



Hydrocarbon Analysis Results

Client:	Samples taken	Thursday, May 4, 2017
Address:	Samples extracted	Thursday, May 4, 2017
	Samples analysed	Friday, May 5, 2017
Contact:	Operator	BRUZDZINSKI
Project:		

U00904

Matrix	Sample ID	Dilution used	BTEX (C6 - C9)	GRO (C5 - C10)	DRO (C10 - C35)	TPH (C5 - C35)	Total Aromatics (C10-C35)	16 EPA PAHs	BaP	% Ratios			HC Fingerprint Match
										C5 - C10	C10 - C18	C18	
s	ST-S	17.8	<0.45	<0.45	2.4	2.4	1.7	<0.14	<0.018	0	80.2	19.8	Deg Fuel 76.2%,(FCM),(BO)
s	ST-N	15.6	<0.39	<0.39	1.1	1.1	0.76	<0.12	<0.016	0	80.7	19.3	Deg Fuel 70.6%,(FCM)
s	NT-FN	19.8	<0.5	0.85	4.1	5	1.6	<0.16	<0.02	75.4	21.4	3.2	Deg.Diesel 68.8%,(FCM)
s	NT-FS	18.8	<0.47	<0.47	2.6	2.6	0.97	<0.15	<0.019	73.9	22.5	3.7	Deg.Diesel 68.1%,(FCM)
s	NT-SE	6.5	<0.16	1.2	<0.16	1.2	0.13	<0.05	<0.006	96.6	2.2	1.2	V.Deg.PHC 83.1%,(FCM)
s	NT-SW	6.1	<0.15	<0.15	2.2	2.2	0.4	<0.05	<0.006	0	68.4	31.6	Deg.Fuel 80.2%,(FCM)
s	NT-WN	8.1	<0.2	<0.2	1.2	1.2	0.11	<0.06	<0.008	0	100	0	Waste Oil 75.1%,(FCM)
s	NT-WS	7.6	<0.19	0.39	1	1.4	0.35	<0.06	<0.008	86.5	12.7	0.8	Deg.Diesel 69.9%,(FCM),(P)
s	NT-EN	20.2	<0.5	11	71.4	82.4	42.3	1.6	<0.02	64.4	34.4	1.2	Deg.Diesel 84.5%,(FCM)
s	NT-ES	21.5	<0.54	0.88	3.8	4.7	1.7	<0.17	<0.021	78.7	20.2	1.1	Deg.Diesel 84%,(FCM)

Initial Calibrator QC check **OK**

Final FCM QC Check **OK**

102.9 %

Concentration values in mg/kg for soil samples and mg/L for water samples. Soil values uncorrected for moisture or stone content. Fingerprints provide a tentative hydrocarbon identification.

Abbreviations :- FCM = Results calculated using Fundamental Calibration Mode : % = confidence of hydrocarbon identification : (PFM) = Poor Fingerprint Match : (T) = Turbid : (P) = Particulate detected

B = Blank Drift : (SBS)/(LBS) = Site Specific or Library Background Subtraction applied to result : (BO) = Background Organics detected : (OCR) = Outside cal range : (M) = Modified Result.

% Ratios estimated aromatic carbon number proportions : HC = Hydrocarbon : PHC = Petroleum HC : FP = Fingerprint only.

Data generated by HC-1 Analyser

