0307209

02461

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

01A

Field Sample # 35D-SP28-10

Date: 7/15/03

Stage/Zone:

Time: 806

Site # 35D

Location Description: 35D IN AREA 49

Probe Type: GEOPROBE

Probe/Port Depth: 10 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: 9321

Humidity: N/A (%)

Sampling Flow Rate: 100 (ml/min)

Air Temperature (°C): N/A

Sample Time (start): 801

Weather: HOT

Time (end): 806

Barometric Pressure (mmHg): N/A

Volume Purged (mls): 493.2

Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000

Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

22' x 0.6 = 13.2cc + 2' x 0.6 = 14.4cc + 150cc = 164.4cc

164.4cc x 3 = 493.2cc / 100 cc/min = 4.93 min PURGE

MLW 7/17/03

D.O.H.

SUMA INITIAL PRESSURE = -49" Hg

Date/Time: 7/15/03 / 806

Samples Taken By:

Date/Time: 7/15/03 / 1517

Relinquished By:

Date/Time: 7/15/03 / 1517

Received By: Colorado AIL

Date/Time: / 

Relinquished By:

Date/Time: /

Received For Lab By:

0307299

02463

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02A

Field Sample # 35D-SP27-10

Date: 7/15/03

Stage/Zone:

Time: 920

Site # 35D

Location Description: 35D IN AREA 49

Probe Type: GEOPROBE

Probe/Port Depth: 10 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other:

Bulb number: 9497

Humidity: N/A (%)

Sampling Flow Rate: 100 (ml/min)

Air Temperature (°C): N/A

Sample Time (start): ~~910~~ 915

Weather: HOT

Time (end): 920

Barometric Pressure (mmHg): N/A

Volume Purged (mls): 493.2

Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000

Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

22' X 0.6 = 13.2cc + 2' X 0.6 = 14.4cc + 150cc = 164.4cc

164.4cc X 3 = 493.2cc / 100 cc/min = 4.93 min PURGE

mw 7/16/03

1.0" Hg

SUMA INITIAL PRESSURE = -49" Hg

Date/Time: 7/15/03 / 920

Samples Taken By:

Date/Time: 7/15/03 / 1517

Relinquished By:

Date/Time: 7/15/03 / 1517

Received By: Oscar Granado ATL

Date/Time: / 

Relinquished By:

Date/Time: /

Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02464

03A Field Sample # 35D-SP27-20 Date: 7/15/03

Stage/Zone: Time: 944

Site # 35D

Location Description: 35D IN AREA 49

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

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

(Asphalt) Cement Cobbles Soil Vegetation Other:

Bulb number: 94916 Humidity: N/A (%)

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

Sample Time (start): 939 Weather: HOT

Time (end): 944 Barometric Pressure (mmHg): N/A

Volume Purged (mls): ~~544~~ 511.2cc Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

32' x 0.6 = 19.2cc + 2' x 0.6 = 20.4cc + 150cc = 170.4cc

170.4cc x 3 = 511.2 cc / 100 cc/min = 5.112 min PURGE

mcw 7/17/03

1.0 Hg

Date/Time: 7/15/03 / 944 Samples Taken By: [signature]

Date/Time: 7/15/03 / 1517 Relinquished By: [signature]

Date/Time: 7/15/03 1517 Received By: [signature] ATL

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02465

04A Field Sample # 38D-SP20-10 Date: 7/15/03

Stage/Zone: Time: 1033

Site # 38D

Location Description: 38D IN AREA 49

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

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: 9472 Humidity: N/A (%)

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

Sample Time (start): 1028 Weather: HOT

Time (end): 1033 Barometric Pressure (mmHg): N/A

Volume Purged (mls): 493.2 Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

22' x 0.6 = 13.2cc + 2' x 0.6 = 14.4cc + 150cc = 164.4cc

164.4cc x 3 = 493.2cc / 100cc/min = 4.932 min PURGE

MW 7/14

1.0 "Hg

INITIAL SUMA PRESS = < -30" Hg

Date/Time: 7/15/03, 1033 Samples Taken By: [signature]

Date/Time: 7/15/03, 1517 Relinquished By: [signature]

Date/Time: 7/15/03 1517 Received By: [signature] ATC

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02466

05A Field Sample # 38D-SP20-20 Date: 7/15/03

Stage/Zone: Time: 1100

Site # 38D

Location Description: 38D IN AREA 49

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

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: 9493 Humidity: N/A (%)

