REMEDIATION SUMMARY REPORT

of the

GILBERT PLAINS BUS GARAGE

16 FINDLATER AVENUE

GILBERT PLAINS, MANITOBA

JNT-027-20-0164

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EXECUTIVE SUMMARY

In June 2020, Talon Projects Inc. (Talon) was retained by Mountain View School Division (MVSD) to complete a Phase II Environmental Site Assessment (ESA) for their property at 16 Findlater Avenue, Gilbert Plains, Manitoba. Based on the results of the assessment, Manitoba Conservation designated the property an impacted site. A remediation plan was submitted to Manitoba Conservation in January 2021, and authorization to proceed was provided by Manitoba Conservation in a letter dated January 26, 2021.

A public tender competition was concluded on May 28, 2021. The contract was awarded to J&T Repair Centre. Remediation activities began on June 24, 2021, and continued until June 30, 2021, when backfilling was completed. Placement of a final lift of crushed aggregate over a portion of the excavated area was completed in September 2021.

Although the subject property (bus garage) was remediated to the applicable commercial criteria, the impacts appeared to continue eastward towards the property boundary (and potentially beyond) along a substantial face. To remove impacted soil along the eastern boundary (including impacted soils on the adjacent property), permission to continue remediation activities eastward beyond the property line was obtained from the Municipality of Gilbert Plains. The excavated area was extended eastward onto the adjacent property (November 18 - 23, 2021).

Combining June and November site activities, approximately 2280 m^3 of impacted soils were removed from the site. Of the total removed, 2150 m^3 was transported to the Gilbert Plains Landfill as landfill cover and 128 m^3 was transported to the City of Dauphin Landfill for additional treatment.

An estimated 1690 m^3 of clean backfill was reclaimed from the site during remediation activities. Additional clean backfill was obtained from a local borrow pit.

A total of 31 floor and wall soil samples were selected for laboratory analysis. One floor sample (B12) slightly exceeded the inhalation criteria (basement) for Benzene. As this floor sample was located 3.9 m below ground level (BGL), the inhalation risk to residential construction is minimal. All other samples returned results below the applicable criteria for BTEX and PHC in soil.

As remediation activities continued eastward from the historical source of the impacts, a thin (0-15 cm), laterally contiguous layer of sandy silt was noted 2.7 - 3.6 m BGL with slightly higher rates of groundwater flow compared to the overlying/underlying silty clay/clayey silts. The impacts likely spread eastward via this layer, with the horizontal impacts spreading due to seasonal fluctuations in the groundwater level. The discontinuous thickness of the sandy silt layer left some locations with relatively lower concentrations of petroleum hydrocarbons compared to others.

Based on the work completed at the site and the headspace and laboratory results from the closure samples, no further work is recommended at this time.

1.0 INTRODUCTION

1.1 BACKGROUND

In June 2020, Talon Projects Inc. (Talon) was retained by Mountain View School Division (MVSD) to complete a Phase II Environmental Site Assessment (ESA) for their property at 16 Findlater Avenue, Gilbert Plains, Manitoba. Based on the results of the assessment, Manitoba Conservation designated the property an impacted site. A remediation plan was submitted to Manitoba Conservation in January 2021, and authorization to proceed was provided by Manitoba Conservation in a letter dated January 26, 2021.

The site investigation delineated approximately 1800 m^3 of petroleum hydrocarbon (PHC) impacted soil on the property (Figure 2). Of the total estimated impacted volume, approximately 1300 m^3 was expected to meet the Manitoba Conservation criteria for use as landfill cover. The remaining 500 m^3 would require transport to the City of Dauphin Landfill (a licensed PHC soil remediation facility) for treatment and final disposal.

The impacted soil outlined in the Phase II ESA was noted within 3 m of the east property boundary. The water levels and soil types encountered in the test holes appeared to indicate a very low (flat) groundwater flow gradient.

1.2 SCOPE OF WORK

The scope of work included:

1. Removal of impacted soil within and outside the area delineated in the Phase II ESA report.
2. Field screening of impacted soils to designate as either:
    a. meeting criteria for use as landfill soil cover (local municipal landfill disposal), or
    b. requiring further treatment and disposal at a licensed PHC soil treatment facility.
3. Backfilling excavated areas with both non-impacted soil from excavation and imported fill, and compacting to meet requirements for future site use/development.
4. Preparing tender documents and selecting a contractor to complete the work.
5. Contract administration and monitoring of site work.
6. Preparing Remediation Summary Report following site work.

