DRAFT

Date of Report: 06/12/15
Date Received: 06/04/15
Project: 10PB, 10-060415-095219-0024, F&BI 506112
Date Extracted: 06/08/15
Date Analyzed: 06/08/15

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL USING METHOD NWTPH-Dx
Extended to Include Motor Oil Range Compounds
Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Extended (C_{10}-C_{36})	Surrogate (% Recovery) (Limit 51-134)
BH20GW 506112-02	<250	99
BH12GW 506112-03	1,600 x	89
Method Blank 05-1070 MB	<250	91

Date of Report: 06/12/15
Date Received: 06/04/15
Project: 10PB, 10-060415-095219-0024, F&BI 506112
Date Extracted: 06/09/15
Date Analyzed: 06/09/15

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 51-134)
TB09GW 506112-01	<100	98
Method Blank 05-1276 MB	<100	94

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TB09GW	Client:	Ecology and Environment
Date Received:	06/04/15	Project:	10PB, 10-060415-095219-0024, F&BI 506112
Date Extracted:	06/09/15	Lab ID:	506112-01
Date Analyzed:	06/10/15	Data File:	061006.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	94	108
Toluene-d8	99	91	107
4-Bromofluorobenzene	98	91	110

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Hexane	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
Methyl t-butyl ether (MTBE)	<1	Isopropylbenzene	<1
trans-1,2-Dichloroethene	<1	Bromoform	<1
1,1-Dichloroethane	<1	n-Propylbenzene	<1
2,2-Dichloropropane	<1	Bromobenzene	<1
cis-1,2-Dichloroethene	<1	1,3,5-Trimethylbenzene	<1
Chloroform	<1	1,1,2,2-Tetrachloroethane	<1
2-Butanone (MEK)	<10	1,2,3-Trichloropropane	<1
1,2-Dichloroethane (EDC)	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,1-Dichloropropene	<1	tert-Butylbenzene	<1
Carbon tetrachloride	<1	1,2,4-Trimethylbenzene	<1
Benzene	<0.35	sec-Butylbenzene	<1
Trichloroethene	<1	p-Isopropyltoluene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Bromodichloromethane	<1	1,4-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dibromo-3-chloropropane	<10
cis-1,3-Dichloropropene	<1	1,2,4-Trichlorobenzene	<1
Toluene	<1	Hexachlorobutadiene	<1
trans-1,3-Dichloropropene	<1	Naphthalene	<1
1,1,2-Trichloroethane	<1	1,2,3-Trichlorobenzene	<1
2-Hexanone	<10		

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	Ecology and Environment
Date Received:	Not Applicable	Project:	10PB, 10-060415-095219-0024, F&BI 506112
Date Extracted:	06/09/15	Lab ID:	05-1257 mb
Date Analyzed:	06/09/15	Data File:	060921.D
Matrix:	Water	Instrument:	GCMS7
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	94	108
Toluene-d8	98	91	107
4-Bromofluorobenzene	99	91	110

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Hexane	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
Methyl t-butyl ether (MTBE)	<1	Isopropylbenzene	<1
trans-1,2-Dichloroethene	<1	Bromoform	<1
1,1-Dichloroethane	<1	n-Propylbenzene	<1
2,2-Dichloropropane	<1	Bromobenzene	<1
cis-1,2-Dichloroethene	<1	1,3,5-Trimethylbenzene	<1
Chloroform	<1	1,1,2,2-Tetrachloroethane	<1
2-Butanone (MEK)	<10	1,2,3-Trichloropropane	<1
1,2-Dichloroethane (EDC)	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,1-Dichloropropene	<1	tert-Butylbenzene	<1
Carbon tetrachloride	<1	1,2,4-Trimethylbenzene	<1
Benzene	<0.35	sec-Butylbenzene	<1
Trichloroethene	<1	p-Isopropyltoluene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Bromodichloromethane	<1	1,4-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dibromo-3-chloropropane	<10
cis-1,3-Dichloropropene	<1	1,2,4-Trichlorobenzene	<1
Toluene	<1	Hexachlorobutadiene	<1
trans-1,3-Dichloropropene	<1	Naphthalene	<1
1,1,2-Trichloroethane	<1	1,2,3-Trichlorobenzene	<1
2-Hexanone	<10		

506112

MP 06/~~05~~ 04 (ND) /15 B04/V6

USEPA
DateShipped: 6/4/2015
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Site #: 10PB
Contact Name: Eric Nuchims
Contact Phone: 2064193415

No: 10-060415-095219-0024
Cooler #: Cooler 26
Lab: Friedman & Bruya
Lab Phone: (206) 285-8282

Lab #	Collected	Sample Time	Sample #	Location	Analyses	Matrix	Numb Cont	Container	Preservative	Lab QC
01 A-B	6/4/2015	07:31	15053134	TB09GW	8260B - VOCs/1 wk TAT	Filtered Water	2	40 ml VOA	HCL<2	N
1 C D	6/4/2015	07:31	15053134	TB09GW	NWTPH-GRO/1 wk TAT	Filtered Water	2	40 ml VOA	HCL<2	N
02 A-C	6/3/2015	18:05	15053127	BH20GW	Oil Fingerprinting TPH-Dx	Ground Water	3	40 ml VOA	HCL<2	N
1 D E	6/3/2015	18:05	15053127	BH20GW	Oil Fingerprinting	Ground Water	2	32 oz Amber	Wet Ice	N
03 A-I	6/3/2015	18:45	15053131	BH12GW	Oil Fingerprinting	Ground Water	9	40 ml VOA	HCL<2	Y
- J M	6/3/2015	18:45	15053131	BH12GW	Oil Fingerprinting	Ground Water	4	32 oz Amber	Wet Ice	Y

Special Instructions: 1 week TAT. Preliminary results to mwoodke@ene.com.
TPH-Dx added per Mark Woodke [illegible] 6/8/15

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
			[illegible]		
			F&B, Inc.	06/04/15	
				17:50	

Samples received at 4 °C