

# **Limited Phase II Site Assessment Report**

Of the

**Shell Service Station (#135682)**  
3750 International Blvd.  
Oakland, CA

For

**SC Fuels**  
1800 West Katella Avenue, Suite #400  
Orange, CA 92867

By

**Batchelor Environmental Services, Inc.**  
3340 Punta Alta, Unit B  
Laguna Woods, CA 92637  
(949) 756-0333

10/06/10

# **Batchelor Environmental Services, Inc.**

*An Environmental Consulting Project & Management Company*

3340 Punta Alta, Unit B  
Laguna Woods, CA 92637  
(949) 756-0333

10/06/10

Mr. Robert W. Bollar - General Counsel  
SC Fuels  
1800 West Katella Avenue, Suite 400  
Orange, CA 92867

**Subject:**      **Limited Phase II Site Assessment Report**  
Shell Service Station (#135682)  
3750 International Blvd., Oakland, CA

## **1.0 INTRODUCTION**

Batchelor Environmental Services, Inc. is pleased to submit this Limited Phase II Site Assessment Report to SC Fuels documenting the environmental investigation performed at the Shell service station located at 3750 International Blvd., Oakland, CA. The investigation activities documented in this report were performed as part of an SC Fuels due-diligence effort.

The scope of work for this project included the following:

- Obtain authorization from the property owner to perform an investigation
- Apply for a permit to drill from the County of Alameda
- Mark the proposed boring locations
- Notify USA – North (public utility locators) of the upcoming field work
- Prepare a site-specific Health and Safety Plan
- Pre-clear each soil boring to a depth of five (5) feet below surface
- Advance four (4) direct-push soil borings, along with the collection and analyses of soil samples from each boring.
- Analyze eighteen (18) soil samples for petroleum hydrocarbon-related compounds.
- Screen the soil samples for organic vapors with a photo-ionization detector
- Interact with the Alameda County inspector prior to backfilling borings
- Prepare a report of findings

## **2.0 PROPERTY BACKGROUND**

The subject property has an operating Shell service station with a multi-bay auto repair garage, a small cashier/store, and a canopy covering two dispenser islands. The ground surface around the fuel pumps and the underground storage tanks (USTs) is constructed of concrete. Asphalt pavement covers a majority of the remaining drivable surface.

Due to the abbreviated nature of this limited site assessment report, no previous findings from past environmental investigations will not be reviewed or listed. The property has indeed experienced previous episodes of environmental work. Please refer to these third-party investigation reports for past site information.

## **3.0 BEFORE FIELD WORK ACTIVITIES**

The owner of the property authorized access for Batchelor Environmental and its subcontractors. Batchelor Environmental applied for a permit with the Alameda County Public Works Agency to perform the subsurface soil sampling. The County issued permit number: W2010-0671. A field inspection time was scheduled with the County engineer to oversee the backfilling of the direct-push borings.

On 9/13/10, Batchelor Environmental's representative visited the site, and sprayed white paint on the ground surface to mark four (4) proposed boring locations. Two (2) of the proposed boring locations were marked in the vicinity of the USTs, and two (2) locations were marked near the fuel dispensers.

When selecting the boring locations, of paramount importance was the need to avoid encountering any subsurface pipelines, electrical lines, utilities, or storage tanks. Batchelor Environmental was not supplied with any maps showing the "as-built" subsurface installations. No geophysical surveys of the subsurface were conducted either. Certain assumptions were made to avoid potential problems. Areas deemed "off-limits" for borings included all the space between the fuel dispensers and the cashier/market, and all the space between the fuel dispensers and the USTs. These areas were thought to present a high risk for encountering fuel distribution pipelines, electrical lines, or storage tanks.

Batchelor Environmental called USA-North to provide advance notice for the proposed boring locations. The USA-North notice number was 0271921.

The property owner's consultant communicated that the property owner required a "hot work" permit for any soil borings advanced within concrete covered areas. As a result, one of the proposed borings was moved to an asphalt-covered location at the east end of the same pump island intended for investigation.

## **4.0 FIELD WORK**

The primary goal for this site assessment was to investigate the subsurface for potential impacts from the past storage and dispensing of petroleum hydrocarbons at the subject site. To attempt to accomplish this, Bachelor Environmental advanced two (2) soil borings in the area of the USTs, and two (2) borings in the general area of the fuel dispensers.

Fieldwork was performed on September 20, 2010. A tailgate health and safety meeting was held at the beginning of the workday. Cascade Drilling mobilized an airknife / vacuum truck rig to the site to pre-clear each boring location to a depth of five (5) feet below surface. The Cascade crew was able to pre-clear the borings using only a hand-auger. No pipelines, utilities or tanks were encountered during pre-clearing efforts.

Strongarm Environmental mobilized a truck-mounted direct-push rig to the site. A total of four (4) borings were advanced by Strongarm. Boring B-1 was advanced to thirty (30) feet below ground surface (bgs), and the remaining borings, B-2 thru B-4, were advanced to twenty (20) feet bgs. Soil samples were collected at five (5) foot intervals from each boring. A total of eighteen (18) soil samples were collected. Between usages, the sampling equipment was cleaned with detergent and rinsed in water.

Jeff Findl, a California Prof. Geologist supervised the fieldwork. All soil samples were described on boring logs and prepared for lab analyses. The soil samples were labeled and contained in a chilled ice chest. The geologist screened each soil sample for organic vapors with a photo-ionization detector (PID). The PID had been calibrated on 9/18/10.

The County of Alameda engineer, Vicky Hamlin, supervised the grout-backfilling of the borings, and the resurfacing. As follow-up to her fieldwork, Vicky Hamlin requested a copy of a scaled site map that showed the boring locations.

The boring locations were marked on an existing site map that was provided by the property owner (Cambria Environmental site plan), and is found in the rear of this report. The boring logs are also included in the rear of the report.

## **5.0 SOIL AND GROUNDWATER**

The soil samples were predominantly composed of clay, with varying amounts of silt, gravel, and sand. Groundwater was observed in two of the four – 15' deep soil samples, and within all four of the 20' deep soil samples. However, the slightly deeper 25' and 30' soil samples collected from boring B-1 were merely moist, and did not exhibit groundwater saturation, which suggests the presence of small pockets of perched water in the clay soil.

Despite the fact that groundwater was indeed observed in six (6) soil samples, no groundwater seeped into any of the open soil borings upon examination. The borings were allowed to remain open until fieldwork was nearly completed, but no groundwater was observed when rods were lowered into the borings to gauge the potential water level.

## 6.0 LAB ANALYSES

The soil samples were analyzed at Associated Laboratories (Orange, CA), a CA certified lab. All eighteen (18) samples were analyzed by EPA Test Method 8015M for total petroleum hydrocarbons (both gasoline and diesel ranges). Additionally, the soil samples were analyzed by EPA Test Method 8260 for volatile organic compounds (full list). Lastly, two soil samples were tested for organic lead (DHS Method).

All of the lab analyses for this project were performed on a normal turn-around basis. Laboratory report sheets, chain of custody documents and laboratory QA/QC sheets are attached. The lab results, along with the minimal detection limits are listed of Tables 1, 2 and 3.

**Table 1 - Laboratory Analysis  
EPA 8015 Gasoline and Diesel**

Soil Sample	EPA 8015M - TPH Gasoline - C4 to C12	EPA 8015M - TPH Diesel - C13 to C22
B-1 @ 5'	ND	15
B-1 @ 10'	ND	738
B-1 @ 15'	ND	1.3
B-1 @ 20'	ND	ND
B-1 @ 25'	ND	ND
B-1 @ 30'	ND	ND
B-2 @ 5'	ND	7.0
B-2 @ 10'	ND	ND
B-2 @ 15'	ND	ND
B-2 @ 20	ND	ND
B-3 @ 5'	ND	8.4
B-3 @ 10'	ND	ND
B-3 @ 15'	ND	ND
B-3 @ 20'	ND	ND
B-4 @ 5'	ND	6.0
B-4 @ 10'	ND	ND
B-4 @ 15'	ND	ND
B-4 @ 20'	ND	ND
Detection Limit	3.0 mg/kg	1.0 mg/kg

ND = non-detect at the laboratory detection limits listed

**Table 2 - Laboratory Analysis  
EPA 8260**

<b>Soil Sample</b>	<b>Benzene</b>	<b>Ethyl-benzene</b>	<b>Xylene</b>	<b>Toluene</b>	<b>MTBE</b>	<b>VOC Oxygenates</b>	<b>Other Compounds</b>
B-1 @ 5'	ND	ND	ND	ND	ND	ND	ND
B-1 @ 10'	ND	ND	ND	ND	ND	ND	0.034 isopropylbenzene 0.108 n-butylbenzene 0.114 n-propylbenzene 0.016 naphthalene 0.058 sec-butylbenzene
B-1 @ 15'	ND	ND	ND	ND	ND	ND	ND
B-1 @ 20'	ND	ND	ND	ND	ND	ND	ND
B-1 @ 25'	ND	ND	ND	ND	ND	ND	ND
B-1 @ 30'	ND	ND	ND	ND	ND	ND	ND
B-2 @ 5'	ND	ND	ND	ND	ND	ND	ND
B-2 @ 10'	ND	ND	ND	ND	ND	ND	ND
B-2 @ 15'	ND	ND	ND	ND	ND	ND	ND
B-2 @ 20'	ND	ND	ND	ND	ND	ND	ND
B-3 @ 5'	ND	ND	ND	ND	ND	ND	ND
B-3 @ 10'	ND	ND	ND	ND	ND	ND	ND
B-3 @ 15'	ND	ND	ND	ND	ND	ND	ND
B-3 @ 20'	ND	ND	ND	ND	ND	ND	ND
B-4 @ 5'	ND	ND	ND	ND	ND	ND	ND
B-4 @ 10'	ND	ND	ND	ND	ND	ND	ND
B-4 @ 15'	ND	ND	ND	ND	ND	ND	ND
B-4 @ 20'	ND	ND	ND	ND	ND	ND	ND
<b>Detection Limit</b>	<b>0.005 mg/kg</b>	<b>0.005 mg/kg</b>	<b>0.005 mg/kg</b>	<b>0.005 mg/kg</b>	<b>0.005 mg/kg</b>	<b>0.002 to 0.01 mg/kg</b>	<b>0.005 to 100 mg/kg</b>

ND - non-detect at the laboratory detection limits listed

**Table 3 - Laboratory Analysis**  
**Organic Lead (DHS Method)**

<b>Soil Sample</b>	<b>Organic Lead</b>
B-1 @ 10'	ND
B-2 @ 5'	ND
<b>Detection Limit</b>	<b>mg/kg</b>

## 7.0 CONCLUSIONS

- Batchelor Environmental was not supplied with any maps showing the “as-built” subsurface installations. No geophysical surveys of the subsurface were conducted either. Certain assumptions were made to avoid potential problems. Areas deemed “off-limits” for borings included all the space between the fuel dispensers and the cashier/market, and all the space between the fuel dispensers and the USTs. These areas were thought to present a high risk for encountering fuel distribution pipelines, electrical lines, or storage tanks. No borings were allowed on concrete surfaces because to the requirement for a “hot work” permit from the property owner. All borings were advanced within asphalt-covered areas.
- Four (4) soil borings were advanced at the site using a direct-push rig. Two borings were located near the USTs, and two borings were located near the fuel dispensers. A total of eighteen (18) soil samples were collected to a maximum depth of thirty (30') feet
- The soil was predominantly composed of dense clay, with intermittent gravel and sand content. The highest PID measurement recorded was four (4) ppm.
- All of the soil samples analyzed for total petroleum hydrocarbons (gasoline) by EPA 8015 were non-detect (ND).
- Six (6) of the eighteen soil samples exhibited concentrations of diesel fuel (EPA 8015) ranging from 1.3 mg/kg to 738 mg/kg. Soil sample B-1 @ 10' exhibited the highest concentration of diesel.
- All of the soil samples were analyzed for volatile organic compounds by EPA Test Method 8260. Only soil sample B-1 @ 10' (listed above with the highest diesel concentration detected) exhibited the concentration of any volatile organic compounds (VOCs). These included 0.034 isopropylbenzene, 0.108 n-butylbenzene, 0.114 n-propylbenzene, 0.016 naphthalene, and 0.058 sec-butylbenzene.
- The two soil samples analyzed for organic lead (DHS Method) were non-detect (ND).

- No groundwater samples were obtained. Groundwater was observed in two of the four - 15' deep soil samples, and all four of the 20' deep soil samples. The clayey soil at 15' and 20' exhibited some gravel and sand content, which provided for some porosity for the groundwater to occupy. Nonetheless, the groundwater was tightly contained within the clay soil matrix, and did not seep into any of the four soil borings for sample collection. However, analyzing the “wet” twenty (20) foot deep soil samples provides a somewhat indicative gauge of the groundwater conditions. All four of the 20' soil samples were non-detect (ND) for all compounds analyzed (gasoline, diesel, and VOCs)
- Each boring was grout-backfilled with concrete in accordance with the guidelines of the County of Alameda.

## 8.0 REGULATORY FRAMEWORK DISCUSSION

The San Francisco Bay Regional Water Quality Control Board (RWQCB) has set environmental screening levels (ESLs) to evaluate residential and commercial/industrial properties for various environmental contaminants. The RWQCB guidelines differentiate contaminated soil into two categories: 1) Shallow soil extending from the ground surface to less than three meters depth, and; 2) Deeper soil situated at all depths greater than three meters below surface.

The applicable RWQCB guidelines for each of these depth-related categories was evaluated for situations where the underlying groundwater is either of current use or is a potential source of drinking water. Based on the San Francisco Bay RWQCB - Tables A and C, the following regulatory framework applies:

RWQCB Environmental Screening Levels (ESLs)

Depth	Gas	Diesel	B	T	E	X	MTBE	TBA	Naphthalene
Soil <3M	83	83	0.044	2.9	3.3	2.3	0.023	0.075	1.3 (residential)
Soil >3M	83	83	0.044	2.9	3.3	2.3	0.075	0.075	3.4
Ground-water	0.100	0.100	0.001	0.040	0.030	0.020	0.005	0.012	0.017
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

- Five (5) soil samples exhibited concentrations of diesel fuel (EPA 8015) ranging from 1.3 mg/kg to 15 mg/kg. These diesel concentrations are below the RWQCB screening level for diesel fuel of 83 mg/kg. However, a sixth soil sample, B-1 @ 10', exhibited 738 mg/kg, which exceeds the screening level for diesel.
- Soil sample B-1 @ 10' (listed above with the highest diesel concentration detected) also exhibited concentration of volatile organic compounds (VOCs). These included 0.034 isopropylbenzene, 0.108 n-butylbenzene, 0.114 n-

propylbenzene, 0.016 naphthalene, and 0.058 sec-butylbenzene. Among this list of detected VOC compounds, only naphthalene is included within the RWQCB's environmental screening levels. The concentration of naphthalene detected in B-1 @ 10' (0.016 mg/kg) was below the RWQCB screening level of 1.300 mg/kg. The remaining (non-RWQCB ESL listed) compounds appear to be fuel additives associated with the detection of 738 mg/kg diesel in soil sample B-1 @ 10'.

## 9.0 LIMITATIONS

The professional services were performed using the degree of care and skill ordinarily exercised by the environmental consultants practicing in this or similar locations. The findings in this report are based on field observations and analytical results provided by an independent laboratory. Interpretations of the subsurface conditions at the site for the purpose of this investigation are made from a limited number of available data points (i.e.- soil borings) and subsurface conditions may vary away from these data points. No other warranty, expressed or implied is made as to the professional conclusions or recommendations contained in this report.

\* \* \* \*

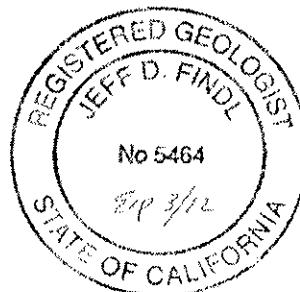
Batchelor Environmental Services, Inc. is pleased to submit this report. If there are any questions concerning this report, please contact Bob Batchelor at (949) 756-0333 or email Bob at [bobbatchelor@sbcglobal.net](mailto:bobbatchelor@sbcglobal.net).

Cordially yours,

*Jeff Findl*

Jeff Findl

CA Professional Geologist #5464



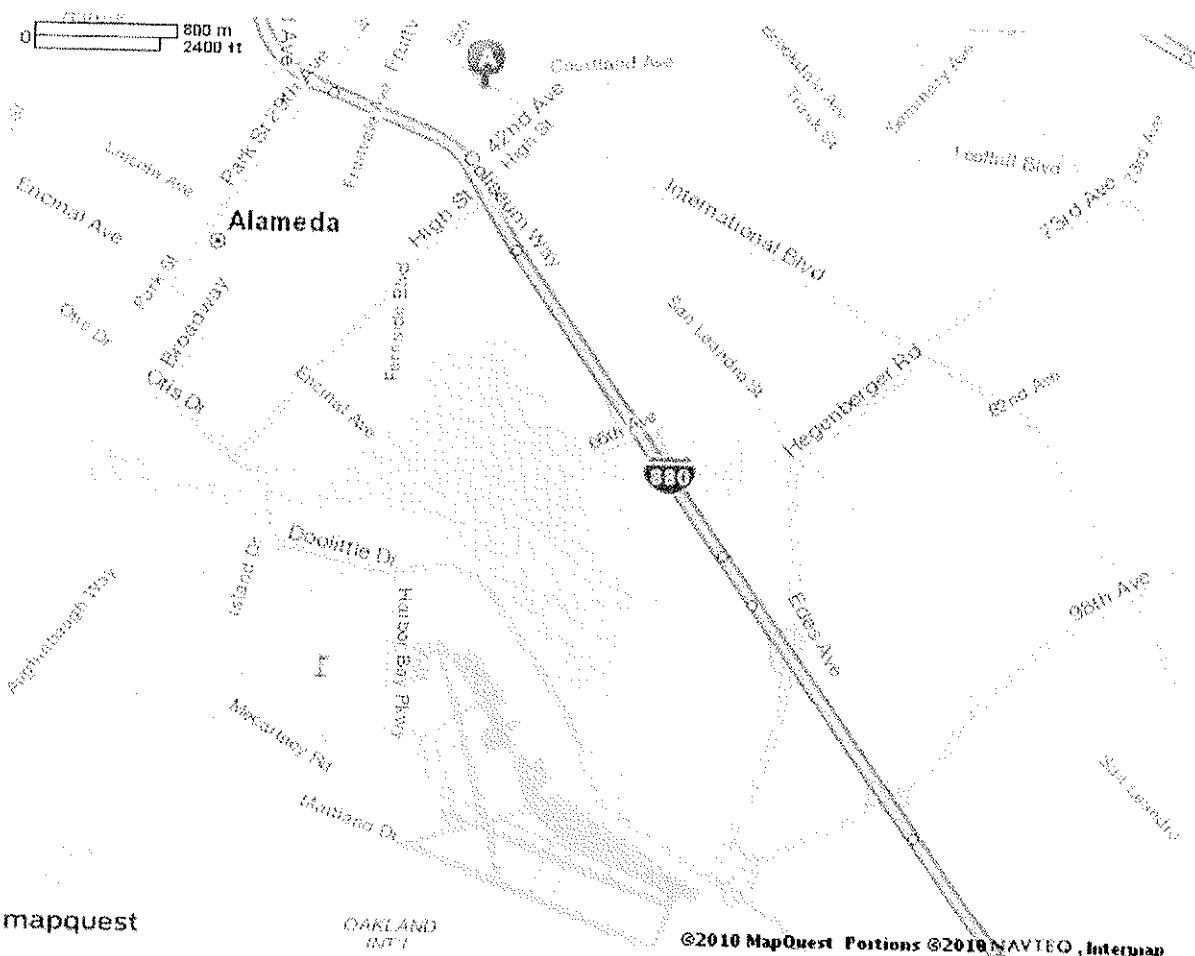
2



## Notes

## Map of 3750 International Blvd

Oakland, CA 94601-3526

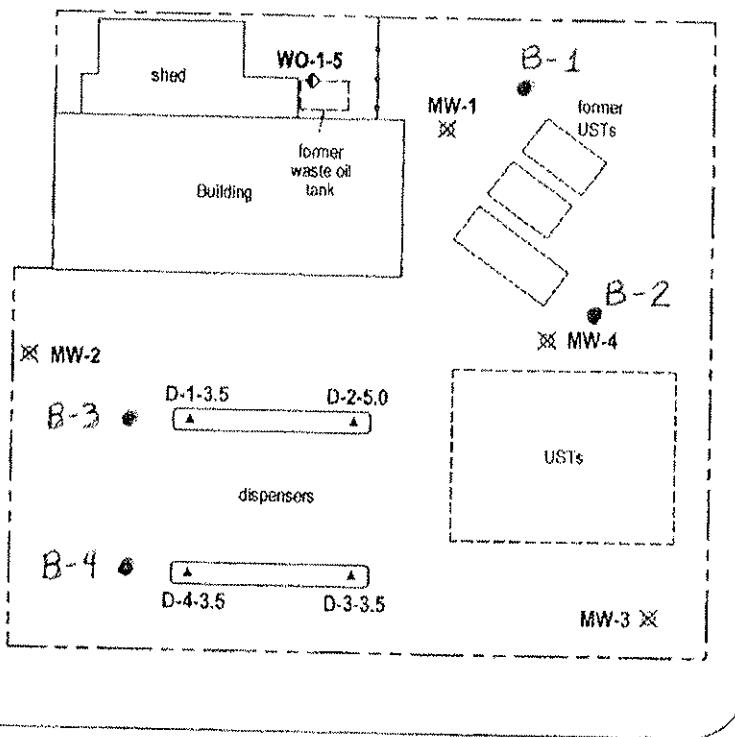


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38th AVENUE

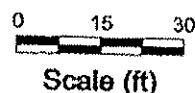


INTERNATIONAL BOULEVARD

SCHMIDT &amp; JENSEN INTELLIGENT PLANNING

EXPLANATION	
W0-1-5 ◆	Soil sample location (05/25/06)
D-1-3.5 ▲	Soil sample location (8/12/04)
MW-1 ✕	Destroyed monitoring well location

B-1 : Bachelor Env.  
BORINGS

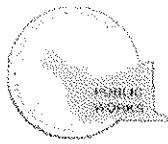
FIGURE  
**2**

**Shell-branded Service Station**  
3760 International Boulevard  
Oakland, California  
SAP No.135682



Site Plan

**Alameda County Public Works Agency - Water Resources Well Permit**



399 Elmhurst Street  
Hayward, CA 94544-1395  
Telephone: (510)670-6633 Fax:(510)782-1939

670-5927  
Permitting

Application Approved on: 09/15/2010 By jamesy

Application Id: 1284505328718  
Site Location: 3750 International Blvd, Oakland, CA  
Project Start Date: 09/20/2010  
Assigned Inspector: Contact Ron Smalley at (510) 670-5407 or ronaldws@acpwa.org

Applicant: Batchelor Environmental - Bob Batchelor  
3340 Punta Alta "B", Laguna Wood, CA 92637  
Property Owner: Shell Oil Products  
20945 S Wilmington Ave, Carson, CA 90801  
Client: S C Fuels  
1800 W Katrula Ave, Orange, CA 92867

510-453-0935 (Mobile John)  
Permit Numbers: W2010-0671  
Permits Valid from 09/20/2010 to 09/20/2010

City of Project Site: Oakland

Completion Date: 09/20/2010

Phone: 949-756-0333  
Phone: 510-853-8921  
Phone: 714-516-7273

Mike  
MULVAN  
650-  
372-  
6289

Receipt Number: WR2010-0307  
Payer Name : Batchelor Environmental

Total Due: \$265.00  
Total Amount Paid: \$265.00  
Paid By: CHECK PAID IN FULL

**Works Requesting Permits:**

Borehole(s) for Investigation-Environmental/Monitoring Study - 6 Boreholes  
Driller: STRONGARM ENVIRONMENTAL FIELD SERVICES INC - Lic #: 766463 -  
Method: other

Ed Diaz (925) 692-2533 Work Total: \$265.00

**Specifications**

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2010-0671	09/15/2010	12/19/2010	6	2.00 in.	40.00 ft

**Specific Work Permit Conditions**

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
4. Applicant shall contact Ron Smalley for an inspection time at 510-670-5407 or email to ronaldws@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

**USAN 2010/09/13 #00000 0271921-000 NORM NEW**

From: support@usan.org  
To: jefffindl@earthlink.net  
Subject: USAN 2010/09/13 #00000 0271921-000 NORM NEW  
Date: Sep 13, 2010 10:11 AM

00000 USAN 09/13/10 10:11:53 0271921 NORMAL NOTICE

Message Number: 0271921 Received by USAN at 10:07 on 09/13/10 by KAR

Work Begins: 09/20/10 at 07:00 Notice: 046 hrs Priority: 2  
Night Work: N Weekend Work: N

Expires: 10/11/10 at 17:00 Update By: 10/06/10 at 16:59

Caller: BOB BATCHLOR  
Company: BATHCLOR ENVIRONMENTAL SERVICES  
Address: 3340 PUNTA ALTA UNIT "B"  
City: LOGUNA WOODS State: CA Zip: 93257  
Business Tel: 949-230-6854 Fax:  
Email Address: JEFFFINDL@EARTHLINK.NET

Nature of Work: VERTICAL BORING FOR SOIL & WTR SAMPLES

Done for: SC FUELS Explosives: N

Foreman: JEFF FINDL

Field Tel: 949-756-0333 Cell Tel: 562-818-1545

Area Premarked: Y Premark Method: WHITE PAINT

Permit Type: COUNTY Number: UNK

Vac / Pwr Equip Use In The Approx Location Of Member Facilities Requested: N

Excavation Enters Into Street Or Sidewalk Area: N

Location:

Street Address: 3750 INTERNATIONAL BLVD

Cross Street: 38TH AVE

WRK AROUND THE TANKS & PERIMETER/O PROP

Place: OAKLAND County: ALAMEDA State: CA

Long/Lat Long: -122.222651 lat: 37.773597 Long: -122.217834 Lat: 37.776293

Sent to:

ATTRN2 = AT&T BROADBAND RING NETW CTPYOAK = CITY OAKLAND CONST DEPT  
COMOAK = COMCAST-OAKLAND EBWCMS = EAST BAY WATER

**BORING LOG: B-1**

Depth (ft.)	Soil Sample Depth	United Soil Classification	PID (ppm)	Soil Description
1-				
2-				
3-	5'	ML	-	Clayey SILT, greenish gray, some fine grained sand, consolidated, slightly moist, and no hydrocarbon odors.  (First 5' pre-cleared)
4-				
5-				
6-				
7-				
8-	10'	CL	2	CLAY, black (stained), consolidated, moist, and <u>moderate hydrocarbon odor.</u>
9-				
10-				
11-				
12-				
13-	15'	CL	0.2	CLAY, medium brown, consolidated, some small gravel, <u>wet</u> , and no hydrocarbon odors.  (Groundwater observed)
14-				
15-				
16-				
17-				
18-	20'	CL	4	CLAY, medium brown, consolidated, some small gravel, <u>wet</u> , and no hydrocarbon odors.  (Groundwater observed)
19-				
20-				
21-				
22-				
23-	25'	CL	-	CLAY, greenish-brown, consolidated, some small gravel, moist (not wet), and no hydrocarbon odors.
24-				
25-				
26-				
27-				
28-	30'	CL	-	CLAY, reddish-brown, consolidated, some sand content, moist (not wet), and no hydrocarbon odors.
29-				
30-				
Total Boring Depth = 30'				
Groundwater Encountered: < 15'				
Site:	Shell Service Station	Logged by:	Jeff Findl, PG #5464	
Address:	3750 International Blvd. Oakland, CA	Drilling Co.:	Strongarm Env.	
Date:	9/20/10	Drilling EQ.:	Geoprobe	
		Boring Diameter.:	2"	

## BORING LOG B-2

Depth (ft.)	Soil Sample Depth	United Soil Classification	PID (ppm)	Soil Description
1-				
2-				
3-	5'	CL	1	CLAY, gray to black (stained), dense, some gravel and sand, moist, and a <u>slight hydrocarbon odor.</u> (First 5' pre-cleared)
4-				
5-				
6-				
7-				
8-	10'	CL	0.2	CLAY, gray to black (stained), abundant gravel, dense, moist, and a <u>slight hydrocarbon odor.</u>
9-				
10-				
11-				
12-				
13-	15'	CL	1	Gravelly silty CLAY, greenish gray, dense, moist, (not wet), and no hydrocarbon odors.
14-				
15-				
16-				
17-				
18-	20'	CL	0	Gravelly CLAY, medium brown, dense, some gravel, <u>wet</u> , and no hydrocarbon odors. (Groundwater observed)
19-				
20-				
Total Boring Depth = 20' Groundwater Encountered: <20'				
Site:	Shell Service Station		Logged by:	Jeff Findl, PG #5464
Address:	3750 International Blvd. Oakland, CA		Drilling Co.:	Strongarm Env.
Date:	9/20/10		Drilling EQ.:	Geoprobe
			Boring Diameter.:	2"

### BORING LOG B-3

Depth (ft.)	Soil Sample Depth	United Soil Classification	PID (ppm)	Soil Description
1- 2- 3- 4- 5-	5'	CL	0.3	Sandy CLAY, dark brown, dense, moist, and no hydrocarbon odors.  (First 5' pre-cleared)
6- 7- 8- 9- 10-	10'	CL	0	CLAY, grayish green, some sand & gravel, dense, moist, and no hydrocarbon odors.
11- 12- 13- 14- 15-	15'	CL	0.2	Gravelly sandy CLAY, greenish brown, dense, <u>wet</u> , and no hydrocarbon odors.  (Groundwater observed)
16- 17- 18- 19- 20-	20'	CL	0	Gravelly sandy CLAY, medium brown, dense, <u>wet</u> , and no hydrocarbon odors.  (Groundwater observed)
Total Boring Depth = 20' Groundwater Encountered: <15'				
Site:	Shell Service Station		Logged by:	Jeff Findl, PG #5464
Address:	3750 International Blvd. Oakland, CA		Drilling Co.:	Strongarm Env.
Date:	9/20/10		Drilling EQ.:	Geoprobe
			Boring Diameter.:	2"

### BORING LOG B-4

Depth (ft.)	Soil Sample Depth	United Soil Classification	PID (ppm)	Soil Description
1-				
2-				
3-	5'	CL	0	CLAY, dark gray, dense, some gravel and sand, moist, and no hydrocarbon odors. (First 5' pre-cleared)
4-				
5-				
6-				
7-				
8-	10'	CL	0	Silty CLAY, dark brown, some gravel content, dense, moist, and no hydrocarbon odors.
9-				
10-				
11-				
12-				
13-	15'	CL	0.1	Gravelly CLAY, dark brown, dense, very moist (not saturated), and no hydrocarbon odors.
14-				
15-				
16-				
17-				
18-	20'	CL	0	Gravelly CLAY, dark brown, dense, <u>wet</u> , and no hydrocarbon odors. (Groundwater observed)
19-				
20-				
Total Boring Depth = 20' Groundwater Encountered = <20'				
Site:	Shell Service Station		Logged by:	Jeff Findl, PG #5464
Address:	3750 International Blvd. Oakland, CA		Drilling Co.:	Strongarm Env.
Date:	9/20/10		Drilling EQ.:	Geoprobe
			Boring Diameter.:	2"

**ASSOCIATED LABORATORIES**

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Batchelor Env. Services Inc. (9843)

ATTN: Jeff Findl

3340 Punta Alta

Ste # B

Laguna Woods, CA 92637

LAB REQUEST 262005

REPORTED 10/04/2010

RECEIVED 09/23/2010

PROJECT Shell Station  
3750 International Blvd., Oakland

SUBMITTER Client

COMMENTS \* Matrix Interference.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	<u>Client Sample Identification</u>
1112973	B-1@5'
1112974	B-1@10'
1112975	B-1@15'
1112976	B-1@20'
1112977	B-1@25'
1112978	B-1@30'
1112979	B-2@5'
1112980	B-2@10'
1112981	B-2@15'
1112982	B-2@20'
1112983	B-3@5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward M. Behar, Ph.D.  
Vice President

*Note: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.*

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**TESTING & CONSULTING**  
Chemical  
Microbiological  
Environmental



**ASSOCIATED LABORATORIES**  
806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Bachelor Env. Services Inc. (9843) LAB REQUEST 262005  
ATTN: Jeff Findl  
3340 Punta Alta REPORTED 10/04/2010  
Ste # B  
Laguna Woods, CA 92637 RECEIVED 09/23/2010

PROJECT Shell Station  
3750 International Blvd., Oakland

SUBMITTER Client

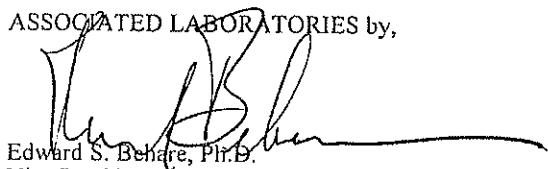
COMMENTS \* Matrix Interference.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	<u>Client Sample Identification</u>
1112984	B-3@10'
1112985	B-3@15'
1112986	B-3@20'
1112987	B-4@5'
1112988	B-4@10'
1112989	B-4@15'
1112990	B-4@20'
1112991	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

  
Edward S. Behnke, P.E.  
Vice President

*NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.*

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*TESTING & CONSULTING  
Chemical  
Microbiological  
Environmental*

Order #: 1112973

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@5'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8015 TEPH Diesel**

TEPH Diesel	15	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						
Triaccontane (Sur)	60			%	60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112973

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@5'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8260B Volatile Organic Compounds

Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



**Order #:** 1112973

**Matrix:** SOLID

**Date Sampled:** 09/20/2010

**Time Sampled:**

**Sampled By:**

**Client:** Batchelor Env. Services Inc.

**Client Sample ID:** B-1@5'

**Analyte**

**Result**

**DF**

**DLR**

**Units**

**Date/Analyst**

**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

**Surrogates**

**Units**

**Control Limits**

Surr1 - Dibromofluoromethane	104	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	119	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	99	%	70 - 135

**8015B - Gasoline**

**Gasoline**

**ND**

**1**

**3**

**mg/Kg**

**09/27/10 LT**

**Surrogates**

**Units**

**Control Limits**

p-Bromofluorobenzene (Sur)	135	%	60 - 140
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112974

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-1@10'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8015 TEPH Diesel**

TEPH Diesel	738	10	10.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						<b>Units</b>
Triacontane (Sur)	190*			%	60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112974

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8260B Volatile Organic Compounds</b>					
Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromo-chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromo-dichloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	34	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	108	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	114	1	5	ug/Kg	09/27/10 NZ
Naphthalene	16	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	58	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112974

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-I@J0'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	97	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	101	%	70 - 135
Surr3 - Toluene-d8	103	%	70 - 135
Surr4 - p-Bromofluorobenzene	127	%	70 - 135

**DHS Organic Lead**

Organic Lead	ND	1	1.0	mg/Kg	10/04/10	AET
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**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/27/10	LT
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**Surrogates**

		Units	Control Limits
p-Bromofluorobenzene (Sur)	160*	%	60 - 140

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112975

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-1@15'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8015 TEPH Diesel**

TEPH Diesel	1.3	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						<b>Units</b>
Triacontane (Sur)	62			%	60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112975

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@15'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112975

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-1@1S'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

**Surrogates****Units****Control Limits**

Surr1 - Dibromofluoromethane	101	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	107	%	70 - 135
Surr3 - Toluene-d8	105	%	70 - 135
Surr4 - p-Bromofluorobenzene	101	%	70 - 135

**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units		Control Limits
p-Bromofluorobenzene (Sur)	96			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112976

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@20'

**Analyte**

**Result**

**DF**

**DLR**

**Units**

**Date/Analyst**

**8015 TEPH Diesel**

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						
Triacontane (Sur)	90		%		60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112976

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112976

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-1@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	99	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	98	%	70 - 135
Surr3 - Toluene-d8	108	%	70 - 135
Surr4 - p-Bromofluorobenzene	101	%	70 - 135

**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	98			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112977

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@25'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8015 TEPH Diesel**

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
Triacontane (Sur)	60			%	60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl-2-Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112977

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@25'

Analyte		Result	DF	DLR	Units	Date/Analyst
<b>8260B Volatile Organic Compounds</b>						
Bromobenzene		ND	1	5	ug/Kg	09/27/10 NZ
Bromo(chloromethane)		ND	1	5	ug/Kg	09/27/10 NZ
Bromodichloromethane		ND	1	5	ug/Kg	09/27/10 NZ
Bromoform		ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane		ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride		ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene		ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane		ND	1	5	ug/Kg	09/27/10 NZ
Chloroform		ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane		ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene		ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene		ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene		ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane		ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane		ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane		ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene		ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene		ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)		ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene		ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)		ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride		ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene		ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene		ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene		ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene		ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene		ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene		ND	1	5	ug/Kg	09/27/10 NZ
Styrene		ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene		ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene		ND	1	5	ug/Kg	09/27/10 NZ
Toluene		ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene		ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene		ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene		ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene		ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane		ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride		ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total		ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112977

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@25'

Analyte

Result

DF

DLR

Units

Date/Analyst

8260B VOC Oxygenates

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

Surrogates

Units Control Limits

Surr1 - Dibromofluoromethane	98	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	103	%	70 - 135
Surr3 - Toluene-d8	104	%	70 - 135
Surr4 - p-Bromofluorobenzene	102	%	70 - 135

8015B - Gasoline

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	93			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112978

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@30'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						<b>Units Control Limits</b>
Triaccontane (Sur)	68			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112978

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-1@30'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8260B Volatile Organic Compounds

Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethylene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethylene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112978

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-1@30'

Analyte	Result	DF	DLR	Units	Date/Analyst	
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8260B VOC Oxygenates

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	96	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	96	%	70 - 135
Surr3 - Toluene-d8	107	%	70 - 135
Surr4 - p-Bromofluorobenzene	105	%	70 - 135

8015B - Gasoline

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	97			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112979

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-2@5'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8015 TEPH Diesel**

TEPH Diesel	7.0	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						
Triacontane (Sur)	71			%	60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112979

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@5'

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8260B Volatile Organic Compounds</b>					
Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112979

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@5'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8260B VOC Oxygenates

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	95	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	99	%	70 - 135
Surr3 - Toluene-d8	106	%	70 - 135
Surr4 - p-Bromofluorobenzene	108	%	70 - 135

DHS Organic Lead

Organic Lead	ND	1	1.0	mg/Kg	10/04/10	AET
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8015B - Gasoline

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
<u>Surrogates</u>				Units	Control Limits	
p-Bromofluorobenzene (Sur)	92			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112980

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10 AF
<b>Surrogates</b>					<b>Units Control Limits</b>
Triacontane (Sur)	93			%	60 - 140

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl-2-Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112980

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-2@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112980

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	93	%	70 - 135
Surr3 - Toluene-d8	108	%	70 - 135
Surr4 - p-Bromofluorobenzene	110	%	70 - 135

**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
<b>Surrogates</b>			<b>Units</b>	<b>Control Limits</b>		
p-Bromofluorobenzene (Sur)	97		%	60 - 140		

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112981

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@15'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10 AF
<b>Surrogates</b>					<b>Units Control Limits</b>
Triacontane (Sur)	92			%	60 - 140

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112981

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@15'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10	NZ
Bromoform	ND	1	5	ug/Kg	09/28/10	NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10	NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10	NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10	NZ
Chloroform	ND	1	5	ug/Kg	09/28/10	NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10	NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10	NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10	NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10	NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10	NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
Styrene	ND	1	5	ug/Kg	09/28/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10	NZ
Toluene	ND	1	5	ug/Kg	09/28/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10	NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112981

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@15'

Analyte

Result

DF

DLR

Units

Date/Analyst

8260B VOC Oxygenates

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

Surrogates

Units Control Limits

Surr1 - Dibromofluoromethane	93	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	95	%	70 - 135
Surr3 - Toluene-d8	106	%	70 - 135
Surr4 - p-Bromofluorobenzene	106	%	70 - 135

8015B - Gasoline

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units	Control Limits	

p-Bromofluorobenzene (Sur)	116	%	60 - 140
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report



Order #: 1112982

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
Triacontane (Sur)	62			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report



Order #: 1112982

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloroform	ND	1	5	ug/Kg	09/28/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112982

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-2@20'

**Analyte**

**Result**

**DF**

**DLR**

**Units**

**Date/Analyst**

**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

**Surrogates**

**Units**

**Control Limits**

Surr1 - Dibromofluoromethane	98	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	98	%	70 - 135
Surr3 - Toluene-d8	104	%	70 - 135
Surr4 - p-Bromofluorobenzene	105	%	70 - 135

**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
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**Surrogates**

**Units**

**Control Limits**

p-Bromofluorobenzene (Sur)	103	%	60 - 140
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112983

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@5'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8015 TEPH Diesel**

TEPH Diesel	8.4	2	2.0	mg/Kg	09/29/10	AF
<b>Surrogates</b>						
Triacontane (Sur)	121			%	60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112983

Client: Batchelor Env. Services Inc.

Matrix: SOLID

Client Sample ID: B-3@5'

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

**Analyte****Result****DF****DLR****Units****Date/Analyst****8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10	NZ
Bromochloromethane	ND	1	5	ug/Kg	09/28/10	NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/28/10	NZ
Bromoform	ND	1	5	ug/Kg	09/28/10	NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10	NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10	NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10	NZ
Chloroform	ND	1	5	ug/Kg	09/28/10	NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10	NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10	NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10	NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10	NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10	NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10	NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10	NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10	NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10	NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10	NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10	NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10	NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10	NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10	NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
Styrene	ND	1	5	ug/Kg	09/28/10	NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10	NZ
Toluene	ND	1	5	ug/Kg	09/28/10	NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10	NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10	NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112983

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@5'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8260B VOC Oxygenates

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	96	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	97	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	103	%	70 - 135

8015B - Gasoline

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	100			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112984

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						Units Control Limits
Triacontane (Sur)	61			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl-2-Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112984

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-3@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloroform	ND	1	5	ug/Kg	09/28/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112984

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@10'

**Analyte**

**Result**

**DF**

**DLR**

**Units**

**Date/Analyst**

**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

**Surrogates**

**Units**

**Control Limits**

Surr1 - Dibromofluoromethane	100	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	107	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	105	%	70 - 135

**8015B - Gasoline**

**Gasoline**

**ND**

**1**

**3**

**mg/Kg**

**09/25/10 LT**

**Surrogates**

**Units**

**Control Limits**

p-Bromofluorobenzene (Sur)	104	%	60 - 140
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112985

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@15'

**Analyte****Result****DF****DLR****Units****Date/Analyst****8015 TEPH Diesel**

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>				<b>Units</b>		<b>Control Limits</b>
Triacontane (Sur)	70			%	60 - 140	

**8260B Volatile Organic Compounds**

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112985

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@15'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloroform	ND	1	5	ug/Kg	09/28/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112985