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

Sample Time (start): 1053 Weather: HOT

Time (end): 1100 Barometric Pressure (mmHg): N/A

Volume Purged (mls): Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

12'×0.6 = 14.2cc + 2'×0.6 = 20.4cc + 150cc = 170.4cc

170.4cc × 3 = 511.2cc / 75cc/min = 6.8 min PURGE

manifolds 12.5"Hg

INITIAL SUMA PRESS = <-30"Hg

Date/Time: 7/15/03 / 1100 Samples Taken By:

Date/Time: 7/15/03 / 1517 Relinquished By:

Date/Time: 7/15/03 / 1517 Received By: ATL

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02467

06A Field Sample # 38D-SP21-10 Date: 7/15/03

Stage/Zone: Time: 1142

Site # 38D

Location Description: 38D IN AREA 49

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

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: 9477 Humidity: N/A (%)

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

Sample Time (start): 1137 Weather: HOT

Time (end): 1142 Barometric Pressure (mmHg): N/A

Volume Purged (mls): 493.2 Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

22'×0.6 = 13.2cc + 2'×0.6 = 14.4cc + 150cc = 164.4cc

164.4cc × 3 = 493.2cc / 100cc/min = 4.9min PURGE

MW × 19
1.0" HY

INITIAL SUMA PRESSURE: -30" Hg

Date/Time: 7/15/03 / 1142 Samples Taken By: [signature]

Date/Time: 7/15/03 / 1517 Relinquished By: [signature]

Date/Time: 7/15/03 / 1517 Received By: [signature] ATL

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

02468

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

07A

Field Sample # 38D-SP21D-10 Date: 7/15/03

Stage/Zone: Time: 1142

Site # 38D

Location Description: 38D IN AREA 49

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

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: Humidity: N/A (%)

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

Sample Time (start): 1137 Weather: HOT

Time (end): 1142 Barometric Pressure (mmHg): N/A

Volume Purged (mls): 493.2 Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

SEE CALC. ON COC #02467

FOR SAMPLE ID: 38D-SP21D-10

MLW 7/17

1.0"Hg

SUMA INITIAL PRESSURE: -28"Hg

Date/Time: 7/15/03 / 1142 Samples Taken By: [signature]

Date/Time: 7/15/03 / 1517 Relinquished By: [signature]

Date/Time: 7/15/03 1517 Received By: [signature] ATL

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02469

08A Field Sample # 38D-TB71503 Date: 7/15/03

Stage/Zone: Time: 1144

Site # 38D

Location Description: 38D IN AREA 49

Probe Type: ~~6 [illegible]~~ N/A Probe/Port Depth: N/A (ft)

Installation/Drilling Difficulty:

Soil Type at Collection Point (if known) (USCS): N/A

Surface Conditions (circle one):

Asphalt Cement Cobbles Soil Vegetation Other: N/A

Bulb number: 97105 Humidity: N/A (%)

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

Sample Time (start): 1142 Weather: HOT

Time (end): 1144 Barometric Pressure (mmHg): N/A

Volume Purged (mls): N/A Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

BLANK

MLW 7/17

1.0446

Date/Time: 7/15/03 1144 Samples Taken By: [signature]

Date/Time: 7/15/03 1517 Relinquished By: [signature]

Date/Time: 7/15/03 1517 Received By: [signature]

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02470

09A Field Sample # 38D-SB21-20 Date: 7/15/03

Stage/Zone: Time: 1232

Site # 38D

Location Description: 38D IN AREA 49

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

Installation/Drilling Difficulty:

Soil Type at Collection Point (If known) (USCS): COBBLES

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: 9481 Humidity: N/A (%)

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

Sample Time (start): 1227 Weather: HOT

Time (end): 1232 Barometric Pressure (mmHg): N/A

Volume Purged (mls): Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

32' x 0.6 = 19.2cc + 2' x 0.6 = 20.4cc + 150cc = 170.4cc

170.4cc x 3 = 511.2cc / 100cc/min = 5.1 min PURGE

mw 7/17
1.0 "Hg

INITIAL SUMA PRESSURE: <-30 "Hg

Date/Time: 7/15/03 / 1232 Samples Taken By:

Date/Time: 7/15/03 / 1517 Relinquished By:

Date/Time: 7/15/03 1517 Received By: Manado ATL

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02471

10A Field Sample # 38D-SP22-10 Date: 7/15/03

Stage/Zone: Time: 1311

Site # 38D

Location Description: 38D IN AREA 49

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

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: 94919 Humidity: N/A (%)

