



June 7, 2013

Mr. Jacob Evans
Noble Energy, Inc.
1625 Broadway, Suite 2200
Denver, Colorado 80202

**Field Assessment and Soil Analytical Report
Dyer USX AB 35-67-1HN
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
Weld County, Colorado
API # 05-123-34772
Document # 2145128**

Dear Mr. Evans,

Eagle Environmental Consulting, Inc. (EAGLE) is pleased to present this Field Assessment and Soil Analytical Report to Noble Energy, Inc. (Noble) for the above referenced site.

1.0 SITE BACKGROUND

EAGLE was requested by Noble, to perform surface assessment activities at the Dyer USX AB 35-67-1HN battery pad site in response to potential soil impacts associated with a stand-up treater release. An oil mist was discovered coming from the stand-up treater during field operations and reported to Noble on May 29, 2013. Due to windy and rainy weather conditions that existed during the release, the oil mist covered sections of the battery pad and extended onto the Aurora Organic Dairy (AOD) farm property located south of the site. Upon discovery, an earthen berm was constructed on the southern side of the battery pad to contain any potentially impacted surface water from migrating offsite. The top one to three inches of soil covering the battery pad was also scraped with a backhoe and disposed of offsite. Scraping and soil disposal activities were completed by Ochoa Trucking.

On May 29, 2013, an AOD representative investigated the potential impacts on the adjacent AOD farm property and fenced off a section that could have been potentially impacted by the release. The fenced section encompassed approximately 64,000 square feet and was to be assessed by Noble's third party consultant.

Approximately 130 cubic yards of petroleum hydrocarbon impacted soil was removed from the Dyer USX AB 35-67-1HN battery pad on May 29, 2013 and disposed of at the North Weld Sanitary Landfill located in Ault, CO.

On May 30, 2013, EAGLE mobilized to site to assess any remaining adsorbed petroleum hydrocarbon impacts. When EAGLE arrived on site, a Noble subcontractor was cleaning off the battery pad equipment that had been impacted from the release. EAGLE collected soil samples (SS-1 through SS-5) from the west portion of the battery pad. Approximately 150 cubic yards of petroleum hydrocarbon impacted soil was removed from the site on May 30, 2013.

On May 31, 2013, EAGLE mobilized to site to collect perimeter surface soil samples (SSF-1 through SSF-32), foliage samples (FS-1 through FS-32), background arsenic surface soil samples (AR-1 and AR-2), and discreet surface soil samples (SSF-33 through SSF-37) from within the fenced section on the AOD farm property. EAGLE also continued to collect soil samples (SS-9 through SS-36) from the Dyer USX AB 35-67-1HN battery pad. Following collection of the discreet soil samples, the top one to two inches of soil within the fenced section on the AOD farm property was scraped with a grader. The scraped soil was stockpiled on the Dyer USX AB 35-67-1HN site for disposal on June 1, 2013. Approximately 50 cubic yards of soil was removed from the site on May 31, 2013.

Following scraping activities, EAGLE mobilized to site on June 1, 2013, to collect surface soil samples (AOSS-1 through AOSS-55) within the fenced section on the AOD farm property. EAGLE also collected the remaining soil samples (SS-6 through SS-8, and SS-37 through SS-45) from the Dyer USX AB 35-67-1HN battery pad. Approximately 240 cubic yards of petroleum hydrocarbon impacted soil was removed from the site on June 1, 2013.

On Monday, June 3, 2013, Ochoa Trucking removed the remaining soil that was scraped from the fenced section on the AOD farm property (approximately 110 cubic yards).

2.0 SITE DESCRIPTION

The Dyer USX AB 35-67-1HN site is located within the northeast quarter of the northeast quarter of Section 34, Township 7 north, Range 64 west of the 6th Prime Meridian. Based on records on file with the Colorado Oil and Gas Conservation Commission (COGCC), the Dyer USX AB 35-67-1HN well was completed to a total depth of 7,237 feet below ground surface (bgs). The well is located at latitude: 40.53601 and longitude -104.52772 in Weld County, Colorado. A site location map is included as Figure 1.

2.1 Site Hydrogeology

Based on field observations, soil conditions observed beneath the Dyer USX AB 35-67-1HN battery pad and within the fenced section on the AOD farm property consisted of a sandy silt from the surface to approximately 16 inches bgs.

3.0 SOIL SAMPLING PROCEDURES

3.1 Dyer USX AB 35-67-1HN Battery Pad

Soil samples obtained from the Dyer USX AB 35-67-1HN battery pad were collected on 50 foot centers within the previously scraped area. Depths of the collected soil samples ranged from one-inch bgs to 16 inches bgs.

A portion of each sample was placed in a sealable 1-gallon plastic bag, for volatile organic compound (VOC) headspace analysis utilizing a field calibrated photoionization detector (PID). The bag was sealed and labeled with the contents allowed to volatilize for approximately five to ten minutes. Another portion of the soil sample collected from the same location was placed in a laboratory supplied, 4-ounce, glass jar and sealed for laboratory analysis. Spatial location of each soil sample was recorded using a Trimble GeoXT 6000 series instrument. Following volatilization, the bagged sample was perforated with the probe of a field portable PID, using a 10.6 electron volt (eV) lamp, to measure the organic vapor concentration within the headspace. Organic vapor concentrations were recorded in parts per million by volume (ppm-v) for each sample. Observed PID values from the soil samples collected on the Dyer USX AB 35-67-1HN battery pad ranged from 0.0 to 357 ppm-v (SS-23@1" bgs). Photoionization detector

readings observed from the battery pad soil samples are summarized in Table 1. Soil sample locations are presented in Figure 2.

Based on PID readings, 45 soil samples (SS-1 through SS-45) were placed in an iced cooler for submittal to Origins Laboratory, Inc. located in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, total petroleum hydrocarbons – gasoline range organics (TPH-GRO), and total petroleum hydrocarbons – diesel range organics (TPH-DRO) following modified Environmental Protection Agency (EPA) Methods 8260C and 8015C.

3.2 Aurora Organic Dairy Farm Property

Perimeter soil and foliage samples (SSF-1 through SSF-32 and FS-1 through FS-32) were collected approximately 20 feet outside of the fenced section on the AOD farm property, to confirm impacts did not reach outside of the fenced area, on approximate 35-foot centers. Five discrete surface soil samples (SSF-33 through SSF-37) were collected within the fenced section of the AOD farm property to show the extent of impacts to the soil on the AOD property prior to scraping activities. Two additional background surface soil samples (AR-1 and AR-2) were collected approximately 40 feet outside of the fenced section on the AOD farm property for background arsenic analysis.

Following surface scraping activities within the fenced section on the AOD farm property, EAGLE collected 55 surface soil samples (AOSS-1 through AOSS-55) to confirm any potential petroleum hydrocarbon impacts had been removed. The soil samples were collected on 35-foot centers.

During soil and foliage sampling activities, a portion of each sample was placed in a sealable 1-gallon plastic bag, for VOC headspace analysis utilizing a field calibrated PID. The bag was sealed and labeled with the contents allowed to volatilize for approximately five to ten minutes. The other portion of the sample collected from the same location was placed in a laboratory supplied, 4-ounce, glass jar and sealed for laboratory analysis. Spatial location of each soil and foliage sample was also recorded using a Trimble GeoXT 6000 series instrument. Following volatilization, the bagged sample was perforated with the probe of a field portable PID, using a 10.6 eV lamp, to measure the organic vapor concentration within the headspace. Organic vapor concentrations were recorded in ppm-v for each sample. The observed PID values for the surface soil samples collected ranged from 0.0 to 4.9 ppm-v (SSF-24). The observed PID values for the foliage samples collected ranged from 0.0 to 21.1 ppm-v (FS-24). Photoionization detector readings for the AOD soil and foliage samples are summarized in Table 1.

Based on PID readings, 39 surface soil samples (SSF-1 through SSF-37, AR-1, and AR-2) and 32 foliage samples (FS-1 through FS-32) were placed in an iced cooler for submittal to eAnalytics Laboratory located in Loveland, Colorado. The surface soil and foliage samples were analyzed for BTEX, naphthalene, TPH-GRO, and TPH-DRO following modified EPA Methods 8260C and 8015C. The five discrete surface soil samples (SSF-33 through SSF-37) collected within the fenced section on the AOD farm property were also analyzed for arsenic following EPA Method 6010C. The two additional background surface soil samples (AR-1 and AR-2) were also submitted to eAnalytics laboratory for analysis of arsenic following EPA Method 6010C. Soil and foliage sample locations from outside and within the fenced section on the AOD farm property are presented in Figures 3 through 5.

4.0 SOIL ANALYTICAL RESULTS

4.1 Dyer USX AB 35-67-1HN Battery Pad

Based on laboratory analytical results, soil sample SS-28@3" contained a concentration of TPH-DRO exceeding the COGCC Table 910-1 regulatory limit of 500 milligrams per kilogram (mg/kg) with a concentration of 724 mg/kg. The remaining soil samples collected on the Dyer USX AB- 35-67-1HN site did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective COGCC Table 910-1 regulatory limits. Soil analytical results are summarized in Table 2 and presented in Figure 2. Soil laboratory analytical reports are included in Attachment A.

Due to the exceedance of TPH-DRO in soil sample SS-28@3", EAGLE mobilized to site on June 4, 2013 to supervise excavation activities in the area in and around where soil sample SS-28@3" was collected. Once soil removal activities were completed, EAGLE collected five soil samples (SS-28 SW-E@6", SS-28 SW-W@6", SS-28 SW-N@6", SS-28 SW-S@6", and SS-28 Floor@1'1") from the sidewalls and floor of the excavation for laboratory analysis of BTEX, naphthalene, TPH-GRO, and TPH-DRO following EPA Methods 8260C and 8015C. The excavated area was approximately 5 feet by 5 feet, with an approximate total depth (TD) of 13 inches. Approximately 1 cubic yard of soil was removed from the excavation and disposed of offsite.

Based on laboratory analytical results, the soil samples (SS-28 SW-E@6", SS-28 SW-W@6", SS-28 SW-N@6", SS-28 SW-S@6", and SS-28 Floor@1'1") collected within the area of SS-28 @3" did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective COGCC Table 910-1 regulatory limits. Soil analytical results are summarized in Table 2 and presented in Figure 6. The soil laboratory analytical reports are included in Attachment A.

4.2 Aurora Organic Dairy Farm Property

The surface soil samples and foliage samples collected outside of the fenced section on the AOD farm property did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective laboratory reporting limits or COGCC Table 910-1 regulatory limits. Soil analytical results are summarized in Tables 3 and 4 and presented in Figures 3 and 4. The soil laboratory analytical reports are included in Attachment A.

The two background arsenic surface soil samples (AR-1 and AR-2) and the five discreet surface soil samples (SSF-33 through SSF-37) contained concentrations of arsenic exceeding the COGCC Table 910-1 regulatory limit of 0.39 mg/kg with concentrations of 3.11 mg/kg, 2.64 mg/kg, 2.71 mg/kg, 3.09 mg/kg, 2.54 mg/kg, 3.75 mg/kg, and 1.62 mg/kg, respectively. The concentrations are within naturally occurring background levels of arsenic present on the AOD property. However, since the arsenic concentrations observed within the 7 soil samples were of similar magnitude, the observed arsenic does not appear to be associated with the release on the Dyer USX AB 35-67-1HN site.

Discreet soil sample, SS-34, contained a TPH-DRO concentration below the COGCC Table 910-1 regulatory limit of 500 mg/kg, with a concentration 122 mg/kg. The remaining discreet soil samples (SS-33, SS-35, SS-36, and SS-37) did not contain BTEX, naphthalene, TPH-GRO, or TPH-DRO concentrations exceeding their respective laboratory reporting limit or COGCC Table 910-1 regulatory limit. Soil analytical results are summarized in Table 3 and presented in Figure 3. The soil laboratory analytical reports are included in Attachment A.

The soil samples (AOSS-1 through AOSS-55) collected following scraping activities within the fenced section on the AOD farm property did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective laboratory reporting limits or COGCC Table 910-1 regulatory limits. Soil analytical results are summarized in Table 5 and presented in Figure 5. The soil laboratory analytical reports are included in Attachment A.

5.0 CONCLUSIONS

Based on the information collected during field assessment activities completed at the site from May 30, 2013 to June 4, 2013, EAGLE concludes the following:

- Soil samples (SS-1 through SS-27, and SS-29 through SS-45) collected from the Dyer USX AB 35-67-1HN battery pad did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective laboratory reporting limit or COGCC Table 910-1 regulatory limits.
- Soil sample SS-28@3" collected from the Dyer USX AB 35-67-1HN battery pad contained a concentration of TPH-DRO exceeding the COGCC Table 910-1 regulatory limit of 500 mg/kg with a concentration of 724 mg/kg.
- Soil samples (SS-28 SW-E@6", SS-28 SW-W@6", SS-28 SW-N@6", SS-28 SW-S@6", and SS-28 Floor@1'1") collected from the excavation at and around soil sample SS-28@3" did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective COGCC Table 910-1 regulatory limits.
- Surface soil samples (SSF-1 through SSF-37) and foliage samples (FS-1 through FS-32) collected outside of the fenced section on the AOD farm property did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective laboratory reporting limit or COGCC Table 910-1 regulatory limits.
- Background arsenic surface soil samples (AR-1 and AR-2) and the five discreet surface soil samples (SSF-33 through SSF-37) contained concentrations of arsenic exceeding the COGCC Table 910-1 regulatory limit of 0.39 mg/kg with concentrations of 3.11 mg/kg, 2.64 mg/kg, 2.71 mg/kg, 3.09 mg/kg, 2.54 mg/kg, 3.75 mg/kg, and 1.62 mg/kg, respectively. However, since the arsenic concentrations observed within the 7 soil samples were of similar magnitude of background samples, the observed arsenic is not associated with the release on the Dyer USX AB 35-67-1HN site.
- Discreet soil samples SS-33 through SS-37 collected prior to scraping activities, did not contain BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective COGCC Table 910-1 regulatory limits
- Soil samples (AOSS-1 through AOSS-55) collected following scraping activities within the fenced section on the AOD farm property, did not contain concentrations of BTEX, naphthalene, TPH-GRO, or TPH-DRO exceeding their respective laboratory reporting limit or COGCC Table 910-1 regulatory limits.
- Approximately 681 cubic yards of soil was removed from the site and disposed of at North Weld Sanitary Landfill, located in Ault, CO.

6.0 RECOMMENDATIONS

Based on the information presented in this report, EAGLE recommends the following:

- No Further Action appears warranted at the Dyer USX AB 35-67-1HN site at this time.

EAGLE sincerely appreciates the opportunity to provide our services. If you have any questions or require further information, please contact us at (303) 433-0479.

Sincerely,

EAGLE ENVIRONMENTAL CONSULTING, INC.

A handwritten signature in blue ink, appearing to read 'D. Coloccia'.

Daniel Coloccia
Project Scientist

A handwritten signature in blue ink, appearing to read 'M. Eckert III'.

Martin Eckert III
Senior Project Manager

FIGURES

Figure 1: Site Location Map

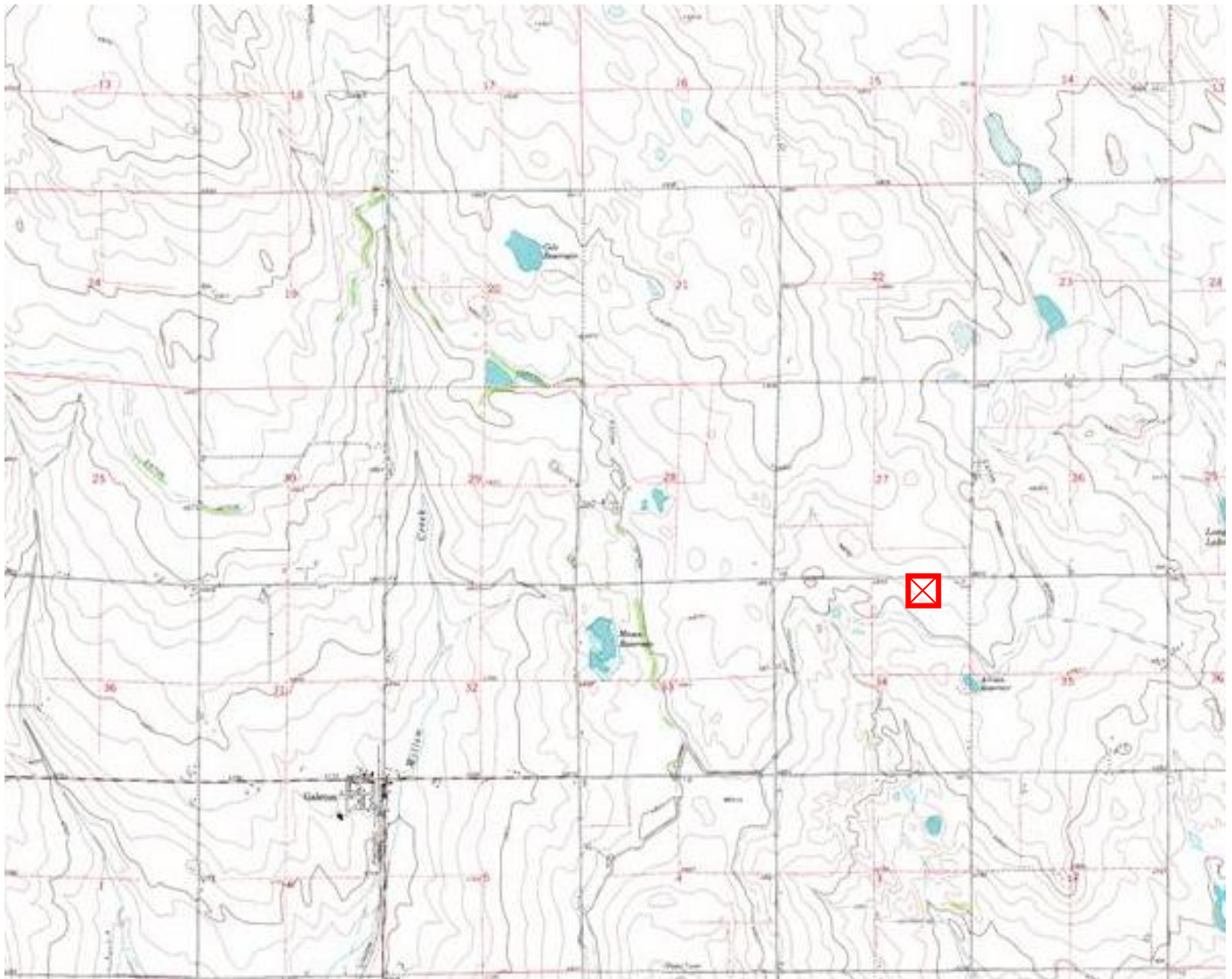
Figure 2: Soil Sample Location Map - Battery Pad (05/30/13 & 05/31/13 & 06/01/13)

Figure 3: Perimeter/Discreet Soil Sample Location Map – Aurora Organic Dairy Property (05/31/13)

Figure 4: Foliage Sample Location Map – Aurora Organic Dairy Property (05/31/13)

Figure 5: Soil Sample Location Map – Aurora Organic Dairy Property (06/01/13)

Figure 6: Soil Sample Location Map - SS-28 Excavation (06/04/13)



 APPROXIMATE LOCATION OF DYER USX AB 35-67-1HN TANK BATTERY

TOPOGRAPHIC MAP OBTAINED FROM LIBRE MAP PROJECT

GALETON, COLORADO QUADRANGLE UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES

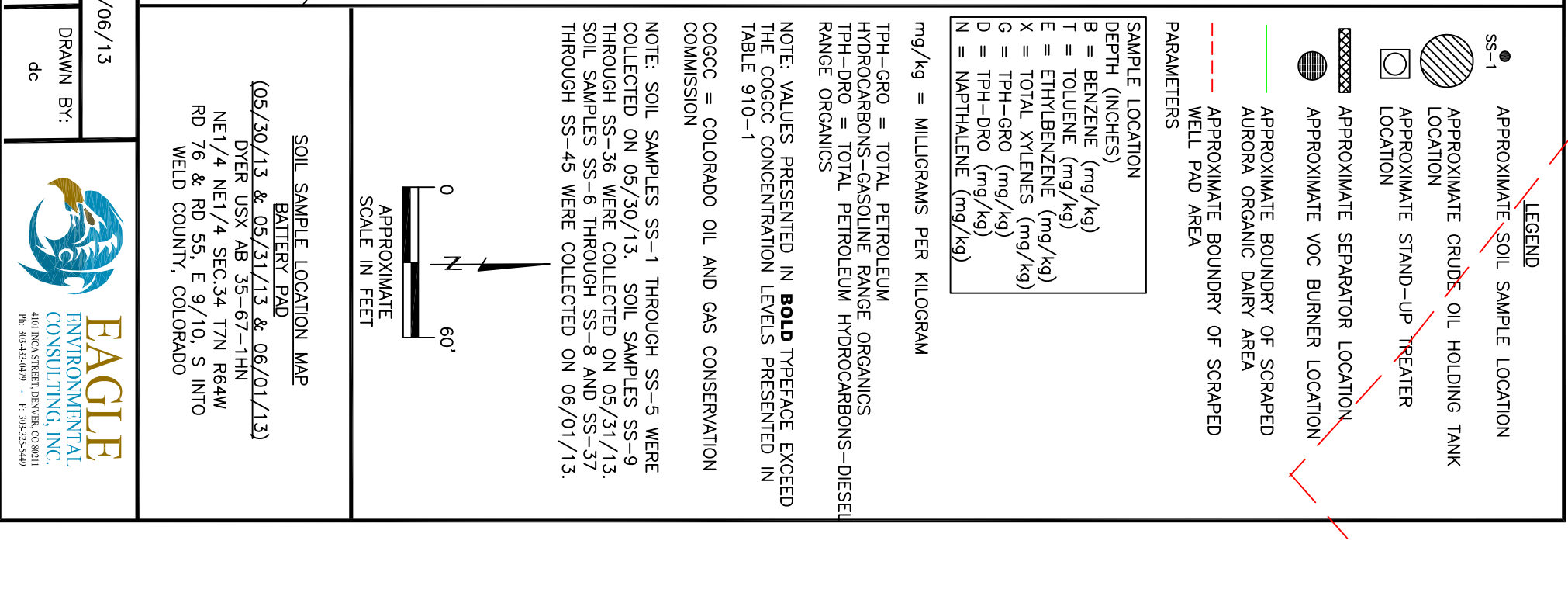
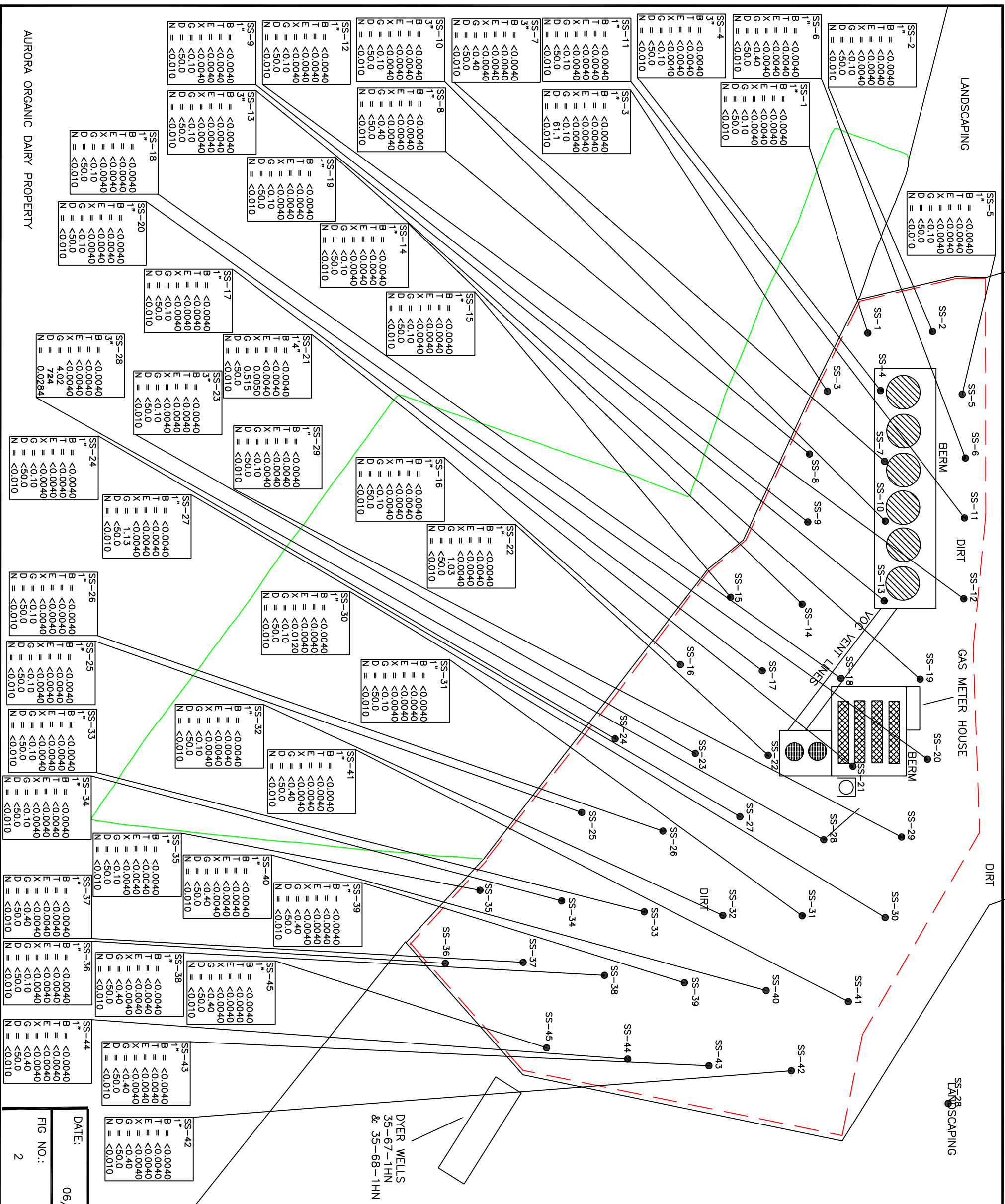
FIGURE 1
SITE LOCATION MAP
 DYER USX AB 35-67-1HN
 NE1/4 NE1/4 SEC.34 T7N R64W
 RD 76 & RD 55, E 9/10, S INTO
 WELD COUNTY, COLORADO

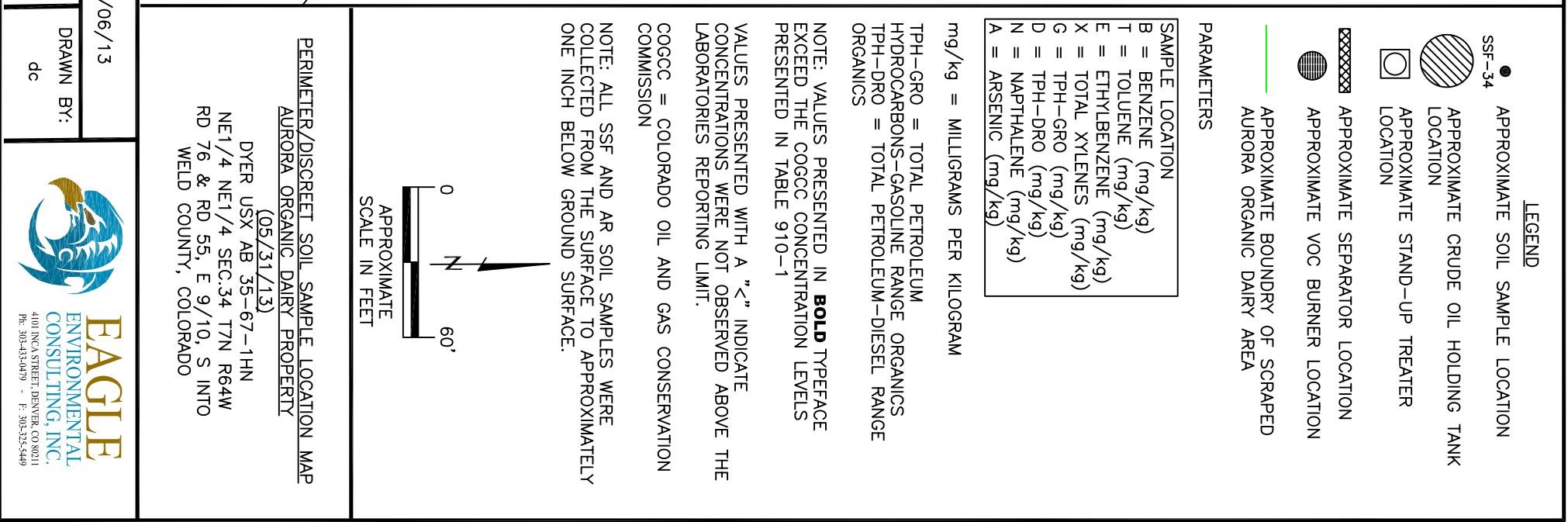
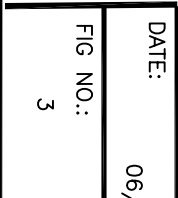
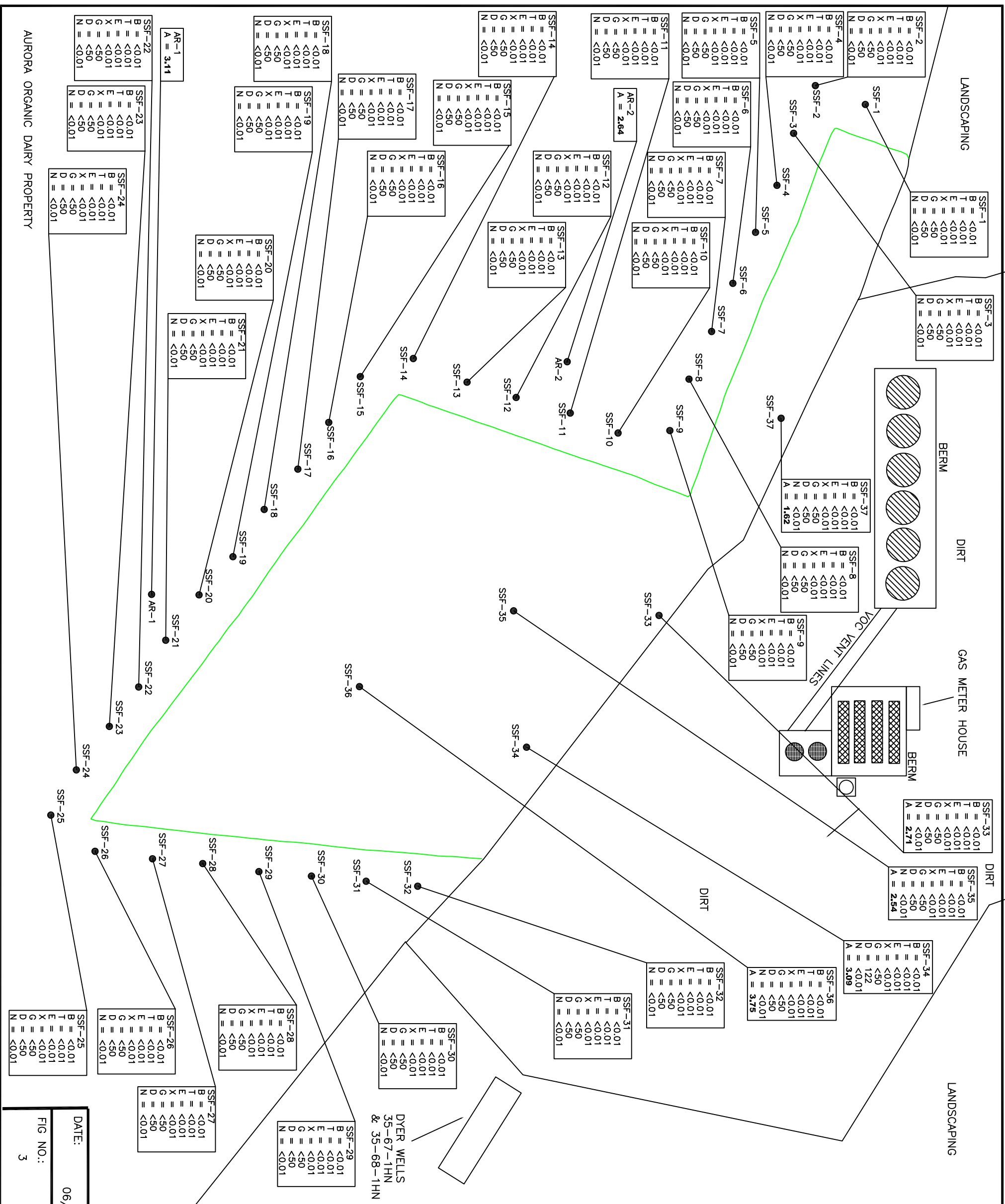


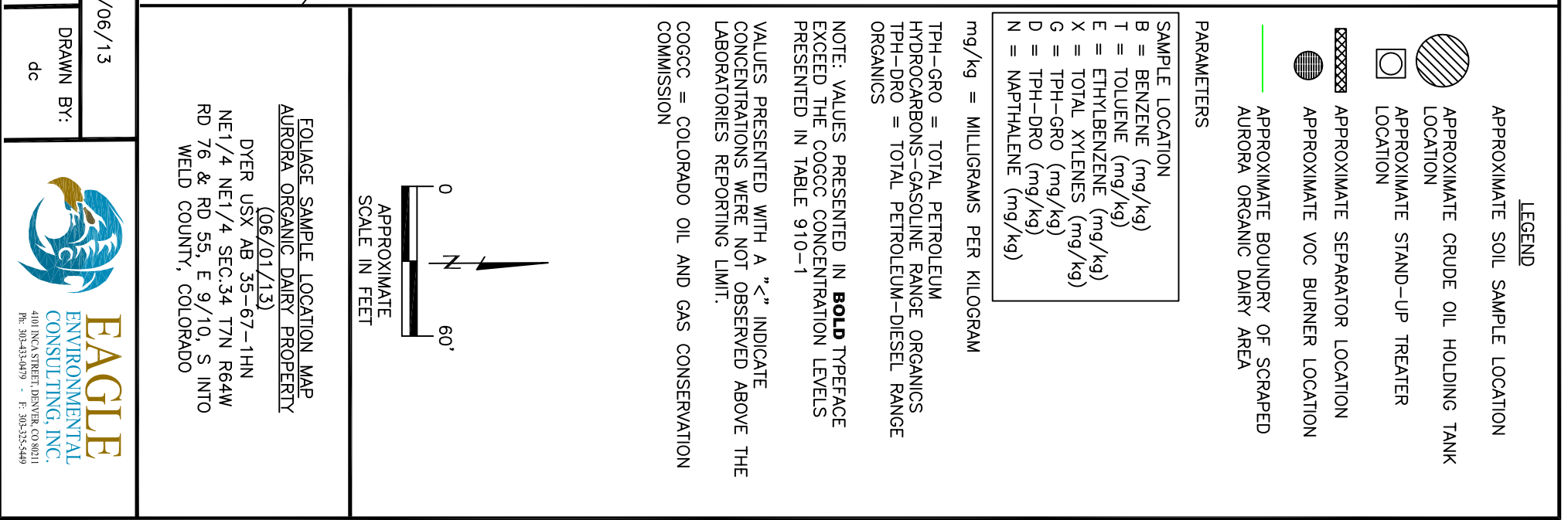
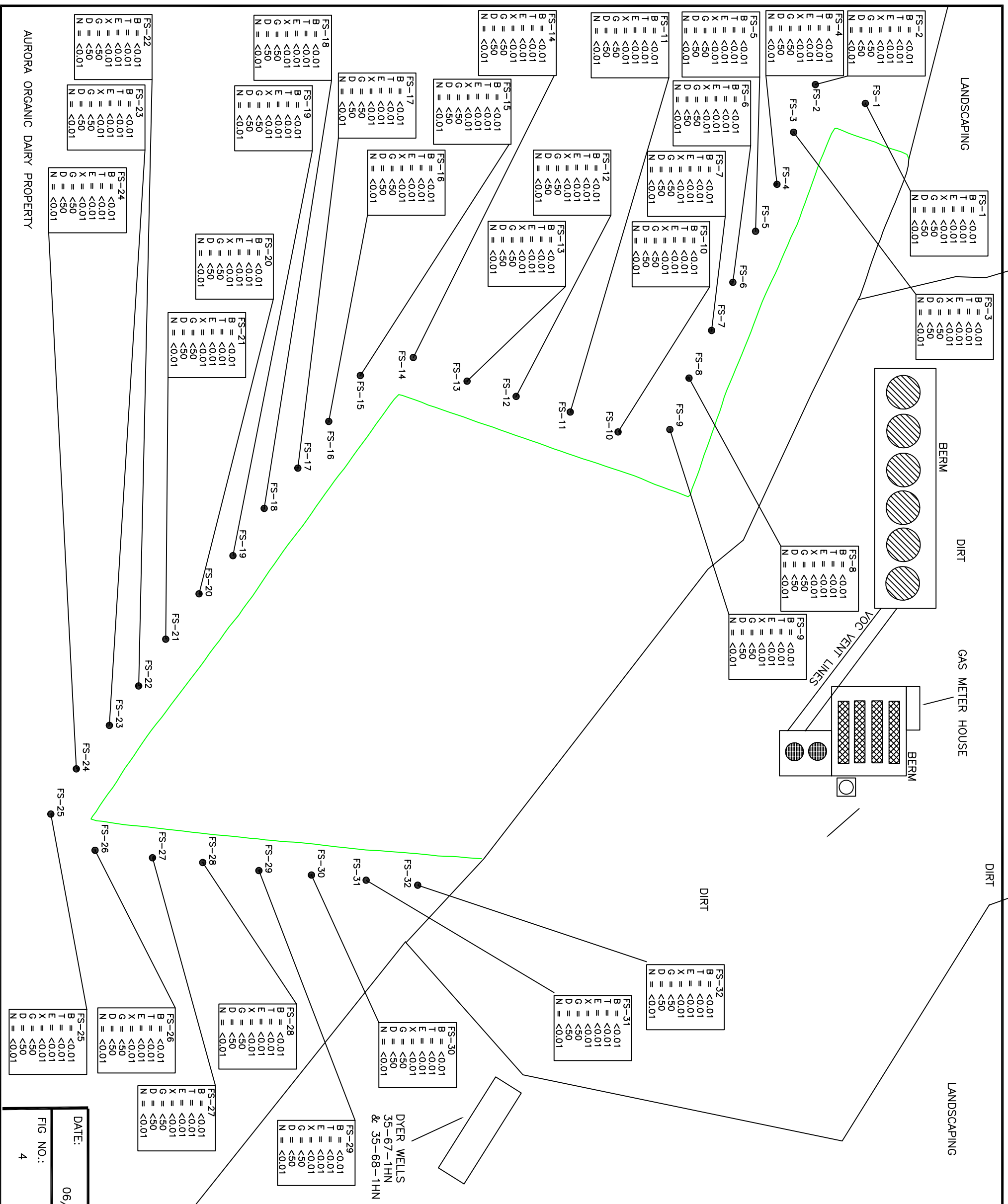
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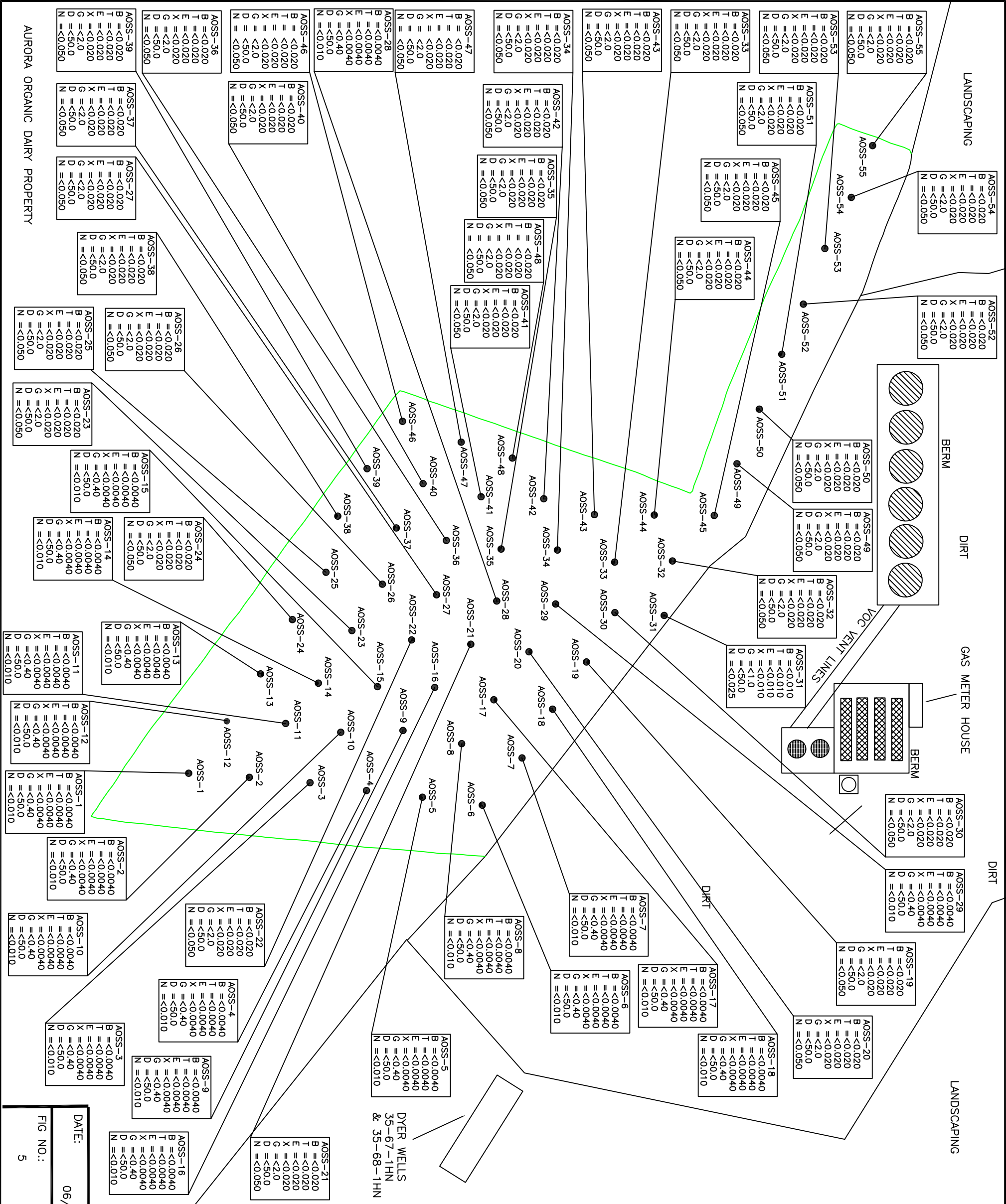
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APPROXIMATE SOIL SAMPLE LOCATION

APPROXIMATE CRUDE OIL HOLDING TANK LOCATION

APPROXIMATE STAND-UP TREATER LOCATION

APPROXIMATE SEPARATOR LOCATION

APPROXIMATE VOC BURNER LOCATION

APPROXIMATE BOUNDARY OF SCRAPED AURORA ORGANIC DAIRY AREA

PARAMETERS

SAMPLE LOCATION

B = BENZENE (mg/kg)

T = TOLUENE (mg/kg)

E = ETHYLBENZENE (mg/kg)

X = TOTAL XYLENES (mg/kg)

G = TPH-GRO (mg/kg)

D = TPH-DRO (mg/kg)

N = NAPHTHALENE (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS

-GASOLINE RANGE ORGANICS

TPH-DRO = TOTAL PETROLEUM HYDROCARBONS-DIESEL RANGE ORGANICS

NOTE: VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED THE COGCC CONCENTRATION LEVELS PRESENTED IN TABLE 910-1

VALUES PRESENTED WITH A "<" INDICATE CONCENTRATIONS WERE NOT OBSERVED ABOVE THE LABORATORIES REPORTING LIMIT.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

NOTE: ALL AOSS SOIL SAMPLES WERE COLLECTED FROM THE SURFACE TO APPROXIMATELY ONE INCH BELOW GROUND SURFACE.

0

60'

APPROXIMATE SCALE IN FEET

N

SOIL SAMPLE LOCATION MAP

AURORA ORGANIC DAIRY PROPERTY

(06/01/13)

DYER USX AB 35-67-1HN

NE1/4 NE1/4 SEC.34 T7N R64W

RD 76 & RD 55, E 9/10, S INTO

WELD COUNTY, COLORADO

DATE:

06/06/13

FIG NO.:

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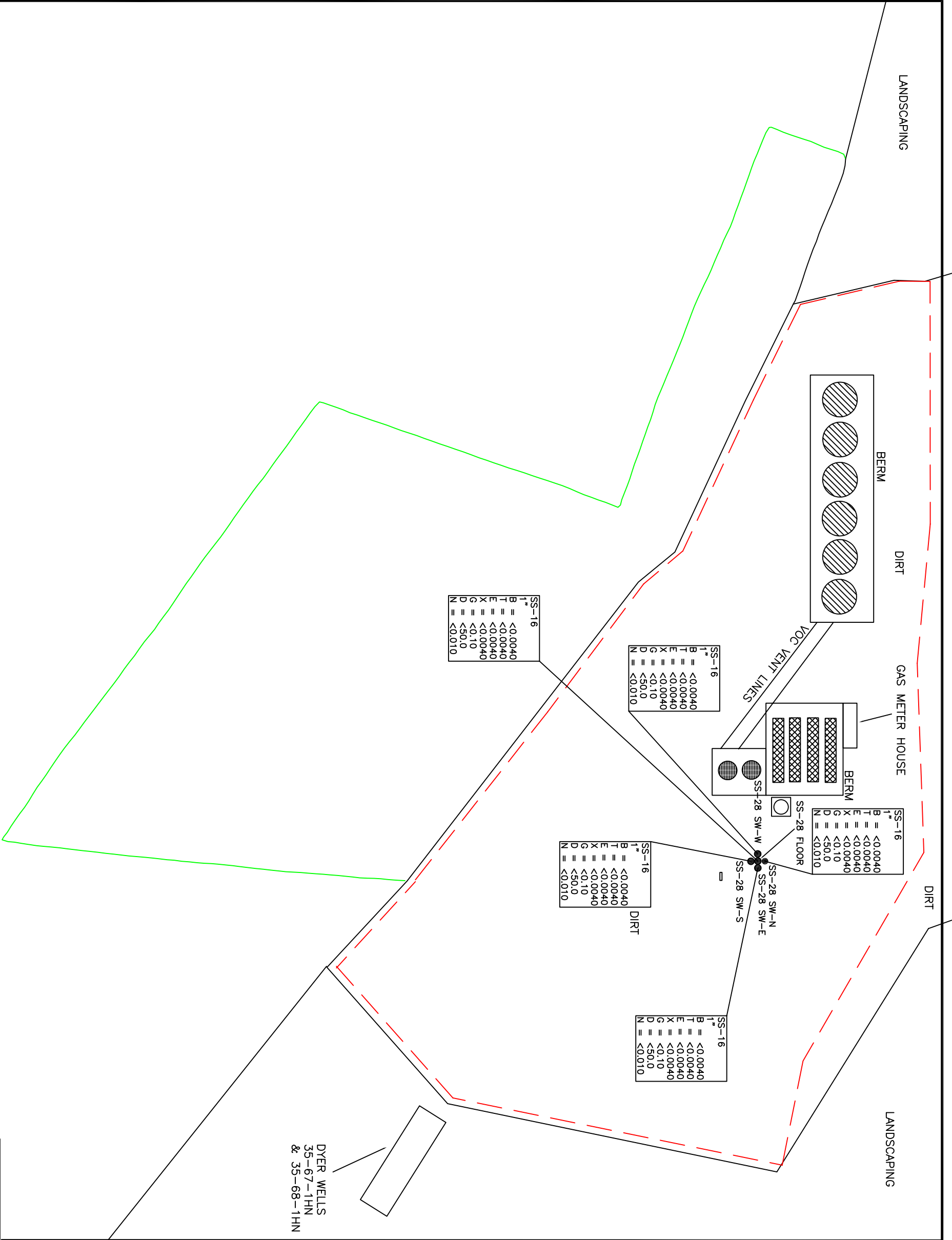
EAGLE

ENVIRONMENTAL

CONSULTING, INC.

4101 INCA STREET, DENVER, CO 80211

PH: 303-434-4979 - F: 303-525-5449



LEGEND

- APPROXIMATE SOIL SAMPLE LOCATION
- APPROXIMATE CRUDE OIL HOLDING TANK LOCATION
- APPROXIMATE STAND-UP TREATER LOCATION
- APPROXIMATE SEPARATOR LOCATION
- APPROXIMATE VOC BURNER LOCATION
- APPROXIMATE BOUNDARY OF SCRAPED AURORA ORGANIC DAIRY AREA
- APPROXIMATE BOUNDARY OF SCRAPED WELL PAD AREA

SAMPLE LOCATION DEPTH (INCHES)

B = BENZENE (mg/kg)
T = TOLUENE (mg/kg)
E = ETHYLBENZENE (mg/kg)
X = TOTAL XYLENES (mg/kg)
G = TPH-GRO (mg/kg)
D = TPH-DRO (mg/kg)
N = NAPHTHALENE (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS-GASOLINE RANGE ORGANICS
TPH-DRO = TOTAL PETROLEUM HYDROCARBONS-DIESEL RANGE ORGANICS

NOTE: VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED THE COGCC CONCENTRATION LEVELS PRESENTED IN TABLE 910-1

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

NOTE: SOIL SAMPLES SS-1 THROUGH SS-5 WERE COLLECTED ON 05/30/13. SOIL SAMPLES SS-9 THROUGH SS-36 WERE COLLECTED ON 05/31/13. SOIL SAMPLES SS-6 THROUGH SS-8 AND SS-37 THROUGH SS-45 WERE COLLECTED ON 06/01/13.

APPROXIMATE SCALE IN FEET

0 60'

SOIL SAMPLE LOCATION MAP
SS-28 EXCAVATION
(06/04/13)
DYER USX AB 35-67-1HN
NE1/4 NE1/4 SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

TABLES

Table 1: Soil and Foliage Sample Photoionization Detector Readings

Table 2: Soil Analytical Results Summary – Battery Pad

Table 3: Perimeter/Discreet Soil Analytical Results Summary – Aurora Organic Dairy Property

Table 4: Perimeter Foliage Analytical Results Summary – Aurora Organic Dairy Property

Table 5: Soil Analytical Results Summary – Aurora Organic Dairy Property

TABLE 1
SOIL AND FOLIAGE SAMPLE PHOTOIONIZATION DETECTOR READINGS
DYER USX AB 35-67-1HN
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location	Date	Sample Depth (feet)	OVM Reading (ppm-v)	Laboratory Analyzed
Soil-Battery Pad				
SS-1@1"	05/30/13	1"	0.0	Yes
SS-2@1"	05/30/13	1"	0.0	Yes
SS-3@1"	05/30/13	1"	0.0	Yes
SS-4@3"	05/30/13	3"	1.3	Yes
SS-5@1"	05/30/13	1"	1.1	Yes
SS-6@1"	06/01/13	1"	1.4	Yes
SS-7@3"	06/01/13	3"	0.0	Yes
SS-8@1"	06/01/13	1"	0.0	Yes
SS-9@1"	05/31/13	1"	0.9	Yes
SS-10@3"	05/31/13	3"	1.9	Yes
SS-11@1"	05/31/13	1"	2.0	Yes
SS-12@1"	05/31/13	1"	2.7	Yes
SS-13@3"	05/31/13	3"	0.7	Yes
SS-14@1"	05/31/13	1"	3.9	Yes
SS-15@1"	05/31/13	1"	2.3	Yes
SS-16@1"	05/31/13	1"	4.0	Yes
SS-17@1"	05/31/13	1"	6.6	Yes
SS-18@1"	05/31/13	1"	4.0	Yes
SS-19@1"	05/31/13	1"	3.9	Yes
SS-20@1"	05/31/13	1"	2.5	Yes
SS-21@6"	05/31/13	6"	165	No
SS-21@1'4"	05/31/13	1'4"	13.1	Yes
SS-22@1"	05/31/13	1"	13.8	Yes
SS-23@1"	05/31/13	1"	357	No
SS-23@3"	05/31/13	3"	1.3	Yes
SS-24@1"	05/31/13	1"	5.3	Yes
SS-25@1"	05/31/13	1"	0.4	Yes
SS-26@1"	05/31/13	1"	1.4	Yes
SS-27@1"	05/31/13	1"	44.4	Yes
SS-28@3"	05/31/13	3"	30.1	Yes
SS-29@1"	05/31/13	1"	2.5	Yes
SS-30@1"	05/31/13	1"	3.8	Yes
SS-31@1"	05/31/13	1"	2.2	Yes
SS-32@1"	05/31/13	1"	0.2	Yes

OVM = Organic Vapor Meter

ppm-v = parts per million by volume

TABLE 1
SOIL AND FOLIAGE SAMPLE PHOTOIONIZATION DETECTOR READINGS
DYER USX AB 35-67-1HN
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location	Date	Sample Depth (feet)	OVM Reading (ppm-v)	Laboratory Analyzed
Soil-Battery Pad				
SS-33@1"	05/31/13	1"	2.1	Yes
SS-34@1"	05/31/13	1"	2.0	Yes
SS-35@1"	05/31/13	1"	2.6	Yes
SS-36@1"	05/31/13	1"	2.7	Yes
SS-37@1"	06/01/13	1"	0.4	Yes
SS-38@1"	06/01/13	1"	0.2	Yes
SS-39@1"	06/01/13	1"	2.0	Yes
SS-40@1"	06/01/13	1"	3.2	Yes
SS-41@1"	06/01/13	1"	2.5	Yes
SS-42@1"	06/01/13	1"	0.4	Yes
SS-43@1"	06/01/13	1"	3.4	Yes
SS-44@1"	06/01/13	1"	1.0	Yes
SS-45@1"	06/01/13	1"	1.1	Yes
SS-28 SW-E@6"	06/04/13	6"	1.1	Yes
SS-28 SW-W@6"	06/04/13	6"	1.3	Yes
SS-28 SW-N@1"	06/04/13	6"	1.7	Yes
SS-28 SW-S@6"	06/04/13	6"	1.3	Yes
SS-28 Floor @1'1"	06/04/13	1'1"	6.9	Yes
Soil-Perimeter & Discreet & Background Arsenic				
SSF-1@1"	05/31/13	1"	0.0	Yes
SSF-2@1"	05/31/13	1"	0.1	Yes
SSF-3@1"	05/31/13	1"	0.7	Yes
SSF-4@1"	05/31/13	1"	0.1	Yes
SSF-5@1"	05/31/13	1"	0.1	Yes
SSF-6@1"	05/31/13	1"	1.1	Yes
SSF-7@1"	05/31/13	1"	0.6	Yes
SSF-8@1"	05/31/13	1"	0.4	Yes
SSF-9@1"	05/31/13	1"	0.9	Yes
SSF-10@1"	05/31/13	1"	0.3	Yes
SSF-11@1"	05/31/13	1"	0.4	Yes
SSF-12@1"	05/31/13	1"	0.1	Yes
SSF-13@1"	05/31/13	1"	1.2	Yes
SSF-14@1"	05/31/13	1"	1.4	Yes
SSF-15@1"	05/31/13	1"	2.3	Yes

OVM = Organic Vapor Meter
ppm-v = parts per million by volume

TABLE 1
SOIL AND FOLIAGE SAMPLE PHOTOIONIZATION DETECTOR READINGS
DYER USX AB 35-67-1HN
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location	Date	Sample Depth (feet)	OVM Reading (ppm-v)	Laboratory Analyzed
Soil-Perimeter & Discreet & Background Arsenic				
SSF-16@1"	05/31/13	1"	1.0	Yes
SSF-17@1"	05/31/13	1"	0.7	Yes
SSF-18@1"	05/31/13	1"	0.7	Yes
SSF-19@1"	05/31/13	1"	3.5	Yes
SSF-20@1"	05/31/13	1"	0.2	Yes
SSF-21@1"	05/31/13	1"	0.8	Yes
SSF-22@1"	05/31/13	1"	0.0	Yes
SSF-23@1"	05/31/13	1"	1.0	Yes
SSF-24@1"	05/31/13	1"	4.9	Yes
SSF-25@1"	05/31/13	1"	0.6	Yes
SSF-26@1"	05/31/13	1"	1.2	Yes
SSF-27@1"	05/31/13	1"	2.2	Yes
SSF-28@1"	05/31/13	1"	2.2	Yes
SSF-29@1"	05/31/13	1"	4.1	Yes
SSF-30@1"	05/31/13	1"	1.8	Yes
SSF-31@1"	05/31/13	1"	1.8	Yes
SSF-32@1"	05/31/13	1"	2.9	Yes
SSF-33@1"	05/31/13	1"	1.3	Yes
SSF-34@1"	05/31/13	1"	1.8	Yes
SSF-35@1"	05/31/13	1"	2.1	Yes
SSF-36@1"	05/31/13	1"	0.5	Yes
SSF-37@1"	05/31/13	1"	2.5	Yes
AR-1@1"	05/31/13	1"	1.8	Yes
AR-2@1"	05/31/13	1"	2.2	Yes

OVM = Organic Vapor Meter

ppm-v = parts per million by volume

TABLE 1
SOIL AND FOLIAGE SAMPLE PHOTOIONIZATION DETECTOR READINGS
DYER USX AB 35-67-1HN
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location	Date	Sample Depth (feet)	OVM Reading (ppm-v)	Laboratory Analyzed
Foliage-Perimeter				
FS-1	05/31/13	NA	1.1	Yes
FS-2	05/31/13	NA	5.6	Yes
FS-3	05/31/13	NA	0.8	Yes
FS-4	05/31/13	NA	3.1	Yes
FS-5	05/31/13	NA	2.5	Yes
FS-6	05/31/13	NA	3.6	Yes
FS-7	05/31/13	NA	4.9	Yes
FS-8	05/31/13	NA	3.2	Yes
FS-9	05/31/13	NA	9.8	Yes
FS-10	05/31/13	NA	6.2	Yes
FS-11	05/31/13	NA	3.7	Yes
FS-12	05/31/13	NA	4.9	Yes
FS-13	05/31/13	NA	3.4	Yes
FS-14	05/31/13	NA	1.6	Yes
FS-15	05/31/13	NA	5.8	Yes
FS-16	05/31/13	NA	3.0	Yes
FS-17	05/31/13	NA	1.6	Yes
FS-18	05/31/13	NA	2.4	Yes
FS-19	05/31/13	NA	8.3	Yes
FS-20	05/31/13	NA	2.9	Yes
FS-21	05/31/13	NA	9.9	Yes
FS-22	05/31/13	NA	5.0	Yes
FS-23	05/31/13	NA	3.4	Yes
FS-24	05/31/13	NA	21.1	Yes
FS-25	05/31/13	NA	2.5	Yes
FS-26	05/31/13	NA	9.7	Yes
FS-27	05/31/13	NA	9.1	Yes
FS-28	05/31/13	NA	6.4	Yes
FS-29	05/31/13	NA	4.4	Yes
FS-30	05/31/13	NA	1.5	Yes
FS-31	05/31/13	NA	5.0	Yes
FS-32	05/31/13	NA	7.1	Yes