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@15'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	95	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	100	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	104	%	70 - 135

**8015B - Gasoline**

		ND	1	3	mg/Kg	09/25/10	LT
<b>Surrogates</b>					Units	Control Limits	
p-Bromofluorobenzene (Sur)		78			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112986

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>				<b>Units</b>		<b>Control Limits</b>
Triacontane (Sur)	63			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112986

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloroform	ND	1	5	ug/Kg	09/28/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112986

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-3@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	97	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	99	%	70 - 135
Surr3 - Toluene-d8	104	%	70 - 135
Surr4 - p-Bromofluorobenzene	106	%	70 - 135

**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
<b>Surrogates</b>				<b>Units</b>		<b>Control Limits</b>
p-Bromofluorobenzene (Sur)	82			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112987

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-4@5'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	6.0	2	2.0	mg/Kg	09/29/10 AF
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>
Triacontane (Sur)	94			%	60 - 140

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112987

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@5'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloroform	ND	1	5	ug/Kg	09/28/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg ..	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112987

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@5'

Analyte	Result	DF	DLR	Units	Date/Analyst	
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	96	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	100	%	70 - 135
Surr3 - Toluene-d8	104	%	70 - 135
Surr4 - p-Bromofluorobenzene	104	%	70 - 135

**8015B - Gasoline**

Analyte	Result	DF	DLR	Units	09/25/10	LT
Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	87			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112988

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@10<sup>4</sup>

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>				<b>Units</b>		<b>Control Limits</b>
Triacontane (Sur)	76			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112988

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloroform	ND	1	5	ug/Kg	09/28/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112988

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@10'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8260B VOC Oxygenates

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	96	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	97	%	70 - 135
Surr3 - Toluene-d8	105	%	70 - 135
Surr4 - p-Bromofluorobenzene	102	%	70 - 135

8015B - Gasoline

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
Surrogates				Units	Control Limits	
p-Bromofluorobenzene (Sur)	91			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report



Order #: 1112989

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@15'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>						<b>Control Limits</b>
Triacontane (Sur)	60			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl-2-Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112989

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@15'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8260B Volatile Organic Compounds

Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloroform	ND	1	5	ug/Kg	09/28/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/28/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112989

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@15'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	98	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	103	%	70 - 135
Surr3 - Toluene-d8	106	%	70 - 135
Surr4 - p-Bromofluorobenzene	102	%	70 - 135

**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
<b>Surrogates</b>				<b>Units</b>	<b>Control Limits</b>	
p-Bromofluorobenzene (Sur)	90			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112990

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: B-4@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
Surrogates				Units	Control Limits	
Triacontane (Sur)	138			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/28/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/28/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/28/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/28/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/28/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/28/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/28/10	NZ
4-Methyl -2- Pentanone (MIBK)	ND	1	5	ug/Kg	09/28/10	NZ
Acetone	ND	1	50	ug/Kg	09/28/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/28/10	NZ
Benzene	ND	1	5	ug/Kg	09/28/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112990

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8260B Volatile Organic Compounds</b>					
Bromobenzene	ND	1	5	ug/Kg	09/28/10 NZ
Bromo-chloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromo-dichloromethane	ND	1	5	ug/Kg	09/28/10 NZ
Bromoform	ND	1	5	ug/Kg	09/28/10 NZ
Bromo-methane	ND	1	5	ug/Kg	09/28/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/28/10 NZ
Chloro-benzene	ND	1	5	ug/Kg	09/28/10 NZ
Chloro-ethane	ND	1	5	ug/Kg	09/28/10 NZ
Chloro-form	ND	1	5	ug/Kg	09/28/10 NZ
Chloro-methane	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,2-Dichloro-ethene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,3-Dichloro-propene	ND	1	5	ug/Kg	09/28/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Dibromo-chloro-methane	ND	1	5	ug/Kg	09/28/10 NZ
Dibromo-methane	ND	1	5	ug/Kg	09/28/10 NZ
Dichloro-difluoro-methane	ND	1	5	ug/Kg	09/28/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/28/10 NZ
Hexa-chloro-butadiene	ND	1	5	ug/Kg	09/28/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/28/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
Methyl-tert-butyl-ether (MTBE)	ND	1	5	ug/Kg	09/28/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/28/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/28/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/28/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/28/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Styrene	ND	1	5	ug/Kg	09/28/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/28/10 NZ
Tetra-chloro-ethene	ND	1	5	ug/Kg	09/28/10 NZ
Toluene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,2-Dichloro-ethene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,3-Dichloro-propene	ND	1	5	ug/Kg	09/28/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloro-ethene	ND	1	5	ug/Kg	09/28/10 NZ
Trichloro-fluoro-methane	ND	1	5	ug/Kg	09/28/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/28/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/28/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112990

Matrix: SOLID

Date Sampled: 09/20/2010

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: B-4@20'

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/28/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/28/10	NZ

**Surrogates**

		Units	Control Limits
Surr1 - Dibromofluoromethane	97	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	96	%	70 - 135
Surr3 - Toluene-d8	105	%	70 - 135
Surr4 - p-Bromofluorobenzene	104	%	70 - 135

**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/26/10	LT
<b>Surrogates</b>				<b>Units</b>		<b>Control Limits</b>
p-Bromofluorobenzene (Sur)	90			%	60 - 140	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112991

Matrix: SOLID

Date Sampled:

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
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8015 TEPH Diesel

TEPH Diesel	ND	1	1.0	mg/Kg	09/28/10	AF
<b>Surrogates</b>				<b>Units</b>		<b>Control Limits</b>
Triacontane (Sur)	88			%	60 - 140	

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/27/10	NZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/27/10	NZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/27/10	NZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/27/10	NZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/27/10	NZ
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	09/27/10	NZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/27/10	NZ
4-Methyl-2-Pentanone (MIBK)	ND	1	5	ug/Kg	09/27/10	NZ
Acetone	ND	1	50	ug/Kg	09/27/10	NZ
Allyl chloride	ND	1	5	ug/Kg	09/27/10	NZ
Benzene	ND	1	5	ug/Kg	09/27/10	NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112991

Matrix: SOLID

Date Sampled:

Time Sampled:

Sampled By:

Client: Bachelor Env. Services Inc.

Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
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**8260B Volatile Organic Compounds**

Bromobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Bromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromodichloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Bromoform	ND	1	5	ug/Kg	09/27/10 NZ
Bromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Carbon tetrachloride	ND	1	5	ug/Kg	09/27/10 NZ
Chlorobenzene	ND	1	5	ug/Kg	09/27/10 NZ
Chloroethane	ND	1	5	ug/Kg	09/27/10 NZ
Chloroform	ND	1	5	ug/Kg	09/27/10 NZ
Chloromethane	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Dibromochloromethane	ND	1	5	ug/Kg	09/27/10 NZ
Dibromomethane	ND	1	5	ug/Kg	09/27/10 NZ
Dichlorodifluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Ethyl benzene	ND	1	5	ug/Kg	09/27/10 NZ
Hexachlorobutadiene	ND	1	5	ug/Kg	09/27/10 NZ
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	09/27/10 NZ
m and p-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	09/27/10 NZ
Methylene chloride	ND	1	5	ug/Kg	09/27/10 NZ
n-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
n-Propylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Naphthalene	ND	1	5	ug/Kg	09/27/10 NZ
o-Xylene	ND	1	5	ug/Kg	09/27/10 NZ
p-Isopropyltoluene	ND	1	5	ug/Kg	09/27/10 NZ
sec-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Styrene	ND	1	5	ug/Kg	09/27/10 NZ
tert-Butylbenzene	ND	1	5	ug/Kg	09/27/10 NZ
Tetrachloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Toluene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	09/27/10 NZ
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	09/27/10 NZ
Trichloroethene	ND	1	5	ug/Kg	09/27/10 NZ
Trichlorofluoromethane	ND	1	5	ug/Kg	09/27/10 NZ
Vinyl chloride	ND	1	5	ug/Kg	09/27/10 NZ
Xylenes, total	ND	1	5	ug/Kg	09/27/10 NZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 1112991

Matrix: SOLID

Date Sampled:

Time Sampled:

Sampled By:

Client: Batchelor Env. Services Inc.

Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
---------	--------	----	-----	-------	--------------

**8260B VOC Oxygenates**

Di-isopropyl ether (DIPE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Ethyl-tertbutylether (ETBE)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tert-amylmethylether (TAME)	ND	1	2.0	ug/Kg	09/27/10	NZ
Tertiary butyl alcohol (TBA)	ND	1	10	ug/Kg	09/27/10	NZ

Surrogates

		Units	Control Limits
Surr1 - Dibromofluoromethane	98	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	100	%	70 - 135
Surr3 - Toluene-d8	105	%	70 - 135
Surr4 - p-Bromofluorobenzene	94	%	70 - 135

**DHS Organic Lead**

Organic Lead	ND	1	1.0	mg/Kg	10/04/10	AET
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**8015B - Gasoline**

Gasoline	ND	1	3	mg/Kg	09/25/10	LT
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Surrogates

		Units	Control Limits
p-Bromofluorobenzene (Sur)	88	%	60 - 140

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

**ASSOCIATED LABORATORIES**

Analytical Results Report



# Chain of Custody Record

**ASSOCIATED LABORATORIES**

806 North Batavia • Orange, CA 92868

Phone: (714) 771-6900 • Fax: (714) 538-1209

262005

Page 1 of 2

Company	Bachelor	Phone	562-818-1545
Project Manager	Jeff Findl	Fax	
Project Name	Oakland	Project #	
Site Name and Address	Shell Station, 3750 International Blvd, Oakland, CA		

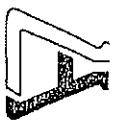
A.L. Job No.	Analysis Requested	Test Instructions & Comments
		8260 full list VOC
		8015 gas diesel
		8260 VOCs
		Organic Lead

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	
1 B-1 @ 5'		9/20/10		Soil	One	X	
2 10'						X	
3 15'						X	
4 20'							
5 25'							
6 30'							
7 <del>██████████</del>							
8 B-2 @ 5'						X	
9 10'							
10 15'							
11 20'							
12 B-3 @ 5'							
13 10'							
14 15'							
15 20'							
↓      ↓      ↓      ↓      ↓							
<b>Sample Receipt - To Be Filled By Laboratory</b>							
Total Number of Containers	Property Cooled Y/N/NA	Relinquished by Sampler:	1.	Relinquished by Sampler:	2.	Relinquished by Sampler:	3.
Custody Seals Y/N/NA	Samples intact Y/N/NA	Signature: Jeff Findl	Signature: [Signature]	Signature: [Signature]	Signature: [Signature]	Signature: [Signature]	
Received in Good Condition Y/N	Samples Accepted Y/N	Printed Name: Jeff Findl	Printed Name: ROBERT GALT JR.				
Turn Around Time		Date: 9/23/10	Time: 3:15	Date: 9/23/10	Time: 4:20	Date: 9/23/10	Time: 4:20
Received By:		Received By: 1.	Received By: 2.	Received By: 3.			
Signature: [Signature]		Signature: [Signature]					
Printed Name: ROBERT GALT JR.		Printed Name: ROBERT GALT JR.					
Date: 9/23/10		Date: 9/23/10					
Time: 3:15		Time: 3:15					
<input type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs.							

# Chain of Custody Record

**ASSOCIATED LABORATORIES**

806 North Batavia • Orange, CA 92868  
Phone: (714) 771-6900 • Fax: (714) 538-1209



Company

Batcheloe

Phone 562 818 1545

A.L. Job No.

Page 2 of 2

Project Manager

Jeff Findl

Fax

Project #

Site Name

Shell Station, 3750 International Blvd, Oakland, CA

Address

Analysis Requested

Test Instructions & Comments

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.
1 B-4 @ 5'		9/20/10		Soil	24 ons.	K
2 10'						K
3 15'						K
4 20'						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

8015 gas  
8015 diesel  
8260 VOC

8260 full list  
VOC's

## Sample Receipt - To Be Filled By Laboratory

Total Number of Containers

Property Cooled Y/N/NA

Custody Seals Y/N/NA

Samples Intact Y/N/NA

Received in Good Condition Y/N

Samples Accepted Y/N

Relinquished by Sampler:

Signature:

Printed Name:

Date:

Time:

Received By:

1.

Relinquished by

Signature:

Printed Name:

Date:

Time:

Received By:

2.

Relinquished by

3.

Signature:

Printed Name:

Date:

Time:

Received By:

3.

Turn Around Time

Signature:

Printed Name:

Date:

Time:

Received By:

1.

Received By:

2.

Received By:

3.

Received By:

Signature:

Printed Name:

Date:

Time:

Received By:

3.

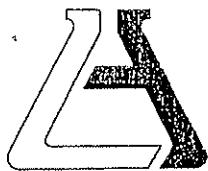
Normal

Rush

Same Day

48 hrs.

72 hrs.



## ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714-771-6900

FAX 714-538-1209

### SAMPLE ACCEPTANCE CHECKLIST

#### Section 1

Client: Batchelor ENV  
Date Received: 9-23-00  
Sample(s) received in cooler: Yes  
Shipping Information:

Project: OAKLAND  
Sampler's Name: Yes No  
No (Skip Section 2)

#### Section 2

Was the cooler packed with: ✓ Ice        Ice-Packs        Bubble Wrap        Styrofoam  
       Paper        None        Other \_\_\_\_\_

Cooler or box temperature: ice

(Acceptance range is 2 to 6 Deg. C.)

#### Section 3

	YES	NO	N/A
Was a COC received?	<u>X</u>		
Is it properly completed? (IDs, sampling date and time, signature, test)	<u>X</u>		
Were custody seals present?	<u>+</u>	<u>L</u>	
If Yes - were they intact?			
Were all samples sealed in plastic bags?	<u>S</u>		
Did all samples arrive intact? If no, indicate below.	<u>X</u>		
Did all bottle labels agree with COC? (ID, dates and times)	<u>X</u>		
Were correct containers used for the tests required?	<u>X</u>		
Was a sufficient amount of sample sent for tests indicated?	<u>X</u>		
Was there headspace in VOA vials?			<u>L</u>
Were the containers labeled with correct preservatives?			<u>L</u>
Was total residual chlorine measured (Fish Bioassay samples only)? *			

\*: If the answer is no, please inform Fish Bioassay Dept. immediately.

#### Section 4

Explanations/Comments

#### Section 5

Was Project Manager notified of discrepancies: Y N N/A

Completed By:

Henry A Date: 9-23-00