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

Sample Time (start): ~~1256~~ 1306 Weather: HOT

Time (end): 1311 Barometric Pressure (mmHg): N/A

Volume Purged (mls): 4932 Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

22' x 0.6 = 13.2cc 12' x 0.6 = 14.4cc + 150cc = 164.4cc

164.4cc x 3 = 4932cc / 1000cc/min = 4.9min purge

MLW 7/19
1.0 #6

INITIAL SUMA PRESSURE = <-30" Hg

Date/Time: 7/15/03 / 1311 Samples Taken By: [signature]

Date/Time: 7/15/03 / 1517 Relinquished By: [signature]

Date/Time: 7/15/03 1517 Received By: [signature] ATL

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02472

11A Field Sample # 38D-SP22-20 Date: 7/15/03

Stage/Zone: Time: 1332

Site # 38D

Location Description: 38D IN AREA 49

Probe Type: GEOPROBE Probe/Port Depth: 1 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

Asphalt Cement (Cobbles) Soil (Vegetation) Other:

Bulb number: 34154 Humidity: N/A (%)

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

Sample Time (start): 1327 Weather: HOT

Time (end): 1332 Barometric Pressure (mmHg): N/A

Volume Purged (mls): 511.2 Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000 Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

32' x 0.6 = 19.2cc + 2' x 0.6 = 20.4cc + 150cc = 170.4cc

170.4cc x 3 = 511.2cc / 100cc/min = 5.1 min PURGE

mm 7/15/03
1.5" Hg

Date/Time: 7/15/03 / 1332 Samples Taken By:

Date/Time: 7/15/03 / 1517 Relinquished By:

Date/Time: 7/15/03 1517 Received By: AT

Date/Time: / Relinquished By:

Date/Time: / Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02473

12A

Field Sample # ~~SB~~ 38D-SP25-10

Date: 7/15/03

Stage/Zone:

Time: 1409

Site # 38D

Location Description: 38D IN AREA 49

Probe Type: GEOPROBE

Probe/Port Depth: 10 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

(Asphalt) Cement Cobbles Soil Vegetation Other:

Bulb number: 34102

Humidity: N/A (%)

Sampling Flow Rate: 100 (ml/min)

Air Temperature (°C): N/A

Sample Time (start): 1404

Weather: HOT

Time (end): 1409

Barometric Pressure (mmHg): N/A

Volume Purged (mls): 493.2

Thermocouple Temperature (°C): N/A

Bulb Volume (mls): 1000

Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

22'×0.6 = 13.2cc + 2'×0.6 = 14.4cc + 150cc = 164.4cc

164.4cc × 3 = 493.2cc / 100 cc/min = 4.9min PURGE

mw 9/19/03
1.0" Hg

INITIAL SUMA PRESSURE <-30" Hg

Date/Time: 7/15/03 / 1409

Samples Taken By:

Date/Time: 7/15/03 / 1517

Relinquished By:

Date/Time: 7/15/03 / 1517

Received By: Delacurado ATL

Date/Time: / 

Relinquished By:

Date/Time: / 

Received For Lab By:

0307299

# SOIL VAPOR CHAIN-OF-CUSTODY AND FIELD DATA SHEET

02474

13A Field Sample # 38D ~~SP20~~ SP25-20

Date: 7/15/03

Stage/Zone:

Time: 1436

Site # 38D

Location Description: 38D IN AREA 49

Probe Type: GOOPROBE

Probe/Port Depth: 20 (ft)

Installation/Drilling Difficulty:

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

Surface Conditions (circle one):

(Asphalt) Cement Cobbles Soil Vegetation Other:

Bulb number: 30819

Sampling Flow Rate: 100 (ml/min)

Sample Time (start): 1431

Time (end): 1436

Volume Purged (mls): 511.2

Bulb Volume (mls): 1000

Humidity: N/A (%)

Air Temperature (°C): N/A

Weather: HOT

Barometric Pressure (mmHg): N/A

Thermocouple Temperature (°C): N/A

Thermocouple Location: N/A

Thermocouple Depth: N/A

REMARKS/COMMENTS:

32' x 0.6 = 19.2cc + 2' x 0.6 = 20.4cc + 150cc = 170.4cc

170.4cc X 3 = 511.2cc / 100cc/min = 5.1 min PURGE

mw 7/17

1.5 HTO

Date/Time: 7/15/03 / 1436

Date/Time: 7/15/03 / 1517

Date/Time: 7/15/03 1517

Date/Time: / 

Date/Time: / 

Samples Taken By: [signature]

Relinquished By: [signature]

Received By: [signature] ATL

Relinquished By:

Received For Lab By: