03

Stage/Zone: 2/1 Time: 1155

Site # FCS-SP11-

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: AAL-001 Humidity: NA (%)

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

Sample Time (start): 1150 Weather: Sunny, hot

Time (end): 1155 Barometric Pressure (mmHg): NA

Volume Purged (mls): 486 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

20 ft × 0.6 cc/ft = 12 cc

150 cc × 1 + 12 cc = 162 cc

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

TO-14A

Date/Time: 07/8/03 / 1155 Samples Taken By: Krystina Williams

Date/Time: 7/9/03 / 0845 Relinquished By: Krystina Williams

Date/Time: 7/9/03 / 0845 Received By: [signature]

Date/Time: 7/9/03 / 1035 Relinquished By: [signature]

Date/Time: 7/9/03 / 1035 Received For Lab By: [signature] ATL

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02403

CCA Field Sample # FCS-SP11-20 Date: 7/8/03

Stage/Zone: 2/1 Time: 1217

Site # FCS-SP11

Location Description: FCS

Probe Type: GP Probe/Port Depth: 20 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil Vegetation Other:

Bulb number: AAL-028 Humidity: NA (%)

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

Sample Time (start): 1212 Weather: Sunny, hot

Time (end): 1217 Barometric Pressure (mmHg): NA

Volume Purged (mls): 516 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

36 ft x 0.6 cc/ft = 21.6 cc

150 cc x 1 + 21.6 cc = 171.6 cc

171.6 cc / 100 cc/min = 1.72 min x 3 = 5.16 min

TO-14A

Date/Time: 07/8/03 / 1217 Samples Taken By: Kristina Williams

Date/Time: 7/9/03 / 0845 Relinquished By: Kristina Williams

Date/Time: 7/9/03 / 0845 Received By:

Date/Time: 7/9/03 / 1135 Relinquished By:

Date/Time: 7/9/03 / 1245 Received For Lab By: Tony Pickel ATL

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02404

07A

Field Sample # FCS SP07-10

Date: 7/8/03

Stage/Zone: 2/1

Time: 1302

Site # FCS-SP07

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: AAL-073

Humidity: NA (%)

Sampling Flow Rate: 100 (ml/min)

Air Temperature (°C): NA

Sample Time (start): 1256

Weather: Sunny hot

Time (end): 1302

Barometric Pressure (mmHg): NA

Volume Purged (mls): 486

Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

20ft X 0.6 cc/ft = 12cc

150 X 1 + 12 = 162cc

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

TO-14A

[illegible]

1.5 [illegible]

Date/Time: 7/8/03 / 1302

Date/Time: 7/9/03 / 0845

Date/Time: 7/9/03 / 0845

Date/Time: 7/9/03 / 1035

Date/Time: 7/9/03 / 1035

Samples Taken By: [signature]

Relinquished By: [signature]

Received By: [signature]

Relinquished By: [signature]

Received For Lab By: [signature]

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02405

CBA Field Sample # FCS-SP07-20 Date: 7/8/03

Stage/Zone: 2/1 Time: 1325

Site # FCS-SP07

Location Description: FCS

Probe Type: GP Probe/Port Depth: 20 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: AAL-042 Humidity: NA (%)

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

Sample Time (start): 1320 Weather: hot Sunny

Time (end): 1325 Barometric Pressure (mmHg): NA

Volume Purged (mls): 516 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

36 × 0.6 = 21.6

150 × 1 + 21.6 = 171.6 ≈ 172

$\frac{172}{100}$ = 1.72 min × 3 = 5.16 min

TO-14A

Date/Time: 7/8/03 / 1325 Samples Taken By: Kristina Williams

Date/Time: 07/09/03 / 0845 Relinquished By: Kristina Williams

Date/Time: 7/9/03 / 0845 Received By: [illegible]

Date/Time: 7/9/03 / 1035 Relinquished By: [illegible]

Date/Time: 7/9/03 / 1035 Received For Lab By: [illegible]

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02406

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

Stage/Zone: Z/1 Time: 1420

Site # FCS-SP-10

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: AAL-043 Humidity: NA (%)

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

Sample Time (start): 1415 Weather: HOT SUN

Time (end): 1420 Barometric Pressure (mmHg): NA

Volume Purged (mls): 486 Thermocouple Temperature (°C): NA

Bulb Volume (mls): 150 Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

20 ft x 0.6 cc/ft = 12 cc

150 x 1 + 12 = 162 cc

162 cc / 100 cc/min 1.62 min x 3 = 4.86 min

TO-14A

Date/Time: 7/8/03, 1420 Samples Taken By: Kristina Williams

Date/Time: 7/9/03, 0845 Relinquished By: Kristina Williams

Date/Time: 7/9/03, 0845 Received By:

Date/Time: 7/9/03, 1035 Relinquished By:

Date/Time: 7/9/03, 1035 Received For Lab By: Tony [illegible] ATL

0307168

SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02407

10A

Field Sample # FCS-SP10-20

Date: 7/8/03

Stage/Zone: 2/1

Time: 1447

Site # FCS-SP10

Location Description: FCS

Probe Type: GP

Probe/Port Depth: 20 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: AA-02A

Sampling Flow Rate: 100 (ml/min)

Sample Time (start): 1437

Time (end): 1447

Volume Purged (mls): 966

Bulb Volume (mls): 150

Humidity: NA (%)

Air Temperature (°C): NA

Weather: sunny hot

Barometric Pressure (mmHg): NA

Thermocouple Temperature (°C): NA

Thermocouple Location: NA

Thermocouple Depth: NA

REMARKS/COMMENTS:

36 x 0.6 = 21.6

150 x 2 = 300 + 21.6 = 321.6 ≈ 322

$\frac{322}{100}$ = 3.22 x 3 = 9.66 min

TO-14A

Date/Time: 07/08/03 1447

Date/Time: 07/09/03 / 0845

Date/Time: 7/9/03 / 0845

Date/Time: 7/9/03 / 0845

Date/Time: 7/9/03 / 1035

Samples Taken By: Kristina Williams

Relinquished By: Kristina Williams

Received By:

Relinquished By:

Received For Lab By: Tayl