1.3 SITE INFORMATION SUMMARY

1.3.1 Site Description

The Gilbert Plains Bus Garage is located at 16 Findlater Avenue in the Town of Gilbert Plains, Manitoba (Figure 1). The Town of Gilbert Plains is in the Rural Municipality of Gilbert Plains.

The property is currently occupied by a 15.2 m x 18.9 m bus maintenance garage (commercial land use), a concrete dike, and a gravel parking lot. Historically, the site appears to have been used as a bus garage (+40 years). Prior to their removal in June 2020, there were two 4,545 L single-walled aboveground petroleum storage tanks on the site (Talon Projects Inc., 2020).

1.3.2 Adjacent Properties and Sensitive Environments

The subject property is located on the north side of Findlater Avenue and Provincial Trunk Highway (PTH) 5. There are residential properties adjacent to the subject property (east and west), and agricultural fields north of the property. There is a mix of agricultural and residential properties south of PTH 5 (Figure 2).

The Valley River is located approximately 1 km north-northwest of the subject property. There is a sewer pond 440 m north-northeast of the site.

1.3.3 Soil Stratigraphy

As per the Phase II ESA (Talon Projects Inc., 2020), the surficial geology of the site is comprised of lacustrine clay and silt with thin sand and gravel lenses/layers.

2.0 METHODOLOGY

2.1 PRE-CONSTRUCTION

A public tender competition was concluded on May 28, 2021. The contract was awarded to J&T Repair Centre. Following the tender competition, arrangements were made with the Municipality of Gilbert Plains (Gilbert Plains Landfill) and the City of Dauphin Landfill prior to scheduling to ensure both facilities were ready to receive the impacted soil.

2.2 SITE ACTIVITIES

As per the Remediation Plan (Talon Projects Inc., 2021), the work included:

1. Locating buried utilities
2. Soil excavation
    a. Soil characterization and sampling
    b. Clean soil stockpiling
    c. Transportation and disposal of impacted soils
    d. Backfilling of the excavation
3. Confirmatory soil sampling and surveying of finished excavation
4. Placement of final lift of A-base gravel over excavation area

2.3 REMEDIATION CRITERA

The CCME guidelines for BTEX and the CCME Canada Wide Standards for Petroleum Hydrocarbons (CWS for PHC) were used (as per Manitoba Conservation).

2.3.1 Remediation Criteria for Excavation on Property (Commercial)

Based on the site sensitivity analysis in the Phase II ESA (Talon Projects Inc., 2020), the following criteria was used during remediation activities:

1. CCME commercial values for fine-grained surface soil above 1.5 m below ground level (BGL), in a non-potable water situation:
    a. Inhalation of indoor air check (slab on grade) human health guideline exposure pathway for benzene
    b. Soil contact environmental health guideline exposure pathway for toluene, ethylbenzene, xylenes, F1-F4
2. CCME commercial values for fine-grained subsurface soil below 1.5 m BGL, in a non-potable water situation:
    a. Inhalation of indoor air check (slab on grade) human health guideline exposure path for BTEX
    b. Management Limits for F1-F4

2.3.2 Remediation Criteria for Excavation Adjacent Property (Residential)

The adjacent property (eastside) was formerly a trailer park (residential land use). Using the site-sensitivity analysis from the Phase II ESA (Talon Projects, 2020), the

following remediation criteria was used with respect to work completed on the adjacent property.

1. CCME residential values for fine-grained surface soil above 1.5 m below ground level (BGL), in a non-potable water situation:
    a. Inhalation of indoor air check (basement) human health guideline exposure pathway for benzene
    b. Soil contact environmental health guideline exposure pathway for toluene, ethylbenzene, xylenes, F1-F4
2. CCME residential values for fine-grained subsurface soil below 1.5 m BGL, in a non-potable water situation:
    a. Inhalation of indoor air check (basement) human health guideline exposure path for BTEX
    b. Management Limits for F1-F4

These values were determined for remediation activities continued off-site onto residential property.

2.4 HEADSPACE MEASUREMENTS

Headspaces were regularly taken of representative soil samples during remediation activities to assist in the characterization of impacted/non-impacted soils.