OVM = Organic Vapor Meter

ppm-v = parts per million by volume

TABLE 1
SOIL AND FOLIAGE SAMPLE PHOTOIONIZATION DETECTOR READINGS
DYER USX AB 35-67-1HN
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location	Date	Sample Depth (feet)	OVM Reading (ppm-v)	Laboratory Analyzed
Soil-Aurora Organic Dairy Farm Property				
AOSS-1	06/01/13	1"	0.0	Yes
AOSS-2	06/01/13	1"	0.0	Yes
AOSS-3	06/01/13	1"	0.0	Yes
AOSS-4	06/01/13	1"	0.0	Yes
AOSS-5	06/01/13	1"	0.0	Yes
AOSS-6	06/01/13	1"	0.0	Yes
AOSS-7	06/01/13	1"	0.0	Yes
AOSS-8	06/01/13	1"	0.0	Yes
AOSS-9	06/01/13	1"	0.0	Yes
AOSS-10	06/01/13	1"	0.0	Yes
AOSS-11	06/01/13	1"	0.0	Yes
AOSS-12	06/01/13	1"	0.2	Yes
AOSS-13	06/01/13	1"	0.0	Yes
AOSS-14	06/01/13	1"	0.2	Yes
AOSS-15	06/01/13	1"	0.0	Yes
AOSS-16	06/01/13	1"	0.0	Yes
AOSS-17	06/01/13	1"	0.0	Yes
AOSS-18	06/01/13	1"	0.0	Yes
AOSS-19	06/01/13	1"	0.2	Yes
AOSS-20	06/01/13	1"	1.3	Yes
AOSS-21	06/01/13	1"	0.4	Yes
AOSS-22	06/01/13	1"	1.4	Yes
AOSS-23	06/01/13	1"	0.0	Yes
AOSS-24	06/01/13	1"	0.0	Yes
AOSS-25	06/01/13	1"	0.5	Yes
AOSS-26	06/01/13	1"	0.4	Yes
AOSS-27	06/01/13	1"	1.0	Yes
AOSS-28	06/01/13	1"	0.1	Yes
AOSS-29	06/01/13	1"	0.6	Yes
AOSS-30	06/01/13	1"	0.2	Yes
AOSS-31	06/01/13	1"	2.8	Yes
AOSS-32	06/01/13	1"	0.8	Yes

OVM = Organic Vapor Meter

ppm-v = parts per million by volume

TABLE 1
SOIL AND FOLIAGE SAMPLE PHOTOIONIZATION DETECTOR READINGS
DYER USX AB 35-67-1HN
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location	Date	Sample Depth (feet)	OVM Reading (ppm-v)	Laboratory Analyzed
Aurora Organic Dairy Farm Property				
AOSS-33	06/01/13	1"	1.0	Yes
AOSS-34	06/01/13	1"	0.3	Yes
AOSS-35	06/01/13	1"	0.3	Yes
AOSS-36	06/01/13	1"	0.4	Yes
AOSS-37	06/01/13	1"	0.5	Yes
AOSS-38	06/01/13	1"	1.2	Yes
AOSS-39	06/01/13	1"	0.6	Yes
AOSS-40	06/01/13	1"	0.0	Yes
AOSS-41	06/01/13	1"	1.5	Yes
AOSS-42	06/01/13	1"	0.3	Yes
AOSS-43	06/01/13	1"	1.7	Yes
AOSS-44	06/01/13	1"	0.4	Yes
AOSS-45	06/01/13	1"	0.2	Yes
AOSS-46	06/01/13	1"	0.8	Yes
AOSS-47	06/01/13	1"	1.0	Yes
AOSS-48	06/01/13	1"	1.1	Yes
AOSS-49	06/01/13	1"	0.0	Yes
AOSS-50	06/01/13	1"	0.8	Yes
AOSS-51	06/01/13	1"	1.1	Yes
AOSS-52	06/01/13	1"	0.0	Yes
AOSS-53	06/01/13	1"	0.0	Yes
AOSS-54	06/01/13	1"	0.1	Yes
AOSS-55	06/01/13	1"	0.0	Yes

OVM = Organic Vapor Meter

ppm-v = parts per million by volume

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
BATTERY PAD
DYER USX AB #35-67-H1N
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Approximate Depth (inches)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Naphthalene (mg/kg)
COGCC - Regulatory Limits (Table 910-1) (mg/kg)			0.17	85	100	175	500		23
SS-1 40.536686330 -104.529580549	05/30/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-2 40.536796253 -104.529581929	05/30/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-3 40.536611116 -104.529397969	05/30/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	61.1	<0.010
SS-4 40.536728121 -104.529378274	05/30/13	3.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-5 40.536843436 -104.529372247	05/30/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-6 40.536854565 -104.529281938	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-7 40.536719547 -104.529271553	06/01/13	3.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-8 40.536592093 -104.529294873	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-9 40.536580400 -104.529159093	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-10 40.536713077 -104.529159673	05/31/13	3.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-11 40.536847468 -104.529165531	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-12 40.536845617 -104.528984613	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-13 40.536708971 -104.528981047	05/31/13	3.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-14 40.536568385 -104.528974833	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-15 40.536442507 -104.528987555	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-16 40.536360602 -104.528844124	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-17 40.536499225 -104.528825982	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-18 40.536634367 -104.528808308	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
BATTERY PAD
DYER USX AB #35-67-H1N
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Approximate Depth (inches)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Naphthalene (mg/kg)
COGCC - Regulatory Limits (Table 910-1) (mg/kg)			0.17	85	100	175	500		23
SS-19 40.536768973 -104.528804809	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-20 40.536779621 -104.528626204	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-21 40.536646258 -104.528635258	05/31/13	16.0	<0.0040	<0.0040	<0.0040	0.0050	0.515	<50.0	<0.010
SS-22 40.536508039 -104.528638522	05/31/13	16.0	<0.0040	<0.0040	<0.0040	<0.0040	1.03	<50.0	<0.010
SS-23 40.536383892 -104.528644480	05/31/13	3.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-24 40.536247117 -104.528678054	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-25 40.536189169 -104.528516097	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-26 40.536327724 -104.528472026	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-27 40.536459249 -104.528501850	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	1.13	<50.0	<0.010
SS-28 40.536601713 -104.528449231	05/31/13	3.0	<0.0040	<0.0040	<0.0040	<0.0040	4.02	724	0.0284
SS-29 40.536735171 -104.528453117	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-30 40.536704571 -104.528272370	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-31 40.536563494 -104.528278713	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-32 40.536428932 -104.528279646	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-33 40.536293765 -104.528290282	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-34 40.536154171 -104.528319037	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-35 40.536014022 -104.528343361	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
BATTERY PAD
DYER USX AB #35-67-H1N
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Approximate Depth (inches)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Naphthalene (mg/kg)
COGCC - Regulatory Limits (Table 910-1) (mg/kg)			0.17	85	100	175	500		23
SS-36 40.535952552 -104.528182191	05/31/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.10	<50.0	<0.010
SS-37 40.536086353 -104.528181793	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-38 40.536225455 -104.528150174	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-39 40.536362026 -104.528130395	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-40 40.536501226 -104.528112711	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-41 40.536640806 -104.528085518	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-42 40.536506061 -104.527931917	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-43 40.536365870 -104.527945361	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-44 40.536227651 -104.527962446	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-45 40.536089185 -104.527990635	06/01/13	1.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-28 SW-E 40.3221806 -104.3142400	06/04/13	6.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-28 SW-W 40.3211795 -104.3142464	06/04/13	6.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-28 SW-N 40.3211830 -104.3142402	06/04/13	6.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-28 SW-S 40.3211758 -104.3142408	06/04/13	6.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010
SS-28 Floor 40.3211790 -104.3142459	06/04/13	13.0	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010

COGCC = Colorado Oil and Gas Conservation Commission
mg/kg = milligrams per kilogram
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
Note: Values presented in bold typeface exceed their respective COGCC - Guidelines (Table 910-1).
Values presented with a "<" symbol indicate concentrations were not observed above the laboratories reporting limit.

TABLE 3
PERIMETER/DISCREET SOIL ANALYTICAL RESULTS SUMMARY
AURORA ORGANIC DAIRY PROPERTY
DYER USX AB #35-67-H1N
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Approximate Depth (bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Naphthalene (mg/kg)	Arsenic (mg/kg)
COGCC - Regulatory Limits (Table 910-1) (mg/kg)			0.17	85	100	175	500		23	0.39
SSF-1 40.536678752 -104.530077061	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-2 40.536592346 -104.530119957	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-3 40.536555146 -104.530013868	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-4 40.536525789 -104.529897324	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-5 40.536488208 -104.529792872	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-6 40.536448471 -104.529680077	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-7 40.536411685 -104.529572474	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-8 40.536372099 -104.529465728	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-9 40.536338830 -104.529352225	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-10 40.536249864 -104.529347983	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-11 40.536169580 -104.529392911	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-12 40.536076999 -104.529429139	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-13 40.535993542 -104.529464351	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-14 40.535902143 -104.529518581	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-15 40.535811753 -104.529480890	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-16 40.535757430 -104.529377652	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-17 40.535703393 -104.529275360	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-18 40.535645288 -104.529184644	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA

TABLE 3
PERIMETER/DISCREET SOIL ANALYTICAL RESULTS SUMMARY
AURORA ORGANIC DAIRY PROPERTY
DYER USX AB #35-67-H1N
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Approximate Depth (bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Naphthalene (mg/kg)	Arsenic (mg/kg)
COGCC - Regulatory Limits (Table 910-1) (mg/kg)			0.17	85	100	175	500		23	0.39
SSF-19 40.535592092 -104.529081189	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-20 40.535532526 -104.528995751	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-21 40.535475950 -104.528896575	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-22 40.535428288 -104.528791084	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-23 40.535377320 -104.528704560	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-24 40.535320491 -104.528607756	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-25 40.535275301 -104.528506096	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-26 40.535351420 -104.528424216	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-27 40.535449087 -104.528407283	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-28 40.535534204 -104.528394777	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-29 40.535629308 -104.528375052	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-30 40.535719382 -104.528363724	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-31 40.536563494 -104.528278713	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-31 40.535811888 -104.528351044	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-32 40.535900796 -104.528340300	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	NA
SSF-33 40.536307048 -104.528947315	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	2.71
SSF-34 40.536079146 -104.528654275	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	122	<0.01	3.09
SSF-35 40.536059865 -104.528959320	05/31/13	Surface-1"	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01	2.54

TABLE 4
PERIMETER FOLIAGE ANALYTICAL RESULTS SUMMARY
AURORA ORGANIC DAIRY PROPERTY
DYER USX AB #35-67-H1N
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Approximate Depth (inches)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Naphthalene (mg/kg)
COGCC - Regulatory Limits (Table 910-1) (mg/kg)			0.17	85	100	175	500		23
FS-1 40.536678752 -104.530077061	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-2 40.536592346 -104.530119957	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-3 40.536555146 -104.530013868	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-4 40.536525789 -104.529897324	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-5 40.536488208 -104.529792872	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-6 40.536448471 -104.529680077	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-7 40.536411685 -104.529572474	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-8 40.536372099 -104.529465728	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-9 40.536338830 -104.529352225	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-10 40.536249864 -104.529347983	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-11 40.536169580 -104.529392911	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-12 40.536076999 -104.529429139	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-13 40.535993542 -104.529464351	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-14 40.535902143 -104.529518581	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-15 40.535811753 -104.529480890	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-16 40.535757430 -104.529377652	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-17 40.535703393 -104.529275360	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01
FS-18 40.535645288 -104.529184644	05/31/13	NA	<0.01	<0.01	<0.01	<0.01	<50	<50	<0.01

TABLE 5
SOIL ANALYTICAL RESULTS SUMMARY
AURORA ORGANIC DAIRY PROPERTY
DYER USX AB #35-67-H1N
NE¼ NE¼ SEC.34 T7N R64W
RD 76 & RD 55, E 9/10, S INTO
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Approximate Depth (bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH- GRO (mg/kg)	TPH- DRO (mg/kg)	Naphthalene (mg/kg)	Arsenic (mg/kg)
COGCC - Regulatory Limits (Table 910-1) (mg/kg)			0.17	85	100	175	500		23	0.39
AOSS-1 40.535501067 -104.528599162	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-2 40.535604371 -104.528588203	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-3 40.535707064 -104.528573785	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-4 40.535803297 -104.528556136	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-5 40.535898047 -104.528540026	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-6 40.535999952 -104.528521025	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-7 40.536068323 -104.528625414	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-8 40.535965675 -104.528659038	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-9 40.535866197 -104.528689139	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-10 40.535760654 -104.528686905	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-11 40.535666777 -104.528707111	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-12 40.535566881 -104.528714778	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-13 40.535625278 -104.528819322	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-14 40.535723268 -104.528797147	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-15 40.535823673 -104.528787902	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-16 40.535920905 -104.528785358	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-17 40.536021318 -104.528755677	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-18 40.536120965 -104.528733409	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA
AOSS-19 40.536179738 -104.528837746	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-20 40.536082278 -104.528861759	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-21 40.535983390 -104.528880188	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-22 40.535882802 -104.528891039	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-23 40.535781339 -104.528913592	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-24 40.535680559 -104.528939120	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-25 40.535738287 -104.529044105	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-26 40.535834392 -104.529015679	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-27 40.535925700 -104.528991444	06/01/13	Surface-1"	<0.020	<0.020	<0.020	<0.020	<2.0	<50.0	<0.050	NA
AOSS-28 40.536027962 -104.528976194	06/01/13	Surface-1"	<0.0040	<0.0040	<0.0040	<0.0040	<0.40	<50.0	<0.010	NA

ATTACHMENT A

Laboratory Analytical Reports



June 05, 2013

Eagle Environmental Consulting, Inc.

Martin C Eckert III

4101 Inca Street

Denver

CO 80211

Project Name - Noble - Dyer 35-67-1 HN

Project Number - Dyer 35-67-1 HN

Attached are you analytical results for Noble - Dyer 35-67-1 HN received by Origins Laboratory, Inc. June 04, 2013. This project is associated with Origins project number X306014-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-28 SW-E @ 6"	X306014-01	Soil	June 4, 2013 8:50	06/04/2013 15:10
SS-28 SW-W @ 6"	X306014-02	Soil	June 4, 2013 9:13	06/04/2013 15:10
SS-28 SW-N @ 6"	X306014-03	Soil	June 4, 2013 9:01	06/04/2013 15:10
SS-28 SW-S @ 6"	X306014-04	Soil	June 4, 2013 9:20	06/04/2013 15:10
SS-28-Floor @ 1'1"	X306014-05	Soil	June 4, 2013 9:27	06/04/2013 15:10

Origins Laboratory, Inc.



Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

www.originslaboratory.com

X306014
page 1 of 1

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 4101 Inca St., Denver, CO 80211
Telephone Number: (303) 433-0479
Email Address: mce@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Dyer 35-67-1 HN
Project Number: Dyer 35-67-1 HN
Samples Collected By: D. Colocchia

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			
SS-28 SWE 06"	6/4/13	0850	1	X									1
SS-28 SW-W66"		0913	1										2
SS-28 SW-N06"		0901	1										3
SS-28 SW-S06"		0920	1										4
SS-28 Floor 011"		0927	1										5
													6
													7
													8
													9
													10

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:
Deed	6/4/13	15:10	Giff Smith	6/4/13	15:10	Same Day <input type="checkbox"/> 24 Hr <input checked="" type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Origins Laboratory, Inc.

Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver

CO

80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: X306014

Client: Eagle

Client Project ID: Dyer 35-67-1 HN

Checklist Completed by: Jeff Smith

Shipped Via: 4/0
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/4/13 15:14

Airbill #: NA

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other _____

Cooler Number/Temperature: 12.9 °C / 1 °C / 1 °C (Describe) _____ °C

Thermometer ID: T002

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	Soil
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)		<input checked="" type="checkbox"/>		Soil
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date, time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

0605-13 1516
Date/Time Reviewed

Origins Laboratory, Inc.

Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

SS-28 SW-E @ 6"**6/4/2013 8:50:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.**X306014-01 (Soil)****Diesel Range Organics (DRO/TEPH) by EPA 8015C**

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F04007	06/04/2013	06/05/2013
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Surrogate: o-Terphenyl	92.7 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F04006	06/04/2013	06/04/2013
-----------------------------	----	------	-------	---	---------	------------	------------

Benzene	ND	0.0040	"	"	"	"	"
---------	----	--------	---	---	---	---	---

Toluene	ND	0.0040	"	"	"	"	"
---------	----	--------	---	---	---	---	---

Ethylbenzene	ND	0.0040	"	"	"	"	"
--------------	----	--------	---	---	---	---	---

Xylenes, total	ND	0.0040	"	"	"	"	"
----------------	----	--------	---	---	---	---	---

Napthalene	ND	0.010	"	"	"	"	"
------------	----	-------	---	---	---	---	---

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
----------------------------------	-------	--------	--	--	---	---	---

Surrogate: Toluene-d8	101 %	70-130			"	"	"
-----------------------	-------	--------	--	--	---	---	---

Surrogate: 4-Bromofluorobenzene	92.3 %	70-130			"	"	"
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Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-28 SW-W @ 6"
6/4/2013 9:13:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306014-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F04007	06/04/2013	06/05/2013
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Surrogate: o-Terphenyl	92.7 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F04006	06/04/2013	06/04/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.1 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

SS-28 SW-N @ 6"**6/4/2013 9:01:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.**X306014-03 (Soil)****Diesel Range Organics (DRO/TEPH) by EPA 8015C**

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F04007	06/04/2013	06/05/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	92.0 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F04006	06/04/2013	06/04/2013
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Benzene	ND	0.0040	"	"	"	"	"
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Toluene	ND	0.0040	"	"	"	"	"
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Ethylbenzene	ND	0.0040	"	"	"	"	"
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Xylenes, total	ND	0.0040	"	"	"	"	"
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Napthalene	ND	0.010	"	"	"	"	"
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Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
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Surrogate: Toluene-d8	101 %	70-130			"	"	"
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Surrogate: 4-Bromofluorobenzene	90.8 %	70-130			"	"	"
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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-28 SW-S @ 6"
6/4/2013 9:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306014-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F04007	06/04/2013	06/05/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	94.6 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F04006	06/04/2013	06/04/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	103 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.0 %	70-130			"	"	"

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-28-Floor @ 1'1"
6/4/2013 9:27:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306014-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F04007	06/04/2013	06/05/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	90.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F04006	06/04/2013	06/04/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	89.9 %	70-130			"	"	"

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F04006 - EPA 5030 (soil)

Blank (3F04006-BLK1)

Prepared: 06/04/2013 Analyzed: 06/04/2013

Gasoline Range Hydrocarbons	ND	0.40	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Xylenes, total	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		98.7	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		89.6	70-130			

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F04006 - EPA 5030 (soil)										
LCS (3F04006-BS1)					Prepared: 06/04/2013 Analyzed: 06/04/2013					
Benzene	0.19	0.0040	mg/kg	0.200		95.7	70-130			
Toluene	0.21	0.0040	"	0.200		103	70-130			
Ethylbenzene	0.19	0.0040	"	0.200		96.6	70-130			
m,p-Xylene	0.41	0.0080	"	0.400		102	70-130			
o-Xylene	0.22	0.0040	"	0.200		110	70-130			
Naphthalene	0.19	0.010	"	0.200		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	59		ug/kg	62.5		94.7	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F04006 - EPA 5030 (soil)										
Matrix Spike (3F04006-MS1)		Source: X306014-01			Prepared: 06/04/2013 Analyzed: 06/04/2013					
Benzene	0.19	0.0040	mg/kg	0.200	ND	96.0	70-130			
Toluene	0.20	0.0040	"	0.200	ND	99.6	70-130			
Ethylbenzene	0.20	0.0040	"	0.200	ND	99.7	70-130			
m,p-Xylene	0.41	0.0080	"	0.400	ND	102	70-130			
o-Xylene	0.22	0.0040	"	0.200	ND	110	70-130			
Naphthalene	0.19	0.010	"	0.200	0.0006	93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		90.5	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F04006 - EPA 5030 (soil)										
Matrix Spike Dup (3F04006-MSD1)	Source: X306014-01				Prepared: 06/04/2013 Analyzed: 06/04/2013					
Benzene	0.19	0.0040	mg/kg	0.200	ND	94.9	70-130	1.17	20	
Toluene	0.20	0.0040	"	0.200	ND	101	70-130	1.71	20	
Ethylbenzene	0.20	0.0040	"	0.200	ND	98.8	70-130	0.846	20	
m,p-Xylene	0.40	0.0080	"	0.400	ND	101	70-130	1.30	20	
o-Xylene	0.22	0.0040	"	0.200	ND	112	70-130	1.80	20	
Naphthalene	0.19	0.010	"	0.200	0.0006	97.0	70-130	3.68	20	
Surrogate: 1,2-Dichloroethane-d4	60		ug/kg	62.5		95.3	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.9	70-130			

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F04007 - EPA 3580

Blank (3F04007-BLK1)

Prepared: 06/04/2013 Analyzed: 06/05/2013

Diesel (C10-C28) ND 50.0 mg/kg

Surrogate: o-Terphenyl 43 g 50.0 86.6 59-131

LCS (3F04007-BS1)

Prepared: 06/04/2013 Analyzed: 06/05/2013

Diesel (C10-C28) 875 50.0 mg/kg 1000 87.5 64-121

Surrogate: o-Terphenyl 61 g 50.0 121 59-131

Matrix Spike (3F04007-MS1)

Source: X306014-01

Prepared: 06/04/2013 Analyzed: 06/05/2013

Diesel (C10-C28) 924 50.0 mg/kg 1000 27.0 89.7 53-125

Surrogate: o-Terphenyl 62 g 50.0 123 59-131

Matrix Spike Dup (3F04007-MSD1)

Source: X306014-01

Prepared: 06/04/2013 Analyzed: 06/05/2013

Diesel (C10-C28) 911 50.0 mg/kg 1000 27.0 88.4 53-125 1.44 20

Surrogate: o-Terphenyl 61 g 50.0 122 59-131

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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June 02, 2013

Eagle Environmental Consulting, Inc.

Martin C Eckert III

4101 Inca Street

Denver

CO 80211

Project Name - Noble - Dyer 35-67-1 HN

Project Number - Dyer 35-67-1 HN

Attached are you analytical results for Noble - Dyer 35-67-1 HN received by Origins Laboratory, Inc. June 01, 2013. This project is associated with Origins project number X306002-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AOSS-1	X306002-01	Soil	June 1, 2013 7:32	06/01/2013 13:24
AOSS-2	X306002-02	Soil	June 1, 2013 7:34	06/01/2013 13:24
AOSS-3	X306002-03	Soil	June 1, 2013 7:36	06/01/2013 13:24
AOSS-4	X306002-04	Soil	June 1, 2013 7:37	06/01/2013 13:24
AOSS-5	X306002-05	Soil	June 1, 2013 7:39	06/01/2013 13:24
AOSS-6	X306002-06	Soil	June 1, 2013 7:41	06/01/2013 13:24
AOSS-7	X306002-07	Soil	June 1, 2013 7:43	06/01/2013 13:24
AOSS-8	X306002-08	Soil	June 1, 2013 7:45	06/01/2013 13:24
AOSS-9	X306002-09	Soil	June 1, 2013 7:47	06/01/2013 13:24
AOSS-10	X306002-10	Soil	June 1, 2013 7:48	06/01/2013 13:24
AOSS-11	X306002-11	Soil	June 1, 2013 7:52	06/01/2013 13:24
AOSS-12	X306002-12	Soil	June 1, 2013 7:54	06/01/2013 13:24
AOSS-13	X306002-13	Soil	June 1, 2013 7:56	06/01/2013 13:24
AOSS-14	X306002-14	Soil	June 1, 2013 7:58	06/01/2013 13:24

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AOSS-15	X306002-15	Soil	June 1, 2013 8:00	06/01/2013 13:24
AOSS-16	X306002-16	Soil	June 1, 2013 8:03	06/01/2013 13:24
AOSS-17	X306002-17	Soil	June 1, 2013 8:05	06/01/2013 13:24
AOSS-18	X306002-18	Soil	June 1, 2013 8:07	06/01/2013 13:24
AOSS-19	X306002-19	Soil	June 1, 2013 8:11	06/01/2013 13:24
AOSS-20	X306002-20	Soil	June 1, 2013 8:14	06/01/2013 13:24
AOSS-21	X306002-21	Soil	June 1, 2013 8:16	06/01/2013 13:24
AOSS-22	X306002-22	Soil	June 1, 2013 8:18	06/01/2013 13:24
AOSS-23	X306002-23	Soil	June 1, 2013 8:20	06/01/2013 13:24
AOSS-24	X306002-24	Soil	June 1, 2013 8:22	06/01/2013 13:24
AOSS-25	X306002-25	Soil	June 1, 2013 8:25	06/01/2013 13:24
AOSS-26	X306002-26	Soil	June 1, 2013 8:27	06/01/2013 13:24
AOSS-27	X306002-27	Soil	June 1, 2013 8:30	06/01/2013 13:24
AOSS-28	X306002-28	Soil	June 1, 2013 8:32	06/01/2013 13:24

Origins Laboratory, Inc.



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4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AOSS-29	X306002-29	Soil	June 1, 2013 8:34	06/01/2013 13:24
AOSS-30	X306002-30	Soil	June 1, 2013 8:37	06/01/2013 13:24
AOSS-31	X306002-31	Soil	June 1, 2013 8:39	06/01/2013 13:24
AOSS-32	X306002-32	Soil	June 1, 2013 8:41	06/01/2013 13:24
AOSS-33	X306002-33	Soil	June 1, 2013 8:47	06/01/2013 13:24
AOSS-34	X306002-34	Soil	June 1, 2013 8:50	06/01/2013 13:24
AOSS-35	X306002-35	Soil	June 1, 2013 8:53	06/01/2013 13:24
AOSS-36	X306002-36	Soil	June 1, 2013 8:55	06/01/2013 13:24
AOSS-37	X306002-37	Soil	June 1, 2013 8:58	06/01/2013 13:24
AOSS-38	X306002-38	Soil	June 1, 2013 9:01	06/01/2013 13:24
AOSS-39	X306002-39	Soil	June 1, 2013 9:03	06/01/2013 13:24
AOSS-40	X306002-40	Soil	June 1, 2013 9:06	06/01/2013 13:24
AOSS-41	X306002-41	Soil	June 1, 2013 9:09	06/01/2013 13:24
AOSS-42	X306002-42	Soil	June 1, 2013 9:11	06/01/2013 13:24

Origins Laboratory, Inc.



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4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AOSS-43	X306002-43	Soil	June 1, 2013 9:14	06/01/2013 13:24
AOSS-44	X306002-44	Soil	June 1, 2013 9:16	06/01/2013 13:24
AOSS-45	X306002-45	Soil	June 1, 2013 9:18	06/01/2013 13:24
AOSS-46	X306002-46	Soil	June 1, 2013 9:20	06/01/2013 13:24
AOSS-47	X306002-47	Soil	June 1, 2013 9:31	06/01/2013 13:24
AOSS-48	X306002-48	Soil	June 1, 2013 9:34	06/01/2013 13:24
AOSS-49	X306002-49	Soil	June 1, 2013 9:38	06/01/2013 13:24
AOSS-50	X306002-50	Soil	June 1, 2013 9:43	06/01/2013 13:24
AOSS-51	X306002-51	Soil	June 1, 2013 9:45	06/01/2013 13:24
AOSS-52	X306002-52	Soil	June 1, 2013 9:49	06/01/2013 13:24
AOSS-53	X306002-53	Soil	June 1, 2013 9:50	06/01/2013 13:24
AOSS-54	X306002-54	Soil	June 1, 2013 9:53	06/01/2013 13:24
AOSS-55	X306002-55	Soil	June 1, 2013 9:58	06/01/2013 13:24

Origins Laboratory, Inc.



Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

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page 1 of 6

ORIGINS
LABORATORY, INC

Client: EAGLE ENV CONSULTING INC
Address: 4101 Inca St DENVER CO 80211
Telephone Number: 303-884-7831
Email Address: mce@eagle-env.com

Project Manager: M. Eckert
Project Name: DYER 35-67-1 HN
Project Number:
Samples Collected By: MCE/DC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	GC/MS	
A055-1	6/1/13	0732	1	✓									1
A055-2		0734											2
A055-3		0736											3
A055-4		0737											4
A055-5		0739											5
A055-6		0741											6
A055-7		0743											7
A055-8		0745											8
A055-9		0747											9
A055-10		0748											10
Relinquished By: <u>NK</u>	Date: <u>6/1/13</u>	Time: <u>13:24</u>		Received By: <u>[Signature]</u>				Received By:		Date: <u>6/1/13</u>	Time: <u>13:24</u>	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input checked="" type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>	
Relinquished By:	Date:	Time:		Received By:				Received By:		Date:	Time:		

Fox: 303.265.9645 | Phone: 303.433.1322 | Denver, CO 80211 | 1725 Elk Place

Origins Laboratory, Inc.

Noelle E Doyle

Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

X30002

Client: EAGLE ENVIRONMENTAL CONSULTING, INC.
Address: 4101 INCA ST DENVER CO 80211
Telephone Number: 303-884-7841
Email Address: mce@eagle-environment.com

Project Manager: M. ECKERT
Project Name: DYER 35-67-1 HN
Project Number:
Samples Collected By: MCE/HC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative						Matrix				Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other				
A055-11	6/1/13	0752	1	✓					✓			✓	✓	1	Sample Instructions

Date: Results Mailed 11/15/13

Origins Laboratory, Inc.

Noelle E Doyle

Noelle E Doyle, President

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Page 8 of 85

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

www.originslaboratory.com

X300002 page 4 of 6

Client: M. Eckert
Address: 4101 Inca St Denver CO 80211
Telephone Number: 303-884-7851
Email Address: M.C.Eckert@eagle-consulting.com

Project Manager: M. Eckert
Project Name: Dyer - 35-67-1 HN
Project Number:
Samples Collected By: MLE/DC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix				Analysis		Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	DBP	NAPHTHALENE	
A055-31	6/1/13	0839	1	✓				✓				✓	✓	1
A055-32		0841	1											2
A055-33		0847	1											3
A055-34		0850	1											4
A055-35		0853	1											5
A055-36		0855	1											6
A055-37		0858	1											7
A055-38		0901	1											8
A055-39		0903	1											9
A055-40		0906	1											10
Relinquished By: NDL	Date: 6/1/13	Time: 1324												Turnaround Time: Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>
Relinquished By:	Date: 6/1/13	Time:												Time: 13:24

Date: Data Date: 6/12/13

Origins Laboratory, Inc.

Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

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X30002 Page 5 of 6

ORIGINS
LABORATORY, INC

Client: EAGLE ENVIRONMENTAL
Address: 4101 Inca Street Denver 80211
Telephone Number: 303-884-7891
Email Address: MCE3@Eagle-Enviro.com

Project Manager: M Eckert
Project Name: Dyer 35-67 HN
Project Number:
Samples Collected By: MCE/DC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #		
A055-41	6/1/13	0909	1									1
A055-42		0911										2
A055-43		0914										3
A055-44		0916										4
A055-45		0918										5
A055-46		0920										6
A055-47		0931										7
A055-48		0934										8
A055-49		0939										9
A055-50		0943										10
Relinquished By: [Signature]	Date: 6/1/13	Time: 1324										Turnaround Time: Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>
Relinquished By: [Signature]	Date: 6/1/13	Time: 1324										

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Origins Laboratory, Inc.

Noelle E Doyle

Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: V306002

Client: EAGLE

Client Project ID: DYER 35-67-1 HN

Checklist Completed by: [Signature]

Shipped Via: H/D

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6-6/1/13

Airbill #: N/A

Matrix(s) Received: (Check all that apply): X Soil/Solid Water Other:

Cooler Number/Temperature: 1 / 1.5 °C / °C / °C (Describe) °C

Thermometer ID: T002

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		X		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	SOIL
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to ensure sample integrity)(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			X	SOIL
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date, time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

06-02-13 1759
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-1

6/1/2013 7:32:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-01 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130			"	"	"
Surrogate: Toluene-d8	98.8 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.4 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-2

6/1/2013 7:34:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.7 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.2 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-3

6/1/2013 7:36:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-03 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.8 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-4

6/1/2013 7:37:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.3 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-5

6/1/2013 7:39:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	84.4 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130			"	"	"
Surrogate: Toluene-d8	98.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-6

6/1/2013 7:41:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-06 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	88.7 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.1 %	70-130			"	"	"

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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-7

6/1/2013 7:43:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-07 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.6 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-8

6/1/2013 7:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-08 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	83.6 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	98.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	89.8 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-9

6/1/2013 7:47:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-09 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.7 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	99.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.2 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-10

6/1/2013 7:48:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-10 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	92.5 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	103 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.4 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-11

6/1/2013 7:52:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-11 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
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Surrogate: o-Terphenyl	86.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"
Surrogate: Toluene-d8	99.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.5 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-12

6/1/2013 7:54:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-12 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
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Surrogate: o-Terphenyl	86.1 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"
Surrogate: Toluene-d8	99.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.0 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-13

6/1/2013 7:56:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-13 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
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Surrogate: o-Terphenyl	87.5 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.4 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-14

6/1/2013 7:58:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-14 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"
Surrogate: Toluene-d8	97.6 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.0 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-15
6/1/2013 8:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-15 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.4 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"
Surrogate: Toluene-d8	99.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.9 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-16

6/1/2013 8:03:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-16 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.0 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	99.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.5 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-17

6/1/2013 8:05:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-17 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.0 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.8 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-18

6/1/2013 8:07:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-18 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.8 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	98.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.1 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-19

6/1/2013 8:11:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-19 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.4 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-20

6/1/2013 8:14:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-20 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.9 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-21

6/1/2013 8:16:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-21 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-22

6/1/2013 8:18:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-22 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.1 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-23

6/1/2013 8:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-23 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.0 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-24

6/1/2013 8:22:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-24 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.1 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-25

6/1/2013 8:25:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-25 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	88.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	99.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-26

6/1/2013 8:27:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-26 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
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Surrogate: o-Terphenyl	86.8 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-27

6/1/2013 8:30:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-27 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.6 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-28

6/1/2013 8:32:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-28 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130			"	"	"
Surrogate: Toluene-d8	95.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	89.5 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-29

6/1/2013 8:34:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-29 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.4 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	98.8 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.1 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-30

6/1/2013 8:37:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-30 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.0 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-31

6/1/2013 8:39:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-31 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.1 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	1.0	mg/kg	2.5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.010	"	"	"	"	"
Toluene	ND	0.010	"	"	"	"	"
Ethylbenzene	ND	0.010	"	"	"	"	"
Xylenes, total	ND	0.010	"	"	"	"	"
Naphthalene	ND	0.025	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-32

6/1/2013 8:41:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-32 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.1 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130			"	"	"
Surrogate: Toluene-d8	98.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.5 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-33

6/1/2013 8:47:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-33 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	90.4 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-34

6/1/2013 8:50:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-34 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.0 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-35

6/1/2013 8:53:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-35 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.7 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-36

6/1/2013 8:55:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-36 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	91.8 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-37

6/1/2013 8:58:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-37 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-38

6/1/2013 9:01:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-38 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	88.0 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-39

6/1/2013 9:03:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-39 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	88.0 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-40

6/1/2013 9:06:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-40 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.8 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130			"	"	"
Surrogate: Toluene-d8	99.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-41

6/1/2013 9:09:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-41 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
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Surrogate: o-Terphenyl	90.6 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-42

6/1/2013 9:11:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-42 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.5 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-43

6/1/2013 9:14:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-43 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130			"	"	"
Surrogate: Toluene-d8	98.6 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"

Origins Laboratory, Inc.



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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-44

6/1/2013 9:16:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-44 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.8 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/01/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-45

6/1/2013 9:18:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-45 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	91.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-46

6/1/2013 9:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-46 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130			"	"	"
Surrogate: Toluene-d8	99.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-47

6/1/2013 9:31:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-47 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	98.2 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-48

6/1/2013 9:34:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-48 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.8 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	99.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-49

6/1/2013 9:38:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-49 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.0 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	99.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-50

6/1/2013 9:43:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-50 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.7 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-51

6/1/2013 9:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-51 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	88.7 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.9 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-52

6/1/2013 9:49:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-52 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-53

6/1/2013 9:50:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-53 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.7 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Napthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.8 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-54

6/1/2013 9:53:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-54 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.7 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.6 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

AOSS-55

6/1/2013 9:58:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306002-55 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
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Surrogate: o-Terphenyl	89.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	2.0	mg/kg	5	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.020	"	"	"	"	"
Toluene	ND	0.020	"	"	"	"	"
Ethylbenzene	ND	0.020	"	"	"	"	"
Xylenes, total	ND	0.020	"	"	"	"	"
Naphthalene	ND	0.050	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F01003 - EPA 5030 (soil)										
Blank (3F01003-BLK1)					Prepared: 06/01/2013 Analyzed: 06/01/2013					
Gasoline Range Hydrocarbons	ND	0.10	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		99.9	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		90.4	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Blank (3F01003-BLK2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Gasoline Range Hydrocarbons	ND	0.10	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		97.3	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		89.4	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

LCS (3F01003-BS1)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.19	0.0040	mg/kg	0.200		94.9	70-130			
Toluene	0.21	0.0040	"	0.200		105	70-130			
Ethylbenzene	0.20	0.0040	"	0.200		99.3	70-130			
Naphthalene	0.24	0.010	"	0.200		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	58		ug/kg	62.5		92.0	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.9	70-130			

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Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

LCS (3F01003-BS2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.20	0.0040	mg/kg	0.200		97.6	70-130			
Toluene	0.21	0.0040	"	0.200		105	70-130			
Ethylbenzene	0.21	0.0040	"	0.200		103	70-130			
Naphthalene	0.25	0.010	"	0.200		125	70-130			
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		90.6	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.3	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike (3F01003-MS1)		Source: X305171-16			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.20	0.0040	mg/kg	0.200	ND	98.1	70-130			
Toluene	0.20	0.0040	"	0.200	ND	101	70-130			
Ethylbenzene	0.20	0.0040	"	0.200	ND	101	70-130			
Naphthalene	0.22	0.010	"	0.200	ND	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	56		ug/kg	62.5		89.7	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.1	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike (3F01003-MS2)		Source: X305171-17			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.20	0.0040	mg/kg	0.200	ND	100	70-130			
Toluene	0.22	0.0040	"	0.200	ND	108	70-130			
Ethylbenzene	0.21	0.0040	"	0.200	ND	104	70-130			
Naphthalene	0.24	0.010	"	0.200	0.0007	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		91.0	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		90.1	70-130			

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Martin C Eckert III
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Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike Dup (3F01003-MSD1)		Source: X305171-16			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.19	0.0040	mg/kg	0.200	ND	93.3	70-130	5.06	20	
Toluene	0.20	0.0040	"	0.200	ND	98.0	70-130	3.25	20	
Ethylbenzene	0.19	0.0040	"	0.200	ND	97.2	70-130	3.42	20	
Naphthalene	0.23	0.010	"	0.200	ND	114	70-130	2.68	20	
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		91.1	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	57		"	62.5		91.6	70-130			