Recovered soil samples were smelled (olfactory) and then split, with each half put into a separate polyethylene bag. A headspace was created in one bag whereas the second bag was wrapped tightly and placed aside for jarring. The soils bagged for vapour screening (headspace) were broken up in the bag, agitated, and then

allowed to warm in an ambient temperature of 20°C. Once the sample had warmed sufficiently (10 minutes or before excessive condensation formed in the bag), a hydrocarbon vapour detector (Gastechtor) was used to sample the headspace for volatile hydrocarbons. The highest readings (in PPM or LEL) for each headspace sampled were then recorded.

Samples selected for additional laboratory testing were taken from the split and jarred in 125ml soil jars (duplicate) and the Terra Core BTEX vials.

2.5 LABORTORY SAMPLE PROTOCOL

Quality Assurance/Quality Control (QA/QC) protocols were implemented to ensure field data was accurate and representative of actual soil conditions and to confirm the credibility and integrity of the project results.

The QA/QC program contained the following elements:

- Field Sampling Protocol
- Laboratory Analysis Protocol
- Protocol Data Management

Disposable nitrile gloves were used when handling samples. Each field sample was documented with sample type, sample I.D. number, sampling date, sampling site, the samplers name, sampling equipment, and sample site observations. All samples submitted for laboratory analysis were jarred from the split sample, the bag not used for headspace screening. All samples were shipped to the laboratory under a chain of custody.

2.6 OTHER SITE ACTIVITIES

The excavation was surveyed with a total station. The concrete slab of the bus garage was used as the benchmark (BM). This was the same BM used in the Phase II ESA (Talon Projects Inc., 2020).

3.0 REMEDIATION ACTIVITIES

Remediation activities began on June 24, 2021, and continued until June 30, 2021, when backfilling was completed. Placement of a final lift of crushed aggregate over a portion of the excavated area was completed in September 2021.

The eastside adjacent property is owned by the municipality and used for residential purposes (trailer park). Following the June 2021 site activities, consultations with the Municipality of Gilbert Plains indicated the existing trailer park would be decommissioned in 2021.

Although the subject property (bus garage) was remediated to the applicable commercial criteria, the impacts appeared to continue eastward towards the property boundary. To remove impacted soil along the eastern boundary (including impacted soils on the adjacent property), permission to continue remediation activities eastward beyond the property line was obtained from the Municipality of Gilbert Plains.

Following the decommissioning of the adjacent trailer park, and the locating/decommissioning of overhead and buried services, additional remediation activities were initiated on November 18, 2021, and continued until November 23, 2021.

3.1 CHARACTERIZATION AND PROCESS

3.1.1 Initial Soil Characterization

As per Section 1.1, the site was initially characterized as part of the Phase II ESA (Talon Projects Inc, 2020).

3.1.2 Impacted Soil Destinations

All impacted soil was characterized prior to transport to the either the Gilbert Plains Landfill or the City of Dauphin Landfill. As per the Remediation Plan (Talon Projects Inc., 2021), the planned minimum laboratory sampling frequency was one composite soil sample per 150m^3 of soil removed.

Excavated material was broadly characterized as non-impacted soil and impacted soil. As per Manitoba Conservation Guideline 2002-02E (Manitoba Conservation, 2002), impacted soils were further characterized as either “Landfill Cover Soil” or “Soil for Treatment”.

Soils with characterized impacts anticipated to not exceed the values in Table 1 were classed as “Landfill Cover Soil” and shipped to the Gilbert Plains Landfill. Soils with characterized impacts anticipated to exceed the values in the Table 1 were classed as “Soil for Treatment” and shipped to the City of Dauphin Landfill’s licensed treatment facility.

“Non-impacted Soil” was stockpiled on the property and used as backfill for the excavation.

Table 1: PHC and BTEX Criteria for Use of Impacted Soils as Landfill Cover

Parameter	Criteria (mg/kg)
Benzene	5.0
Toluene	14
Ethylbenzene	20
Xylene	21
F1	660
F2	1500
F3	2500
F4	6600

3.1.3 Soil Removal and On-site Characterization

On-site characterization of excavated soils was based on olfactory (smell) and volatile vapour headspace readings. The cut-off headspace for determining impacted soils was 200 ppm and the cut-off headspace for determining additional treatment at the landfill was 500 ppm, based upon prior soil characterization. These values were considered conservative for the site to ensure the respective guidelines were met following soil removal (Talon Projects Inc., 2020).

The bulk of the impacted soil was approximately 1.2 m below ground level (BGL). Non-impacted overburden was removed and stockpiled on-site. Impacted soil was removed by excavator and placed directly into the transports, except for heavily impacted soil which was stored in the excavation until sufficient quantity had accumulated to transport to the Dauphin Landfill. A characterization sample from each transport was either obtained directly from the excavator bucket during loading or from material stockpiled within the excavation awaiting loading.

Impacted soils loaded into transports were then delivered to either the Gilbert Plains Landfill or the City of Dauphin Landfill, depending on characterization results.

3.1.4 Dewatering

Dewatering was completed in the morning via pumper truck. The water was taken to the landfill for disposal.

3.1.5 Backfill

Once excavating was completed, backfilling began with the clean overburden stored on site, followed by imported clay till backfill from the contractor’s local borrow pit.

The on-site inspector visited the borrow pit and confirmed the material was obtained from a clean, previously undeveloped location. Therefore, no laboratory samples of the backfill were taken. The borrow material consisted of a silty clay till.

The backfill was compacted using a tracked excavator. In September, 2021, a final lift of A-Base gravel was placed over a portion of the excavated area and graded. Forty-five cubic meters (45 m^3) of A-Base gravel was placed on the site. The remaining gravel placement (bus garage) and landscaping (adjacent property) is planned for completion in the spring of 2022.

3.2 QUANTITIES

3.2.1 June 2021 Excavation (Bus Garage Property)

Approximately 955 m^3 of clean soil from the excavation was stored on-site for use as backfill. Approximately 1590 m^3 of Landfill Cover Soil was transported to the Gilbert Plains Landfill. A total of 218 tonnes (128 m^3) of "Soil for Treatment" was transported to the City of Dauphin Landfill. An SG of 1.7 was used to convert tonnages to volume.

3.2.2 November 2021 Excavation (Adjacent Former Trailer Park)

Approximately 735 m^3 of clean soil from the excavation was stored on-site for use as backfill. Approximately 560 m^3 of Landfill Cover Soil was transported to the Gilbert Plains Landfill.

3.3 IMPACTED SOIL SAMPLES - LABORATORY RESULTS

3.3.1 June 2021 Excavation (Bus Garage Property)

Tables 2 & 3 contain the laboratory test results (BTEX and PHC-CWS Fractions) for impacted soil transported for off-site disposal and/or treatment (Gilbert Plains Landfill and the City of Dauphin Landfill).

Twelve (12) samples of impacted soil were submitted to ALS Laboratories for analytical testing (Appendix A). As noted in Section 3.1.3, headspace measurements

exceeding 200 ppm denoted impacted soil and headspace measurements exceeding 500 ppm denoted impacted soil requiring additional treatment at the City of Dauphin Landfill.

Table 2: Laboratory Results for BTEX (Removed to Landfill)

Soil to Landfill (m^3)	Landfill	Sample	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene (mg/kg)
0-150	Gilbert Plains	C2	3.74	14	19.5	19
150-278	Dauphin	C25	7.81	3.09	25.2	357.7
278-350	Gilbert Plains	C31	2.47	15.1	18.7	30.2
350-500	Gilbert Plains	C35	3.87	3.2	24.6	29.7
500-650	Gilbert Plains	C36	4.13	5.91	25.7	18.4
650-800	Gilbert Plains	C45	2.5	9.38	8.33	26
800-950	Gilbert Plains	C47	4.65	6.72	6.71	18
950-1100	Gilbert Plains	C51	3.15	14.2	18	19.6
1100-1250	Gilbert Plains	C57	3.82	3.18	18.3	22
1250-1400	Gilbert Plains	C61	0.09	0.702	4.31	12.6
1400-1550	Gilbert Plains	C75	2.14	0.968	7.49	34.3
1550-1590	Gilbert Plains	C87	<0.050	<0.050	0.165	0.489
ManCon [1]		-	*5*	*14*	*20*	*21.0*

[1]Manitoba Conservation Criteria for Acceptance of Contaminated Soil at Landfills

[2]Shaded values exceed applicable guidelines

Table 3: Laboratory Results for PHC in Impacted Soil (Removed to Landfill)

Soil to Landfill (m^3)	Landfill	Sample	F_1 (mg/kg)	F_2 (mg/kg)	F_3 (mg/kg)	F_4 (mg/kg)
0-150	Gilbert Plains	C2	650	830	51	<50
150-278	Dauphin	C25	2180	81	<50	<50
278-350	Gilbert Plains	C31	600	810	<50	<50
350-500	Gilbert Plains	C35	720	650	<50	<50
500-650	Gilbert Plains	C36	590	810	<50	<50
650-800	Gilbert Plains	C45	490	55	<50	<50
800-950	Gilbert Plains	C47	510	108	<50	<50
950-1100	Gilbert Plains	C51	450	320	80	<50
1100-1250	Gilbert Plains	C57	680	530	<50	<50
1250-1400	Gilbert Plains	C61	630	419	<50	<50
1400-1550	Gilbert Plains	C75	580	283	50	<50
1550-1590	Gilbert Plains	C87	390	75	<50	<50
ManCon [1]		-	*660*	*1500*	*2500*	*6,600*

[1]Manitoba Conservation Criteria for Acceptance of Contaminated Soil at Landfills

[2]Shaded values exceed applicable guidelines

No Benzene results exceeded guidelines in samples recovered from impacted soil transported to the Gilbert Plains Landfill. There were marginal exceedances of the Toluene, Ethyl-Benzene, Xylene, and F1 PHC Fraction criteria for seven samples.

3.3.2 November 2021 Excavation (Adjacent Former Trailer Park)

Tables 4 & 5 contain the laboratory test results (BTEX and PHC-CWS Fractions) for impacted soil transported for off-site disposal and/or treatment (Gilbert Plains Landfill and the City of Dauphin Landfill).

Four (4) samples of impacted soil were submitted to ALS Laboratories for analytical testing (Appendix A). As noted in Section 3.1.3, headspace measurements exceeding 200 ppm denoted impacted soil and headspace measurements exceeding 500 ppm denoted impacted soil requiring additional treatment at the City of Dauphin Landfill.

Table 4: Laboratory Results for BTEX (Removed to Landfill)

Soil to Landfill (m^3)	Landfill	Sample	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene (mg/kg)
0-100	Gilbert Plains	K10	3.14	1.73	18	57.5
100-170	Gilbert Plains	K19	4.7	<0.050	6.64	1.67
170-210	Gilbert Plains	K23	4.52	0.63	10.5	7.21
210-250	Gilbert Plains	K34	0.31	0.354	7.55	5.68
ManCon [1]		-	*5*	*14*	*20*	*21.0*

[1]Manitoba Conservation Criteria for Acceptance of Contaminated Soil at Landfills

[2]Shaded values exceed applicable guidelines

Table 5: Laboratory Results for PHC in Impacted Soil (Removed to Landfill)

Soil to Landfill (m^3)	Landfill	Sample	F_1 (mg/kg)	F_2 (mg/kg)	F_3 (mg/kg)	F_4 (mg/kg)
0-100	Gilbert Plains	K10	630	473	<50	<50
100-170	Gilbert Plains	K19	714	336	<50	<50
170-210	Gilbert Plains	K23	670	496	<50	<50
210-250	Gilbert Plains	K34	635	118	<50	<50
ManCon [1]		-	*660*	*1500*	*2500*	*6,600*

[1]Manitoba Conservation Criteria for Acceptance of Contaminated Soil at Landfills

[2]Shaded values exceed applicable guidelines

No Benzene results exceeded guidelines in samples recovered from impacted soil transported to the Gilbert Plains Landfill. There were slight exceedances of the Xylene and F1 PHC Fraction criteria for three samples.

3.4 FINAL EXCAVATION HEADSPACE SAMPLES

3.4.1 June 2021 Excavation (Bus Garage Property)

The final excavation depth varied between 3.6 – 4.3 m. The excavation was advanced until headspace measurements were below 200 ppm.

Soil samples were obtained directly from the tank excavation walls and floor. Wall samples were sited using a 4.0 m sampling interval at various depths along the excavation walls. Floor samples were sited using an approximate 4.0 m sampling grid.