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Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike Dup (3F01003-MSD2)		Source: X305171-17			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.19	0.0040	mg/kg	0.200	ND	95.8	70-130	4.61	20	
Toluene	0.20	0.0040	"	0.200	ND	102	70-130	5.89	20	
Ethylbenzene	0.20	0.0040	"	0.200	ND	98.4	70-130	5.90	20	
Naphthalene	0.24	0.010	"	0.200	0.0007	118	70-130	1.66	20	
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		90.8	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.3	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

Blank (3F02001-BLK1)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Gasoline Range Hydrocarbons	ND	0.40	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		99.5	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.6	70-130			

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Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

Blank (3F02001-BLK2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Gasoline Range Hydrocarbons	0.0		mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		98.8	70-130			
Surrogate: Toluene-d8	62		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.7	70-130			

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Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

LCS (3F02001-BS1)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.41	0.0040	mg/kg	0.400		102	70-130			
Toluene	0.47	0.0040	"	0.400		117	70-130			
Ethylbenzene	0.43	0.0040	"	0.400		106	70-130			
Naphthalene	0.44	0.010	"	0.400		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		96.9	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		100	70-130			

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Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

LCS (3F02001-BS2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.42	0.0040	mg/kg	0.400		105	70-130			
Toluene	0.48	0.0040	"	0.400		120	70-130			
Ethylbenzene	0.44	0.0040	"	0.400		109	70-130			
Naphthalene	0.50	0.010	"	0.400		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		97.0	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.4	70-130			

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Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

LCS Dup (3F02001-BSD1)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.40	0.0040	mg/kg	0.400		99.4	70-130	2.65	20	
Toluene	0.45	0.0040	"	0.400		112	70-130	3.82	20	
Ethylbenzene	0.41	0.0040	"	0.400		101	70-130	4.80	20	
Naphthalene	0.51	0.010	"	0.400		129	70-130	15.2	20	
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		96.9	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

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Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

LCS Dup (3F02001-BSD2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.42	0.0040	mg/kg	0.400		105	70-130	0.124	20	
Toluene	0.48	0.0040	"	0.400		120	70-130	0.542	20	
Ethylbenzene	0.44	0.0040	"	0.400		109	70-130	0.358	20	
Naphthalene	0.51	0.010	"	0.400		129	70-130	3.74	20	
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		98.2	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.5	70-130			

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Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01004 - EPA 3580

Blank (3F01004-BLK1)				Prepared: 06/01/2013 Analyzed: 06/01/2013						
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	43		g	50.0		85.1	59-131			
Blank (3F01004-BLK2)				Prepared: 06/01/2013 Analyzed: 06/01/2013						
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	43		g	50.0		85.9	59-131			
LCS (3F01004-BS1)				Prepared: 06/01/2013 Analyzed: 06/01/2013						
Diesel (C10-C28)	967	50.0	mg/kg	1000		96.7	64-121			
Surrogate: o-Terphenyl	44		g	50.0		88.1	59-131			
LCS (3F01004-BS2)				Prepared: 06/01/2013 Analyzed: 06/01/2013						
Diesel (C10-C28)	897	50.0	mg/kg	1000		89.7	64-121			
Surrogate: o-Terphenyl	42		g	50.0		83.3	59-131			
Matrix Spike (3F01004-MS1)				Source: X305171-19		Prepared: 06/01/2013 Analyzed: 06/01/2013				
Diesel (C10-C28)	901	50.0	mg/kg	1000	ND	90.1	53-125			
Surrogate: o-Terphenyl	41		g	50.0		83.0	59-131			
Matrix Spike (3F01004-MS2)				Source: X305171-20		Prepared: 06/01/2013 Analyzed: 06/01/2013				
Diesel (C10-C28)	1840	50.0	mg/kg	1000	724	112	53-125			
Surrogate: o-Terphenyl	57		g	50.0		115	59-131			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Extractable Petroleum Hydrocarbons by 8015M - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F01004 - EPA 3580										
Matrix Spike Dup (3F01004-MSD1)			Source: X305171-19		Prepared: 06/01/2013 Analyzed: 06/01/2013					
Diesel (C10-C28)	942	50.0	mg/kg	1000	ND	94.2	53-125	4.37	20	
Surrogate: o-Terphenyl	43		g	50.0		85.1	59-131			
Matrix Spike Dup (3F01004-MSD2)			Source: X305171-20		Prepared: 06/01/2013 Analyzed: 06/01/2013					
Diesel (C10-C28)	1190	50.0	mg/kg	1000	724	46.6	53-125	42.9	20	QM-01
Surrogate: o-Terphenyl	53		g	50.0		106	59-131			
Batch 3F01006 - EPA 3580										
Blank (3F01006-BLK1)			Prepared: 06/01/2013 Analyzed: 06/02/2013							
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	45		g	50.0		89.2	59-131			
Blank (3F01006-BLK2)			Prepared: 06/01/2013 Analyzed: 06/02/2013							
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	46		g	50.0		91.0	59-131			
LCS (3F01006-BS1)			Prepared: 06/01/2013 Analyzed: 06/02/2013							
Diesel (C10-C28)	813	50.0	mg/kg	1000		81.3	64-121			
Surrogate: o-Terphenyl	44		g	50.0		88.7	59-131			
LCS (3F01006-BS2)			Prepared: 06/01/2013 Analyzed: 06/02/2013							
Diesel (C10-C28)	805	50.0	mg/kg	1000		80.5	64-121			
Surrogate: o-Terphenyl	46		g	50.0		91.4	59-131			
Matrix Spike (3F01006-MS1)			Source: X306002-31		Prepared: 06/01/2013 Analyzed: 06/02/2013					
Diesel (C10-C28)	858	50.0	mg/kg	1000	ND	85.8	53-125			
Surrogate: o-Terphenyl	44		g	50.0		88.2	59-131			

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Extractable Petroleum Hydrocarbons by 8015M - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F01006 - EPA 3580										
Matrix Spike (3F01006-MS2)		Source: X306002-32			Prepared: 06/01/2013 Analyzed: 06/02/2013					
Diesel (C10-C28)	831	50.0	mg/kg	1000	ND	83.1	53-125			
Surrogate: o-Terphenyl	42		g	50.0		84.3	59-131			
Matrix Spike Dup (3F01006-MSD1)		Source: X306002-31			Prepared: 06/01/2013 Analyzed: 06/02/2013					
Diesel (C10-C28)	775	50.0	mg/kg	1000	ND	77.5	53-125	10.2	20	
Surrogate: o-Terphenyl	45		g	50.0		89.6	59-131			
Matrix Spike Dup (3F01006-MSD2)		Source: X306002-32			Prepared: 06/01/2013 Analyzed: 06/02/2013					
Diesel (C10-C28)	706	50.0	mg/kg	1000	ND	70.6	53-125	16.3	20	
Surrogate: o-Terphenyl	43		g	50.0		85.3	59-131			

Origins Laboratory, Inc.



Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Notes and Definitions

QM-01 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Noelle E Doyle, President

Certificate of Analysis



June 3, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053107

Date Received: 05/31/13

Number of Samples Received: 7

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

Analysis	EPA Method	Lab ID on COC
BTEX / Nap	8260C	1 - 5
TPH - GRO/DRO	8260C/8015C	1 - 5
Arsenic	6010C	1 - 7

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Dieken".

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com

Certificate of Analysis

Chain of Custody

eANALYTICS
LABORATORY

June 3, 2013

Chain of Custody Form

eANALYTICS LABORATORY				1767 Rocky Mountain Avenue Loveland CO 80538 Phone: (970) 667-6975 Fax: (970) 669-0941 www.eAnalyticsLab.com					
CLIENT INFORMATION			ANALYSIS INFORMATION						
(*New Clients please fill out completely)			(Select analysis by checking box on corresponding sample line)						
Company: Eagle Environmental Consulting, Inc.			Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX (EPA 8260)	BTEX & Naphthalene (EPA 8260)	TPH - GRO/DRO (EPA 8260/8015)	Arsenic 6010c	Other Analysis
Project: Dyer 35-62-14N									
Project Manager: Martin Eckert III									
Sampler: Daniel Coloccia (970) 846-5781									
Phone/Email: 303-433-0479									
Address: 4101 Inca Street Denver, Colorado 80211									
Lab ID	Sample Name	Sampling Date/Time							
01	SSF - 33	5/31/13 1337 AM	1	S		X	X	X	
02	SSF - 34	1332 AM							
03	SSF - 35	1340 AM							
04	SSF - 36	1341 AM							
05	SSF - 37	1339 AM							
06	AR-1	1335 AM							
07	AR-2	1334 AM							
		AM / PM							
		AM / PM							
		AM / PM							
		AM / PM							
		AM / PM							
		AM / PM							
		AM / PM							
		AM / PM							
		AM / PM							
Comments:									
Turnaround Time (Business Days) TAT begins when sample is received by eANALYTICS <input type="radio"/> Normal (5-10 Days) <input type="radio"/> 3 Day (1.25x) <input checked="" type="radio"/> 2 Day (1.5x) <input type="radio"/> 1 Day (2x) <input type="radio"/> Same Day (3x) Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.					Record of Custody Relinquished by: <u>[Signature]</u> Date: 5/31/13 Company: Eagle Environmental Time: 1417 AM Received by: _____ Date: _____ Company: _____ Time: _____ AM / PM Relinquished by: _____ Date: _____ Company: _____ Time: _____ AM / PM Received by: <u>[Signature]</u> Date: 5/31-13 Company: eANALYTICS Time: 1417 AM				
For eANALYTICS Use Samples Received Intact <input checked="" type="radio"/> Yes / No Received Within Temperature Range (2-6°C) <input checked="" type="radio"/> Yes / No Sample Preservative <input checked="" type="radio"/> Ice / None <input type="radio"/> Acid / Other									

WO # 053107

eANALYTICS: Environmental testing made Easy

Page 1 of 1

eANALYTICS
LABORATORY

June 3, 2013

Project: Dyer 35-67-1HN

Lab ID: 053107

EPA Method: 8260C

[illegible]

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

eANALYTICS
LABORATORY

June 3, 2013

EPA Method: 6010C Arsenic

Todd Rhea

Page 5 of 7

Certificate of Analysis



June 1, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053110B

Date Received: 05/31/13

Number of Samples Received: 12

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

Analysis	EPA Method	Lab ID on COC
BTEX / Nap	8260C	21 - 32
TPH - GRO/DRO	8260C/8015C	21 - 32

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Dieken".

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com



A2LA & Department of Defense (DoD) Certified

eANALYTICS
LABORATORY

June 1, 2013

Project: Dyer 35-67-1HN

Lab ID: 053110B

EPA Method: 8260C

[illegible]

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

Certificate of Analysis



June 1, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053110A

Date Received: 05/31/13

Number of Samples Received: 20

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

Analysis	EPA Method	Lab ID on COC
BTEX / Nap	8260C	1 - 20
TPH - GRO/DRO	8260C/8015C	1 - 20

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

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Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com



A2LA & Department of Defense (DoD) Certified

Certificate of Analysis

Sample Analysis



June 1, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053110A

Matrix: SOIL
Batch ID: EA 05-31-13 C

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl- Benzene mg/kg	Total Xylenes mg/kg	Naph- thalene mg/kg	GRO C ₆ -C ₁₀ mg/kg	DRO C ₁₀ -C ₂₈ mg/kg	Date Sampled	Date Analyzed	Lab ID
FS-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-01
FS-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-02
FS-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-03
FS-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-04
FS-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-05
FS-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-06
FS-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-07
FS-8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-08
FS-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-09
FS-10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-10
FS-11	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053110-11
FS-12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-12
FS-13	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-13
FS-14	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-14
FS-15	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-15
FS-16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-16
FS-17	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-17
FS-18	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-18
FS-19	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-19
FS-20	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	06/01/13	053110-20

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

Certificate of Analysis

Surrogate Recoveries
(%)

eANALYTICS
LABORATORY

June 1, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053110A

EPA Method: 8260C

Sample Name	Dibromofluoromethane	1,2-Dichloroethane-D4	Toluene-D8	Bromofluorobenzene	Date Sampled	Date Analyzed	Lab ID
	(70-130%)	(70-130%)	(70-130%)	(70-130%)			
FS-1	103	100	94	90	05/31/13	05/31/13	053110-01
FS-2	91	88	91	94	05/31/13	05/31/13	053110-02
FS-3	87	87	93	88	05/31/13	05/31/13	053110-03
FS-4	90	95	89	93	05/31/13	05/31/13	053110-04
FS-5	98	103	91	97	05/31/13	05/31/13	053110-05
FS-6	94	92	91	91	05/31/13	05/31/13	053110-06
FS-7	95	91	101	87	05/31/13	05/31/13	053110-07
FS-8	94	92	99	88	05/31/13	05/31/13	053110-08
FS-9	103	92	103	94	05/31/13	05/31/13	053110-09
FS-10	96	103	92	89	05/31/13	05/31/13	053110-10
FS-11	87	94	93	101	05/31/13	05/31/13	053110-11
FS-12	97	88	95	87	05/31/13	06/01/13	053110-12
FS-13	98	93	87	95	05/31/13	06/01/13	053110-13
FS-14	98	93	89	87	05/31/13	06/01/13	053110-14
FS-15	102	100	103	102	05/31/13	06/01/13	053110-15
FS-16	98	101	97	102	05/31/13	06/01/13	053110-16
FS-17	94	96	92	96	05/31/13	06/01/13	053110-17
FS-18	103	94	99	87	05/31/13	06/01/13	053110-18
FS-19	89	102	101	99	05/31/13	06/01/13	053110-19
FS-20	94	99	93	89	05/31/13	06/01/13	053110-20

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

Certificate of Analysis



May 31, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053106B

Date Received: 05/31/13

Number of Samples Received: 12

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

Analysis	EPA Method	Lab ID on COC
BTEX / Nap	8260C	21 - 32
TPH - GRO/DRO	8260C/8015C	21 - 32

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you, we truly appreciate your business.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Dieken".

Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com



A2LA & Department of Defense (DoD) Certified

eANALYTICS
LABORATORY

May 31, 2013

Project: Dyer 35-67-1HN

Lab ID: 053106B

EPA Method: 8260C

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

Certificate of Analysis



May 31, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053106A

Date Received: 05/31/13

Number of Samples Received: 20

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

Analysis	EPA Method	Lab ID on COC
BTEX / Nap	8260C	1 - 20
TPH - GRO/DRO	8260C/8015C	1 - 20

All quality control analyses associated with the requested analyses were satisfactorily passed before the samples were run. If you have any questions please give us a call, we are happy to help.

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Sincerely,

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Christopher Dieken
Quality Assurance Manager
eAnalytics Laboratory
(970) 667-6975
info@eAnalyticsLab.com



A2LA & Department of Defense (DoD) Certified

Certificate of Analysis

Sample Analysis



May 31, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053106A

Matrix: SOIL
Batch ID: EA 05-31-13

EPA Method: 8260C BTEX / Nap
8260C/8015C TPH - GRO/DRO

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl- Benzene mg/kg	Total Xylenes mg/kg	Naph- thalene mg/kg	GRO C ₆ -C ₁₀ mg/kg	DRO C ₁₀ -C ₂₈ mg/kg	Date Sampled	Date Analyzed	Lab ID
SSF-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-01
SSF-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-02
SSF-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-03
SSF-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-04
SSF-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-05
SSF-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-06
SSF-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-07
SSF-8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-08
SSF-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-09
SSF-10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-10
SSF-11	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-11
SSF-12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-12
SSF-13	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-13
SSF-14	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-14
SSF-15	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-15
SSF-16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-16
SSF-17	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-17
SSF-18	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-18
SSF-19	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-19
SSF-20	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	05/31/13	05/31/13	053106-20

Todd Rhea

Laboratory Manager - eAnalytics Laboratory

Certificate of Analysis

Surrogate Recoveries
(%)

eANALYTICS
LABORATORY

May 31, 2013

Client: Eagle Environmental
4101 Inca Street
Denver, CO 80211

Project: Dyer 35-67-1HN

Lab ID: 053106A

EPA Method: 8260C

Sample Name	Dibromofluoromethane	1,2-Dichloroethane-D4	Toluene-D8	Bromofluorobenzene	Date Sampled	Date Analyzed	Lab ID
	(70-130%)	(70-130%)	(70-130%)	(70-130%)			
SSF-1	87	97	91	94	05/31/13	05/31/13	053106-01
SSF-2	97	88	91	93	05/31/13	05/31/13	053106-02
SSF-3	91	92	88	103	05/31/13	05/31/13	053106-03
SSF-4	93	95	92	97	05/31/13	05/31/13	053106-04
SSF-5	101	89	88	98	05/31/13	05/31/13	053106-05
SSF-6	91	102	87	91	05/31/13	05/31/13	053106-06
SSF-7	93	97	90	101	05/31/13	05/31/13	053106-07
SSF-8	101	99	95	99	05/31/13	05/31/13	053106-08
SSF-9	95	89	102	90	05/31/13	05/31/13	053106-09
SSF-10	92	93	96	93	05/31/13	05/31/13	053106-10
SSF-11	98	101	100	103	05/31/13	05/31/13	053106-11
SSF-12	96	102	91	103	05/31/13	05/31/13	053106-12
SSF-13	97	103	101	100	05/31/13	05/31/13	053106-13
SSF-14	88	93	92	95	05/31/13	05/31/13	053106-14
SSF-15	90	102	93	103	05/31/13	05/31/13	053106-15
SSF-16	90	97	95	94	05/31/13	05/31/13	053106-16
SSF-17	100	100	94	96	05/31/13	05/31/13	053106-17
SSF-18	91	98	89	87	05/31/13	05/31/13	053106-18
SSF-19	98	97	92	98	05/31/13	05/31/13	053106-19
SSF-20	93	96	98	101	05/31/13	05/31/13	053106-20

Todd Rhea

Laboratory Manager - eAnalytics Laboratory



June 02, 2013

Eagle Environmental Consulting, Inc.

Martin C Eckert III

4101 Inca Street

Denver

CO 80211

Project Name - Noble - Dyer 35-67-1 HN

Project Number - Dyer 35-67-1 HN

Attached are you analytical results for Noble - Dyer 35-67-1 HN received by Origins Laboratory, Inc. June 01, 2013. This project is associated with Origins project number X306003-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-6 @ 1"	X306003-01	Soil	June 1, 2013 10:46	06/01/2013 13:24
SS-7 @ 3"	X306003-02	Soil	June 1, 2013 10:50	06/01/2013 13:24
SS-8 @ 1"	X306003-03	Soil	June 1, 2013 10:52	06/01/2013 13:24
SS-37 @ 1"	X306003-04	Soil	June 1, 2013 10:59	06/01/2013 13:24
SS-38 @ 1"	X306003-05	Soil	June 1, 2013 11:00	06/01/2013 13:24
SS-39 @ 1"	X306003-06	Soil	June 1, 2013 11:02	06/01/2013 13:24
SS-40 @ 1"	X306003-07	Soil	June 1, 2013 11:04	06/01/2013 13:24
SS-41 @ 1"	X306003-08	Soil	June 1, 2013 11:06	06/01/2013 13:24
SS-42 @ 1"	X306003-09	Soil	June 1, 2013 11:08	06/01/2013 13:24
SS-43 @ 1"	X306003-10	Soil	June 1, 2013 11:10	06/01/2013 13:24
SS-44 @ 1"	X306003-11	Soil	June 1, 2013 11:12	06/01/2013 13:24
SS-45 @ 1"	X306003-12	Soil	June 1, 2013 11:20	06/01/2013 13:24

Origins Laboratory, Inc.