Soil samples were tested for headspace (Table 6) and select samples were submitted to the laboratory. Headspace values ranged between 70 - 200 ppm.

Table 6: Peak Headspace Vapour Concentrations – Final Excavation June 2021

Location	Sample	Depth (m)	Headspace (ppm)	Location	Sample	Depth (m)	Headspace (ppm)
North Wall	**N1**	3.1	110	Floor	B2	3.6	150
North Wall	N2	3.5	180	Floor	B6	4.2	70
North Wall	**N3**	3.6	200	Floor	B7	3.9	180
North Wall	N4	3.6	70	Floor	**B8**	4.1	100
North Wall	**N5**	2.8	110	Floor	**B9**	3.8	120
West Wall	**W1**	3.8	130	Floor	B13	4.0	160
West Wall	W2	3.3	70	Floor	**B14**	4.2	150
West Wall	**W3**	2.6	130	Floor	B15	4.3	110
West Wall	W4	2.5	140	Floor	**B16**	4.0	180
West Wall	**W5**	2.7	90	Floor	**B20**	3.6	110
West Wall	W6	3.3	190	Floor	**B21**	4.2	100
South Wall	S1	3.8	70	Floor	B22	3.8	190
South Wall	S2	3.4	70	Floor	**B23**	4.2	100
South Wall	**S3**	2.6	170	Floor	B24	3.7	130
South Wall	S4	3.9	190	Floor	**B28**	3.9	110
South Wall	S5	3.4	90	Floor	**B29**	4.2	170
South Wall	**S6**	3.5	80	Floor	B30	4.1	190
South Wall	S7	3.2	100	Floor	B31	3.8	130
Floor	**B1**	3.8	140	Floor	B25	3.8	150

Bolded sample numbers denote samples submitted to the laboratory for confirmatory testing (Section 3.5.1).

3.4.2 November 2021 Excavation (Adjacent Former Trailer Park)

The final excavation depth varied between 3.5 – 4.0 m. The excavation was advanced until headspace measurements were below 200 ppm.

Soil samples were obtained directly from the tank excavation walls and floor. Wall samples were sited using a 4.0 m sampling interval at various depths along the excavation walls. Floor samples were sited using an approximate 4.0 m sampling grid.

Soil samples were tested for headspace (Table 7) and select samples were submitted to the laboratory. Headspace values ranged between 60 - 190 ppm.

Table 7: Peak Headspace Vapour Concentrations – Final Excavation Nov 2021

Location	Sample	Depth (m)	Headspace (ppm)	Location	Sample	Depth (m)	Headspace (ppm)
North Wall	N6	2.5	180	Floor	**B4**	3.6	180
North Wall	**N7**	2.9	180	Floor	B5	4.0	180
North Wall	N8	3.6	150	Floor	**B10**	3.9	190
North Wall	N9	3.3	180	Floor	B11	3.6	90
East Wall	**E1**	2.6	100	Floor	**B12**	3.9	90
East Wall	E2	3.2	60	Floor	B17	3.7	140
East Wall	**E3**	2.7	150	Floor	B18	3.6	130
East Wall	E4	2.9	90	Floor	**B19**	4.0	180
East Wall	**E5**	3.6	160	Floor	B25	3.9	140
South Wall	**S8**	3.2	110	Floor	**B26**	3.7	110
South Wall	S9	3.6	170	Floor	B27	3.9	170
South Wall	**S10**	3.3	170	Floor	**B32**	3.8	190
South Wall	S11	3.5	100	Floor	B33	3.6	130
Floor	B3	3.5	190	Floor	**B34**	3.7	100

Bolded sample numbers denote samples submitted to the laboratory for confirmatory testing (Section 3.5.2).

3.5 FINAL EXCAVATION LABORATORY SAMPLES

3.5.1 June 2021 Excavation (Bus Garage Property)

The analytical chemistry results for BTEX and CWS-PHC Fractions are provided in Table 8 & 9, respectively. All samples are referenced to Figure 3 for location within the excavation. A total of 18 soil samples were submitted for analyses (Appendix A).