Noelle E Doyle, President

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

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X306003 page 1 of 2

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting, Inc.
Address: 4101 Inca St, Denver, CO 80211
Telephone Number: 303-834-2851
Email Address: MCE@eagle-environment.com

Project Manager: M. Eckert
Project Name: Dyer 35-67-1 HN
Project Number:
Samples Collected By: MCE/DC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	GC/MS	
SS-6e1 ^h	6/1/13	1044	1										1
SS-7e2 ^h		1050											2
SS-8e1 ^h		1052											3
SS-9e1 ^h		1054											4
SS-38e1 ^h		1100											5
SS-39e1 ^h		1102											6
SS-40e1 ^h		1104											7
SS-41e1 ^h		1106											8
SS-42e1 ^h		1108											9
SS-43e1 ^h		1110											10
Relinquished By:	Date: 6/1/13	Time: 1224											Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input checked="" type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>
Relinquished By:	Date:	Time:											

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Noelle E Doyle

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

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X306003 page 2 of 2

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting, Inc.
Address: 4101 Inca St Denver CO 80211
Telephone Number: 303-734-7841
Email Address: M.C.Eckert@eagle-environmental.com

Project Manager: M. Eckert
Project Name: Dyer 35-67-1 HN
Project Number:
Samples Collected By: MCE/jlc

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
SS-VL @ 1"	6/1/13	1112	1	K									1
SS-VS @ 1"	6/1/13	1120	1	K									2
													3
													4
													5
													6
													7
													8
													9
													10

Relinquished By: [Signature] Date: 6/1/13 Time: 1224
Relinquished By: [Signature] Date: 6/6/13 Time: 1224

Turnaround Time: Same Day ☐ 24 Hr ☒ 48 Hr ☐ 72 Hr ☐ Standard ☐

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: X306003

Client: EAGLE

Client Project ID: DYER 35-67

Checklist Completed by: [Signature]

Shipped Via: A/D

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/1/13

Airbill #: N/A

Matrix(s) Received: (Check all that apply): X Soil/Solid Water Other:

Cooler Number/Temperature: 115 °C °C °C (Describe)

Thermometer ID: T602

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		X		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	SOIL
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			X	SOIL
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date, time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-6 @ 1"
6/1/2013 10:46:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-01 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.2 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	116 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	82.2 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-7 @ 3"
6/1/2013 10:50:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	88.0 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"
Surrogate: Toluene-d8	103 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.3 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-8 @ 1"

6/1/2013 10:52:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-03 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.4 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.5 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-37 @ 1"
6/1/2013 10:59:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	93.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130			"	"	"
Surrogate: Toluene-d8	107 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	89.7 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-38 @ 1"
6/1/2013 11:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	93.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
Surrogate: Toluene-d8	97.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	89.5 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-39 @ 1"
6/1/2013 11:02:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-06 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: <i>o</i> -Terphenyl	97.6 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.9 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-40 @ 1"
6/1/2013 11:04:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-07 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.5 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	99.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.3 %	70-130			"	"	"

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-41 @ 1"
6/1/2013 11:06:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-08 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	88.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	98.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.5 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-42 @ 1"
6/1/2013 11:08:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-09 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	90.1 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.8 %	70-130			"	"	"

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-43 @ 1"
6/1/2013 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-10 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	90.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	99.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-44 @ 1"
6/1/2013 11:12:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-11 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.5 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130			"	"	"
Surrogate: Toluene-d8	103 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.6 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-45 @ 1"
6/1/2013 11:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X306003-12 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01006	06/01/2013	06/02/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.6 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.40	mg/kg	1	3F02001	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	97.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.2 %	70-130			"	"	"

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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

Blank (3F02001-BLK1)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Gasoline Range Hydrocarbons	ND	0.40	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		99.5	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.6	70-130			

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

Blank (3F02001-BLK2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Gasoline Range Hydrocarbons	0.0		mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		98.8	70-130			
Surrogate: Toluene-d8	62		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.7	70-130			

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F02001 - EPA 5030 (soil)										
LCS (3F02001-BS1)					Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.41	0.0040	mg/kg	0.400		102	70-130			
Toluene	0.47	0.0040	"	0.400		117	70-130			
Ethylbenzene	0.43	0.0040	"	0.400		106	70-130			
Naphthalene	0.44	0.010	"	0.400		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		96.9	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		100	70-130			

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

LCS (3F02001-BS2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.42	0.0040	mg/kg	0.400		105	70-130			
Toluene	0.48	0.0040	"	0.400		120	70-130			
Ethylbenzene	0.44	0.0040	"	0.400		109	70-130			
Naphthalene	0.50	0.010	"	0.400		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		97.0	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.4	70-130			

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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 3F02001 - EPA 5030 (soil)

LCS Dup (3F02001-BSD1)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.40	0.0040	mg/kg	0.400		99.4	70-130	2.65	20	
Toluene	0.45	0.0040	"	0.400		112	70-130	3.82	20	
Ethylbenzene	0.41	0.0040	"	0.400		101	70-130	4.80	20	
Naphthalene	0.51	0.010	"	0.400		129	70-130	15.2	20	
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		96.9	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F02001 - EPA 5030 (soil)

LCS Dup (3F02001-BSD2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.42	0.0040	mg/kg	0.400		105	70-130	0.124	20	
Toluene	0.48	0.0040	"	0.400		120	70-130	0.542	20	
Ethylbenzene	0.44	0.0040	"	0.400		109	70-130	0.358	20	
Naphthalene	0.51	0.010	"	0.400		129	70-130	3.74	20	
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		98.2	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.5	70-130			

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01006 - EPA 3580

Blank (3F01006-BLK1)

Prepared: 06/01/2013 Analyzed: 06/02/2013

Diesel (C10-C28) ND 50.0 mg/kg

Surrogate: o-Terphenyl 45 g 50.0 89.2 59-131

Blank (3F01006-BLK2)

Prepared: 06/01/2013 Analyzed: 06/02/2013

Diesel (C10-C28) ND 50.0 mg/kg

Surrogate: o-Terphenyl 46 g 50.0 91.0 59-131

LCS (3F01006-BS1)

Prepared: 06/01/2013 Analyzed: 06/02/2013

Diesel (C10-C28) 813 50.0 mg/kg 1000

Surrogate: o-Terphenyl 44 g 50.0 88.7 59-131

LCS (3F01006-BS2)

Prepared: 06/01/2013 Analyzed: 06/02/2013

Diesel (C10-C28) 805 50.0 mg/kg 1000

Surrogate: o-Terphenyl 46 g 50.0 91.4 59-131

Matrix Spike (3F01006-MS1)

Source: X306002-31

Prepared: 06/01/2013 Analyzed: 06/02/2013

Diesel (C10-C28) 858 50.0 mg/kg 1000

Surrogate: o-Terphenyl 44 g 50.0 88.2 59-131

Matrix Spike (3F01006-MS2)

Source: X306002-32

Prepared: 06/01/2013 Analyzed: 06/02/2013

Diesel (C10-C28) 831 50.0 mg/kg 1000

Surrogate: o-Terphenyl 42 g 50.0 84.3 59-131

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01006 - EPA 3580

Matrix Spike Dup (3F01006-MSD1)		Source: X306002-31			Prepared: 06/01/2013 Analyzed: 06/02/2013					
Diesel (C10-C28)	775	50.0	mg/kg	1000	ND	77.5	53-125	10.2	20	
Surrogate: o-Terphenyl	45		g	50.0		89.6	59-131			
Matrix Spike Dup (3F01006-MSD2)		Source: X306002-32			Prepared: 06/01/2013 Analyzed: 06/02/2013					
Diesel (C10-C28)	706	50.0	mg/kg	1000	ND	70.6	53-125	16.3	20	
Surrogate: o-Terphenyl	43		g	50.0		85.3	59-131			

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Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Origins Laboratory, Inc.



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Noelle E Doyle, President



June 02, 2013

Eagle Environmental Consulting, Inc.

Martin C Eckert III

4101 Inca Street

Denver

CO 80211

Project Name - Noble - Dyer 35-67-1 HN

Project Number - Dyer 35-67-1 HN

Attached are you analytical results for Noble - Dyer 35-67-1 HN received by Origins Laboratory, Inc. May 31, 2013. This project is associated with Origins project number X305171-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-9 @ 1"	X305171-01	Soil	May 31, 2013 16:40	05/31/2013 20:39
SS-10 @ 3"	X305171-02	Soil	May 31, 2013 16:38	05/31/2013 20:39
SS-11 @ 1"	X305171-03	Soil	May 31, 2013 16:43	05/31/2013 20:39
SS-12 @ 1"	X305171-04	Soil	May 31, 2013 16:45	05/31/2013 20:39
SS-13 @ 3"	X305171-05	Soil	May 31, 2013 16:49	05/31/2013 20:39
SS-14 @ 1"	X305171-06	Soil	May 31, 2013 16:53	05/31/2013 20:39
SS-15 @ 1"	X305171-07	Soil	May 31, 2013 16:54	05/31/2013 20:39
SS-16 @ 1"	X305171-08	Soil	May 31, 2013 16:58	05/31/2013 20:39
SS-17 @ 1"	X305171-09	Soil	May 31, 2013 16:59	05/31/2013 20:39
SS-18 @ 1"	X305171-10	Soil	May 31, 2013 17:03	05/31/2013 20:39
SS-19 @ 1"	X305171-11	Soil	May 31, 2013 17:06	05/31/2013 20:39
SS-20 @ 1"	X305171-12	Soil	May 31, 2013 17:09	05/31/2013 20:39
SS-21 @ 1' 4"	X305171-13	Soil	May 31, 2013 18:33	05/31/2013 20:39
SS-22 @ 1"	X305171-14	Soil	May 31, 2013 17:17	05/31/2013 20:39

Origins Laboratory, Inc.



Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-23 @ 3"	X305171-15	Soil	May 31, 2013 18:37	05/31/2013 20:39
SS-24 @ 1"	X305171-16	Soil	May 31, 2013 17:22	05/31/2013 20:39
SS-25 @ 1"	X305171-17	Soil	May 31, 2013 17:26	05/31/2013 20:39
SS-26 @ 1"	X305171-18	Soil	May 31, 2013 17:29	05/31/2013 20:39
SS-27 @ 1"	X305171-19	Soil	May 31, 2013 17:34	05/31/2013 20:39
SS-28 @ 3"	X305171-20	Soil	May 31, 2013 17:38	05/31/2013 20:39
SS-29 @ 1"	X305171-21	Soil	May 31, 2013 17:45	05/31/2013 20:39
SS-30 @ 1"	X305171-22	Soil	May 31, 2013 17:50	05/31/2013 20:39
SS-31 @ 1"	X305171-23	Soil	May 31, 2013 17:54	05/31/2013 20:39
SS-32 @ 1"	X305171-24	Soil	May 31, 2013 17:56	05/31/2013 20:39
SS-33 @ 1"	X305171-25	Soil	May 31, 2013 18:02	05/31/2013 20:39
SS-34 @ 1"	X305171-26	Soil	May 31, 2013 18:06	05/31/2013 20:39
SS-35 @ 1"	X305171-27	Soil	May 31, 2013 18:09	05/31/2013 20:39
SS-36 @ 1"	X305171-28	Soil	May 31, 2013 18:13	05/31/2013 20:39

Origins Laboratory, Inc.



Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

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1305171

page 1 of 3

ORIGINS
LABORATORY, INC

Project Manager: M. Eckert
Project Name: DYER 35-67-1 HN
Project Number: DYER 35-67-1 HN
Samples Collected By: D. Lobbocia / M. Eckert III

Client: EAGLE ENVIRONMENTAL CONSULTING, INC.
Address: 4101 INCA ST DENVER CO 80211
Telephone Number: 303-433-0474
Email Address: MLE3@eagle-environment.com

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
SS-9e1"	5/31/13	1640	1	X					X			TPH, GAO, DFO, BTEX, Naph, PAHs, PCBs, PCE, OCE	1
SS-10e3"		1638	1										2
SS-11e1"		1643	1										3
SS-12e1"		1645	1										4
SS-13e3"		1649	1										5
SS-14e1"		1653	1										6
SS-15e1"		1654	1										7
SS-16e1"		1658	1										8
SS-17e1"		1659	1										9
SS-18e1"		1703	1										10
Relinquished By: [Signature]	Date: 5/31/13	Time: 2039		Received By: [Signature]	Date: 5/31/13	Time: 2039		Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>					

1725 Elk Place | Phone: 303.433.1322 | Fax: 303.265.9645 | Denver, CO 80211

Origins Laboratory, Inc.

[Signature]

Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

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page 2 of 3

X305171

ORIGINS
LABORATORY, INC

Project Manager: Martin Eckert III
Project Name: Dyer 35-67-1 HN
Project Number: Dyer 35-67-1 HN
Samples Collected By: D. Gibaccia / M. Eckert III

Client: Eagle Environmental Consulting
Address: 4101 Inca St. Denver CO 80211
Telephone Number: 303-433-2179
Email Address: me3@eagle-enviro.com

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
SS-19@1"	5/3/13	1706	1	X									1
SS-20@1"		1709											2
SS-21@14"		1933											3
SS-22@1"		1717											4
SS-23@3"		1837											5
SS-24@1"		1722											6
SS-25@1"		1726											7
SS-26@1"		1729											8
SS-27@1"		1734											9
SS-28@3"		1738											10
Relinquished By: [Signature]	Date: 5/3/13	Time: 2039											Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>
Relinquished By: [Signature]	Date: 5/3/13	Time: 2039											

Origins Laboratory, Inc.

Noelle E Doyle

Noelle E Doyle, President

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

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X305171

page 3 of 3

ORIGINS
LABORATORY, INC

Project Manager: Martin Eckert III
Project Name: Dyer 35-67-1 HN
Project Number: Dyer 35-67-1 HN
Samples Collected By: D. Galicia / M. Eckert III

Client: Eagle Environmental Consulting
Address: 4101 Inca St. Denver, CO 80211
Telephone Number: 303-433-0479
Email Address: mca3@eagle-environment.com

Fax: 303.265.9645

Phone: 303.433.1322

Denver, CO 80211

1725 Elk Place

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
SS-2901"	5/31/13	1745	1	X					X			1	
SS-3001"		1750	1									2	
SS-3101"		1754	1									3	
SS-3201"		1756	1									4	
SS-3301"		1802	1									5	
SS-3401"		1806	1									6	
SS-3501"		1809	1									7	
SS-3601"		1813	1									8	
												9	
												10	

Relinquished By: [Signature] Date: 5/31/13 Time: 2039
Relinquished By: [Signature] Date: 5/31/13 Time: 2034

Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☒ 72 Hr ☐ Standard ☐

Origins Laboratory, Inc.

Noelle E Doyle

Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: X305171

Client: EAGLE

Client Project ID: DYER-35-37-1 HN

Checklist Completed by: DAVID MATHIS

Shipped Via: H/D

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 05-31-13 2045

Airbill #:

Matrix(s) Received: (Check all that apply): X Soil/Solid

Water

Other:

Cooler Number/Temperature: 1 / 3.1 °C / °C / °C (Describe)

Thermometer ID: T602

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		X		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			X	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date, time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

05-31-13 2050
Date/Time Reviewed

Origins Laboratory, Inc.

Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-9 @ 1"

5/31/2013 4:40:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-01 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	83.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	97.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-10 @ 3"

5/31/2013 4:38:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	85.6 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	98.0 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.6 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-11 @ 1"

5/31/2013 4:43:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-03 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	82.5 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	99.8 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.1 %	70-130			"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-12 @ 1"

5/31/2013 4:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	84.8 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	99.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.8 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-13 @ 3"

5/31/2013 4:49:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	84.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	99.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-14 @ 1"

5/31/2013 4:53:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-06 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	83.0 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
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Benzene	ND	0.0040	"	"	"	"	"
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Toluene	ND	0.0040	"	"	"	"	"
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Ethylbenzene	ND	0.0040	"	"	"	"	"
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Xylenes, total	ND	0.0040	"	"	"	"	"
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Napthalene	ND	0.010	"	"	"	"	"
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Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130			"	"	"
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Surrogate: Toluene-d8	99.0 %	70-130			"	"	"
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Surrogate: 4-Bromofluorobenzene	93.6 %	70-130			"	"	"
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Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-15 @ 1"

5/31/2013 4:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-07 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	84.7 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"
Surrogate: Toluene-d8	99.1 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.1 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-16 @ 1"

5/31/2013 4:58:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-08 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.1 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	98.0 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.4 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-17 @ 1"

5/31/2013 4:59:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-09 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	99.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-18 @ 1"

5/31/2013 5:03:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-10 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.2 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.1 %	70-130			"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-19 @ 1"

5/31/2013 5:06:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-11 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.8 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	98.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.0 %	70-130			"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-20 @ 1"

5/31/2013 5:09:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-12 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	84.9 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
-----------------------------	----	------	-------	---	---------	------------	------------

Benzene	ND	0.0040	"	"	"	"	"
---------	----	--------	---	---	---	---	---

Toluene	ND	0.0040	"	"	"	"	"
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Ethylbenzene	ND	0.0040	"	"	"	"	"
--------------	----	--------	---	---	---	---	---

Xylenes, total	ND	0.0040	"	"	"	"	"
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Napthalene	ND	0.010	"	"	"	"	"
------------	----	-------	---	---	---	---	---

Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130			"	"	"
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Surrogate: Toluene-d8	93.3 %	70-130			"	"	"
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Surrogate: 4-Bromofluorobenzene	91.9 %	70-130			"	"	"
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Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-21 @ 1' 4"
5/31/2013 6:33:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-13 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	86.3 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	0.515	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	0.0050	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130			"	"	"
Surrogate: Toluene-d8	103 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.1 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-22 @ 1"

5/31/2013 5:17:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-14 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	86.7 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	1.03	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130			"	"	06/01/2013
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.7 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-23 @ 3"

5/31/2013 6:37:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-15 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.1 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.6 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-24 @ 1"

5/31/2013 5:22:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-16 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	86.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	06/01/2013
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	99.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.2 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-25 @ 1"

5/31/2013 5:26:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-17 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.2 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.0 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-26 @ 1"

5/31/2013 5:29:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-18 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	06/01/2013
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Surrogate: o-Terphenyl	84.1 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.6 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-27 @ 1"

5/31/2013 5:34:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-19 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	85.6 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	1.13	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	99.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.0 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-28 @ 3"

5/31/2013 5:38:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-20 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	724	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
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Surrogate: o-Terphenyl	84.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	4.02	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	0.0284	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
Surrogate: Toluene-d8	97.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	96.4 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-29 @ 1"

5/31/2013 5:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-21 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	84.3 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	98.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.4 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-30 @ 1"

5/31/2013 5:50:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-22 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	84.9 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
m,p-Xylene	ND	0.0080	"	"	"	"	"
o-Xylene	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-31 @ 1"

5/31/2013 5:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-23 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	87.4 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.9 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-32 @ 1"

5/31/2013 5:56:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-24 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	82.9 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	98.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.3 %	70-130			"	"	"

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-33 @ 1"

5/31/2013 6:02:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-25 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	83.4 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
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Benzene	ND	0.0040	"	"	"	"	"
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Toluene	ND	0.0040	"	"	"	"	"
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Ethylbenzene	ND	0.0040	"	"	"	"	"
--------------	----	--------	---	---	---	---	---

Xylenes, total	ND	0.0040	"	"	"	"	"
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Napthalene	ND	0.010	"	"	"	"	"
------------	----	-------	---	---	---	---	---

Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130			"	"	"
----------------------------------	--------	--------	--	--	---	---	---

Surrogate: Toluene-d8	97.9 %	70-130			"	"	"
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Surrogate: 4-Bromofluorobenzene	92.4 %	70-130			"	"	"
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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-34 @ 1"

5/31/2013 6:06:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-26 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	83.9 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/01/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.0 %	70-130			"	"	"

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-35 @ 1"