Table 8: Laboratory Results for BTEX - June 2021 Excavation

Location	Sample Number	Lab Sample	Depth (m)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene (mg/kg)
Wall	S6	C5	3.5	0.0086	<0.050	1.46	0.68
Floor	B1	C7	3.8	<0.0050	<0.050	0.24	0.073
Floor	B9	C8	3.8	<0.0050	<0.050	0.526	0.243
Floor	B8	C10	4.1	<0.0050	<0.050	<0.015	<0.071
Floor	B14	C11	4.2	0.0073	0.065	2.16	1.01
Floor	B16	C14	4.0	<0.0050	<0.050	0.228	0.137
Wall	S3	C15	2.6	0.0127	0.533	4.08	6.05
Wall	W1	C27	3.8	<0.0050	<0.050	0.178	0.124
Floor	B23	C34	4.2	<0.0050	<0.050	0.065	<0.071
Floor	B29	C50	4.2	<0.0050	<0.050	0.177	0.14
Floor	B21	C53	4.2	<0.0050	<0.050	0.216	0.139
Floor	B20	C77	3.6	<0.050	<0.050	2.25	0.976
Wall	W3	C80	2.6	<0.0050	0.126	1.1	6.57
Wall	W5	C83	2.7	<0.0050	<0.050	2.16	0.093
Floor	B28	C85	3.9	<0.0050	<0.050	0.323	0.182
Wall	N5	C86	2.8	<0.0050	<0.050	0.328	0.183
Wall	N1	C89	3.1	<0.0050	0.249	0.538	3.84
Wall	N3	C93	3.6	0.0436	0.652	2.02	5.22
CCME[1]	-	-	-	*2.8*	*330*	*430*	*230*
CCME[2]	-	-	-	*2.9*	*13000*	*6700*	*1600*

[1] CCME Commercial EQG (≤1.5 m depth)

[2] CCME Commercial EQG (>1.5m depth)

*Shaded samples exceed applicable criteria

Table 9: Laboratory Results for PHC in Soil June 2021 Excavation

Location	Sample Number	Lab Sample	Depth (m)	F_1 (mg/kg)	F_2 (mg/kg)	F_3 (mg/kg)	F_4 (mg/kg)
Wall	S6	C5	3.5	166	32	<50	<50
Floor	B1	C7	3.8	15	<25	<50	<50
Floor	B9	C8	3.8	103	77	<50	<50
Floor	B8	C10	4.1	<10	<25	<50	<50
Floor	B14	C11	4.2	170	53	<50	<50
Floor	B16	C14	4.0	30	<25	<50	<50
Wall	S3	C15	2.6	386	235	<50	<50
Wall	W1	C27	3.8	27	<25	<50	<50
Floor	B23	C34	4.2	<10	<25	<50	<50
Floor	B29	C50	4.2	26	<25	<50	<50
Floor	B21	C53	4.2	23	<25	<50	<50
Floor	B20	C77	3.6	520	102	<50	<50
Wall	W3	C80	2.6	56	65	<50	<50
Wall	W5	C83	2.7	179	40	<50	<50
Floor	B28	C85	3.9	34	<25	<50	<50
Wall	N5	C86	2.8	30	<25	<50	<50
Wall	N1	C89	3.1	29	<25	<50	<50
Wall	N3	C93	3.6	81	50	<50	<50
CCME [1]	-	-	-	*320*	*260*	*2500*	*6,600*
CCME [2]	-	-	-	*800*	*1000*	*5000*	*10,000*

[1] CCME CWS for PHC Eco Soil Contact for samples <1.5m depth, fine-grained soil (commercial)

[2] CCME CWS for PHC Management Limit Data for samples >1.5m depth , fine-grained soil (commercial)

*Shaded samples exceed applicable criteria

All samples returned results below the applicable criteria.

3.5.2 November 2021 Excavation (Adjacent Former Trailer Park)

The analytical chemistry results for BTEX and CWS-PHC Fractions are provided in Table 10 & 11, respectively. All samples are referenced to Figure 3 for location within the excavation. A total of 13 soil samples were submitted for analyses (Appendix A).