5/31/2013 6:09:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-27 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
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Surrogate: o-Terphenyl	83.3 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130			"	"	"
Surrogate: Toluene-d8	98.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	89.7 %	70-130			"	"	"

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-36 @ 1"

5/31/2013 6:13:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305171-28 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3F01004	06/01/2013	06/01/2013
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Surrogate: o-Terphenyl	81.1 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3F01003	06/01/2013	06/02/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130			"	"	"
Surrogate: Toluene-d8	99.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	88.7 %	70-130			"	"	"

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3E31007 - EPA 5030 (soil)

Blank (3E31007-BLK1)

Prepared: 05/31/2013 Analyzed: 05/31/2013

Gasoline Range Hydrocarbons	ND	0.10	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
m,p-Xylene	ND	0.0080	"							
o-Xylene	ND	0.0040	"							
Naphthalene	ND	0.0010	"							
Surrogate: 1,2-Dichloroethane-d4	63		ug/kg	62.5		100	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.4	70-130			

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E31007 - EPA 5030 (soil)										
LCS (3E31007-BS1)					Prepared: 05/31/2013 Analyzed: 05/31/2013					
Benzene	0.17	0.0040	mg/kg	0.200		86.0	70-130			
Toluene	0.19	0.0040	"	0.200		92.8	70-130			
Ethylbenzene	0.20	0.0040	"	0.200		99.6	70-130			
m,p-Xylene	0.37	0.0080	"	0.400		92.9	70-130			
o-Xylene	0.17	0.0040	"	0.200		84.0	70-130			
Naphthalene	0.18	0.0010	"	0.200		88.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	50		ug/kg	62.5		79.6	70-130			
Surrogate: Toluene-d8	60		"	62.5		96.1	70-130			
Surrogate: 4-Bromofluorobenzene	55		"	62.5		87.8	70-130			

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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E31007 - EPA 5030 (soil)										
Matrix Spike (3E31007-MS1)		Source: X305165-02			Prepared: 05/31/2013 Analyzed: 05/31/2013					
Benzene	0.16	0.0040	mg/kg	0.200	ND	78.5	70-130			
Toluene	0.17	0.0040	"	0.200	ND	83.4	70-130			
Ethylbenzene	0.17	0.0040	"	0.200	ND	83.0	70-130			
m,p-Xylene	0.30	0.0080	"	0.400	ND	75.0	70-130			
o-Xylene	0.15	0.0040	"	0.200	ND	73.4	70-130			
Naphthalene	0.20	0.0010	"	0.200	ND	98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	58		ug/kg	62.5		92.4	70-130			
Surrogate: Toluene-d8	60		"	62.5		95.3	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.7	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E31007 - EPA 5030 (soil)										
Matrix Spike Dup (3E31007-MSD1)			Source: X305165-02		Prepared: 05/31/2013 Analyzed: 05/31/2013					
Benzene	0.17	0.0040	mg/kg	0.200	ND	83.5	70-130	6.20	20	
Toluene	0.18	0.0040	"	0.200	ND	88.0	70-130	5.39	20	
Ethylbenzene	0.17	0.0040	"	0.200	ND	85.5	70-130	2.99	20	
m,p-Xylene	0.32	0.0080	"	0.400	ND	79.5	70-130	5.78	20	
o-Xylene	0.15	0.0040	"	0.200	ND	77.4	70-130	5.28	20	
Naphthalene	0.22	0.0010	"	0.200	ND	109	70-130	10.2	20	
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		98.2	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.9	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F01003 - EPA 5030 (soil)										
Blank (3F01003-BLK1)					Prepared: 06/01/2013 Analyzed: 06/01/2013					
Gasoline Range Hydrocarbons	ND	0.10	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		99.9	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		90.4	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F01003 - EPA 5030 (soil)										
Blank (3F01003-BLK2)					Prepared: 06/01/2013 Analyzed: 06/01/2013					
Gasoline Range Hydrocarbons	ND	0.10	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
Naphthalene	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		97.3	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		89.4	70-130			

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Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

LCS (3F01003-BS1)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.19	0.0040	mg/kg	0.200		94.9	70-130			
Toluene	0.21	0.0040	"	0.200		105	70-130			
Ethylbenzene	0.20	0.0040	"	0.200		99.3	70-130			
Naphthalene	0.24	0.010	"	0.200		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	58		ug/kg	62.5		92.0	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.9	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

LCS (3F01003-BS2)

Prepared: 06/01/2013 Analyzed: 06/01/2013

Benzene	0.20	0.0040	mg/kg	0.200		97.6	70-130			
Toluene	0.21	0.0040	"	0.200		105	70-130			
Ethylbenzene	0.21	0.0040	"	0.200		103	70-130			
Naphthalene	0.25	0.010	"	0.200		125	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>57</i>		<i>ug/kg</i>	<i>62.5</i>		<i>90.6</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>63</i>		<i>"</i>	<i>62.5</i>		<i>101</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>58</i>		<i>"</i>	<i>62.5</i>		<i>92.3</i>	<i>70-130</i>			

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Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike (3F01003-MS1)		Source: X305171-16			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.20	0.0040	mg/kg	0.200	ND	98.1	70-130			
Toluene	0.20	0.0040	"	0.200	ND	101	70-130			
Ethylbenzene	0.20	0.0040	"	0.200	ND	101	70-130			
Naphthalene	0.22	0.010	"	0.200	ND	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	56		ug/kg	62.5		89.7	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.1	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike (3F01003-MS2)		Source: X305171-17			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.20	0.0040	mg/kg	0.200	ND	100	70-130			
Toluene	0.22	0.0040	"	0.200	ND	108	70-130			
Ethylbenzene	0.21	0.0040	"	0.200	ND	104	70-130			
Naphthalene	0.24	0.010	"	0.200	0.0007	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		91.0	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		90.1	70-130			

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4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike Dup (3F01003-MSD1)		Source: X305171-16			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.19	0.0040	mg/kg	0.200	ND	93.3	70-130	5.06	20	
Toluene	0.20	0.0040	"	0.200	ND	98.0	70-130	3.25	20	
Ethylbenzene	0.19	0.0040	"	0.200	ND	97.2	70-130	3.42	20	
Naphthalene	0.23	0.010	"	0.200	ND	114	70-130	2.68	20	
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		91.1	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	57		"	62.5		91.6	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3F01003 - EPA 5030 (soil)

Matrix Spike Dup (3F01003-MSD2)		Source: X305171-17			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Benzene	0.19	0.0040	mg/kg	0.200	ND	95.8	70-130	4.61	20	
Toluene	0.20	0.0040	"	0.200	ND	102	70-130	5.89	20	
Ethylbenzene	0.20	0.0040	"	0.200	ND	98.4	70-130	5.90	20	
Naphthalene	0.24	0.010	"	0.200	0.0007	118	70-130	1.66	20	
Surrogate: 1,2-Dichloroethane-d4	57		ug/kg	62.5		90.8	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.3	70-130			

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Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3E31006 - EPA 3580

Blank (3E31006-BLK1)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	44		g	50.0		87.2	59-131			
Blank (3E31006-BLK2)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	46		g	50.0		91.7	59-131			
LCS (3E31006-BS1)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	1110	50.0	mg/kg	1000		111	64-121			
Surrogate: o-Terphenyl	42		g	50.0		84.6	59-131			
LCS (3E31006-BS2)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	1100	50.0	mg/kg	1000		110	64-121			
Surrogate: o-Terphenyl	41		g	50.0		82.7	59-131			
Matrix Spike (3E31006-MS1)				Source: X305162-01		Prepared: 05/31/2013 Analyzed: 05/31/2013				
Diesel (C10-C28)	1150	50.0	mg/kg	1000	ND	115	53-125			
Surrogate: o-Terphenyl	44		g	50.0		87.4	59-131			
Matrix Spike (3E31006-MS2)				Source: X305166-01		Prepared: 05/31/2013 Analyzed: 05/31/2013				
Diesel (C10-C28)	1390	50.0	mg/kg	1000	74.5	131	53-125			QM-04
Surrogate: o-Terphenyl	43		g	50.0		86.0	59-131			

Origins Laboratory, Inc.



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Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Extractable Petroleum Hydrocarbons by 8015M - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E31006 - EPA 3580										
Matrix Spike Dup (3E31006-MSD1)			Source: X305162-01		Prepared: 05/31/2013 Analyzed: 05/31/2013					
Diesel (C10-C28)	1160	50.0	mg/kg	1000	ND	116	53-125	0.250	20	
Surrogate: o-Terphenyl	43		g	50.0		85.9	59-131			
Matrix Spike Dup (3E31006-MSD2)			Source: X305166-01		Prepared: 05/31/2013 Analyzed: 05/31/2013					
Diesel (C10-C28)	1240	50.0	mg/kg	1000	74.5	116	53-125	11.6	20	
Surrogate: o-Terphenyl	42		g	50.0		84.2	59-131			
Batch 3F01004 - EPA 3580										
Blank (3F01004-BLK1)			Prepared: 06/01/2013 Analyzed: 06/01/2013							
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	43		g	50.0		85.1	59-131			
Blank (3F01004-BLK2)			Prepared: 06/01/2013 Analyzed: 06/01/2013							
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	43		g	50.0		85.9	59-131			
LCS (3F01004-BS1)			Prepared: 06/01/2013 Analyzed: 06/01/2013							
Diesel (C10-C28)	967	50.0	mg/kg	1000		96.7	64-121			
Surrogate: o-Terphenyl	44		g	50.0		88.1	59-131			
LCS (3F01004-BS2)			Prepared: 06/01/2013 Analyzed: 06/01/2013							
Diesel (C10-C28)	897	50.0	mg/kg	1000		89.7	64-121			
Surrogate: o-Terphenyl	42		g	50.0		83.3	59-131			
Matrix Spike (3F01004-MS1)			Source: X305171-19		Prepared: 06/01/2013 Analyzed: 06/01/2013					
Diesel (C10-C28)	901	50.0	mg/kg	1000	ND	90.1	53-125			
Surrogate: o-Terphenyl	41		g	50.0		83.0	59-131			

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Extractable Petroleum Hydrocarbons by 8015M - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F01004 - EPA 3580										
Matrix Spike (3F01004-MS2)		Source: X305171-20			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Diesel (C10-C28)	1840	50.0	mg/kg	1000	724	112	53-125			
Surrogate: o-Terphenyl	57		g	50.0		115	59-131			
Matrix Spike Dup (3F01004-MSD1)		Source: X305171-19			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Diesel (C10-C28)	942	50.0	mg/kg	1000	ND	94.2	53-125	4.37	20	
Surrogate: o-Terphenyl	43		g	50.0		85.1	59-131			
Matrix Spike Dup (3F01004-MSD2)		Source: X305171-20			Prepared: 06/01/2013 Analyzed: 06/01/2013					
Diesel (C10-C28)	1190	50.0	mg/kg	1000	724	46.6	53-125	42.9	20	QM-01
Surrogate: o-Terphenyl	53		g	50.0		106	59-131			

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Notes and Definitions

QM-04 Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

QM-01 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Origins Laboratory, Inc.



Noelle E Doyle, President

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June 02, 2013

Eagle Environmental Consulting, Inc.

Martin C Eckert III

4101 Inca Street

Denver

CO 80211

Project Name - Noble - Dyer 35-67-1 HN

Project Number - Dyer 35-67-1 HN

Attached are you analytical results for Noble - Dyer 35-67-1 HN received by Origins Laboratory, Inc. May 30, 2013. This project is associated with Origins project number X305165-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1 @ 1"	X305165-01	Soil	May 30, 2013 13:41	05/30/2013 17:45
SS-2 @ 1"	X305165-02	Soil	May 30, 2013 14:02	05/30/2013 17:45
SS-3 @ 1"	X305165-03	Soil	May 30, 2013 14:23	05/30/2013 17:45
SS-4 @ 3"	X305165-04	Soil	May 30, 2013 14:57	05/30/2013 17:45
SS-5 @ 1"	X305165-05	Soil	May 30, 2013 15:31	05/30/2013 17:45

Origins Laboratory, Inc.



Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 3 of 16

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Origins Laboratory

Sample Receipt Checklist

F-012207-01-R1
Effective Date: 01/09/12

Origins Work Order: X305165

Client: Eagle

Client Project ID: Dyer 35-67-1 HN

Checklist Completed by: ned

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 5.30.13 151755

Airbill #:

Matrix(s) Received: (Check all that apply): X Soil/Solid

Water

Other:

Cooler Number/Temperature: 1 3.1 °C

(Describe)

Thermometer ID: 1002

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ± 6°C ⁽¹⁾ ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		X		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	X			
For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	Soil
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ ·NaOH, ZnAc·NaOH)			X	Soil
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

Date/Time Review: 5.31.13 1351

Origins Laboratory, Inc.

Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-1 @ 1"

5/30/2013 1:41:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305165-01 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	05/31/2013
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Surrogate: o-Terphenyl	83.7 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	94.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.2 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-2 @ 1"

5/30/2013 2:02:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305165-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	05/31/2013
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Surrogate: o-Terphenyl	84.5 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Napthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.1 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-3 @ 1"

5/30/2013 2:23:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305165-03 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	61.1	50.0	mg/kg	1	3E31006	05/31/2013	05/31/2013
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Surrogate: o-Terphenyl	85.4 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
Surrogate: Toluene-d8	96.8 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.5 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-4 @ 3"

5/30/2013 2:57:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305165-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	05/31/2013
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Surrogate: o-Terphenyl	82.9 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	98.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.2 %	70-130			"	"	"

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

SS-5 @ 1"

5/30/2013 3:31:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X305165-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015C

Diesel (C10-C28)	ND	50.0	mg/kg	1	3E31006	05/31/2013	05/31/2013
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Surrogate: o-Terphenyl	87.6 %	59-131			"	"	"
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GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	ND	0.10	mg/kg	1	3E31007	05/31/2013	05/31/2013
Benzene	ND	0.0040	"	"	"	"	"
Toluene	ND	0.0040	"	"	"	"	"
Ethylbenzene	ND	0.0040	"	"	"	"	"
Xylenes, total	ND	0.0040	"	"	"	"	"
Naphthalene	ND	0.010	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	98.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	89.7 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3E31007 - EPA 5030 (soil)

Blank (3E31007-BLK1)

Prepared: 05/31/2013 Analyzed: 05/31/2013

Gasoline Range Hydrocarbons	ND	0.10	mg/kg							
Benzene	ND	0.0040	"							
Toluene	ND	0.0040	"							
Ethylbenzene	ND	0.0040	"							
m,p-Xylene	ND	0.0080	"							
o-Xylene	ND	0.0040	"							
Naphthalene	ND	0.0010	"							
Surrogate: 1,2-Dichloroethane-d4	63		ug/L	62.5		100	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.4	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3E31007 - EPA 5030 (soil)

LCS (3E31007-BS1)

Prepared: 05/31/2013 Analyzed: 05/31/2013

Benzene	0.17	0.0040	mg/kg	0.200		86.0	70-130			
Toluene	0.19	0.0040	"	0.200		92.8	70-130			
Ethylbenzene	0.20	0.0040	"	0.200		99.6	70-130			
m,p-Xylene	0.37	0.0080	"	0.400		92.9	70-130			
o-Xylene	0.17	0.0040	"	0.200		84.0	70-130			
Naphthalene	0.18	0.0010	"	0.200		88.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	50		ug/L	62.5		79.6	70-130			
Surrogate: Toluene-d8	60		"	62.5		96.1	70-130			
Surrogate: 4-Bromofluorobenzene	55		"	62.5		87.8	70-130			

Origins Laboratory, Inc.



Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E31007 - EPA 5030 (soil)										
Matrix Spike (3E31007-MS1)		Source: X305165-02			Prepared: 05/31/2013 Analyzed: 05/31/2013					
Benzene	0.16	0.0040	mg/kg	0.200	ND	78.5	70-130			
Toluene	0.17	0.0040	"	0.200	ND	83.4	70-130			
Ethylbenzene	0.17	0.0040	"	0.200	ND	83.0	70-130			
m,p-Xylene	0.30	0.0080	"	0.400	ND	75.0	70-130			
o-Xylene	0.15	0.0040	"	0.200	ND	73.4	70-130			
Naphthalene	0.20	0.0010	"	0.200	ND	98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	58		ug/L	62.5		92.4	70-130			
Surrogate: Toluene-d8	60		"	62.5		95.3	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.7	70-130			

Origins Laboratory, Inc.



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Noelle E Doyle, President

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E31007 - EPA 5030 (soil)										
Matrix Spike Dup (3E31007-MSD1)			Source: X305165-02		Prepared: 05/31/2013 Analyzed: 05/31/2013					
Benzene	0.17	0.0040	mg/kg	0.200	ND	83.5	70-130	6.20	20	
Toluene	0.18	0.0040	"	0.200	ND	88.0	70-130	5.39	20	
Ethylbenzene	0.17	0.0040	"	0.200	ND	85.5	70-130	2.99	20	
m,p-Xylene	0.32	0.0080	"	0.400	ND	79.5	70-130	5.78	20	
o-Xylene	0.15	0.0040	"	0.200	ND	77.4	70-130	5.28	20	
Naphthalene	0.22	0.0010	"	0.200	ND	109	70-130	10.2	20	
Surrogate: 1,2-Dichloroethane-d4	61		ug/L	62.5		98.2	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.9	70-130			

Origins Laboratory, Inc.



Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: Dyer 35-67-1 HN
Project: Noble - Dyer 35-67-1 HN

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3E31006 - EPA 3580

Blank (3E31006-BLK1)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	44		g	50.0		87.2	59-131			
Blank (3E31006-BLK2)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	ND	50.0	mg/kg							
Surrogate: o-Terphenyl	46		g	50.0		91.7	59-131			
LCS (3E31006-BS1)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	1110	50.0	mg/kg	1000		111	64-121			
Surrogate: o-Terphenyl	42		g	50.0		84.6	59-131			
LCS (3E31006-BS2)				Prepared: 05/31/2013 Analyzed: 05/31/2013						
Diesel (C10-C28)	1100	50.0	mg/kg	1000		110	64-121			
Surrogate: o-Terphenyl	41		g	50.0		82.7	59-131			
Matrix Spike (3E31006-MS1)				Source: X305162-01		Prepared: 05/31/2013 Analyzed: 05/31/2013				
Diesel (C10-C28)	1150	50.0	mg/kg	1000	ND	115	53-125			
Surrogate: o-Terphenyl	44		g	50.0		87.4	59-131			
Matrix Spike (3E31006-MS2)				Source: X305166-01		Prepared: 05/31/2013 Analyzed: 05/31/2013				
Diesel (C10-C28)	1390	50.0	mg/kg	1000	74.5	131	53-125			QM-04
Surrogate: o-Terphenyl	43		g	50.0		86.0	59-131			

Origins Laboratory, Inc.



Noelle E Doyle, President

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: Dyer 35-67-1 HN

Project: Noble - Dyer 35-67-1 HN

Extractable Petroleum Hydrocarbons by 8015M - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3E31006 - EPA 3580

Matrix Spike Dup (3E31006-MSD1)		Source: X305162-01			Prepared: 05/31/2013 Analyzed: 05/31/2013					
Diesel (C10-C28)	1160	50.0	mg/kg	1000	ND	116	53-125	0.250	20	
<i>Surrogate: o-Terphenyl</i>	<i>43</i>		<i>g</i>	<i>50.0</i>		<i>85.9</i>	<i>59-131</i>			
Matrix Spike Dup (3E31006-MSD2)		Source: X305166-01			Prepared: 05/31/2013 Analyzed: 05/31/2013					
Diesel (C10-C28)	1240	50.0	mg/kg	1000	74.5	116	53-125	11.6	20	
<i>Surrogate: o-Terphenyl</i>	<i>42</i>		<i>g</i>	<i>50.0</i>		<i>84.2</i>	<i>59-131</i>			

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Notes and Definitions

QM-04 Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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