Table 10: Laboratory Results for BTEX

Location	Sample Number	Lab Sample	Depth (m)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene (mg/kg)
Floor	B12	K13	3.9	2.63	<0.050	0.093	<0.071
Wall	S10	K16	3.3	0.0179	0.124	0.612	1.9
Wall	E1	K21	2.6	<0.050	<0.050	1.36	0.115
Floor	B19	K25	4.0	<0.0050	<0.050	<0.015	<0.071
Wall	E3	K27	2.7	0.902	0.152	4.48	1.36
Floor	B26	K28	3.7	<0.0050	<0.050	<0.015	<0.071
Floor	B34	K31	3.7	<0.0050	<0.050	<0.015	<0.071
Wall	E5	K35	3.6	<0.0050	<0.050	<0.015	<0.071
Floor	B4	K41	3.6	0.284	0.402	6.19	7.76
Wall	N7	K42	2.9	<0.0050	<0.050	<0.015	<0.071
Floor	B32	K44	3.8	<0.0050	<0.050	<0.015	<0.071
Floor	B10	K49	3.9	<0.0050	<0.050	<0.015	<0.071
Wall	S8	K51	3.2	<0.0050	<0.050	<0.015	<0.071
CCME[1]	-	-	-	*2.1*	*110*	*120*	*65*
CCME[2]	-	-	-	*2.1*	*2600*	*1300*	*320*

[1] CCME Residential EQG (≤1.5 m depth)

[2] CCME Residential EQG (>1.5m depth)

*Shaded samples exceed applicable criteria

Table 11: Laboratory Results for PHC in Soil

Location	Sample Number	Lab Sample	Depth (m)	F_1 (mg/kg)	F_2 (mg/kg)	F_3 (mg/kg)	F_4 (mg/kg)
Floor	B12	K13	3.9	<10	<25	<50	<50
Wall	S10	K16	3.3	270	75	<50	<50
Wall	E1	K21	2.6	453	89	<50	<50
Floor	B19	K25	4.0	<10	<25	<50	<50
Wall	E3	K27	2.7	65	<25	<50	<50
Floor	B26	K28	3.7	<10	<25	<50	<50
Floor	B34	K31	3.7	<10	<25	<50	<50
Wall	E5	K35	3.6	<10	<25	<50	<50
Floor	B4	K41	3.6	370	67	<50	<50
Wall	N7	K42	2.9	<10	<25	<50	<50
Floor	B32	K44	3.8	<10	<25	<50	<50
Floor	B10	K49	3.9	<10	<25	<50	<50
Wall	S8	K51	3.2	<10	<25	<50	<50
CCME [1]	-	-	-	*210*	*150*	*1300*	*5,600*
CCME [2]	-	-	-	*710*	*3600*	*N/A*	*N/A*

[1] CCME CWS for PHC Eco Soil Contact for samples <1.5m depth, fine-grained soil (residential)

[2] CCME CWS for PHC Management Limit Data for samples >1.5m depth , fine-grained soil (residential)

*Shaded samples exceed applicable criteria

Sample B12 marginally exceeded the inhalation criteria (basement) for Benzene. All other samples returned results below the applicable compound criteria.

4.0 SUMMARY AND RECOMMENDATIONS

4.1 SUMMARY

Combining June and November site activities, approximately 2280 m^3 of impacted soils were removed from the site. Of the total removed, 2150 m^3 was transported to the Gilbert Plains Landfill as landfill cover and 128 m^3 was transported to the City of Dauphin Landfill for additional treatment.

An estimated 1690 m^3 of clean backfill was reclaimed from the site during remediation activities. Additional clean backfill was obtained from a local borrow pit.

A total of 31 floor and wall soil samples were selected for laboratory analysis. One floor sample (B12) slightly exceeded the inhalation criteria (basement) for Benzene. As this floor sample was located 3.9 m BGL, the inhalation risk to residential construction is minimal. All other samples returned results below the applicable criteria for BTEX and PHC in soil.

As remediation activities continued eastward from the historical source of the impacts, a thin (0-15 cm), laterally contiguous layer of sandy silt was noted 2.7 - 3.6 m BGL with slightly higher rates of groundwater flow compared to the overlying/underlying silty clay/clayey silts. The impacts likely spread eastward via this layer, with the horizontal impacts spreading due to seasonal fluctuations in the groundwater level. The discontinuous thickness of the sandy silt layer left some locations with relatively lower concentrations of petroleum hydrocarbons compared to others.

4.2 RECOMMENDATIONS

Based on the work completed at the site and the headspace and laboratory results from the closure samples, no additional work at the site is recommended at this time.

5.0 CLOSURE

The findings and recommendations of this report were prepared in accordance with generally accepted professional project management principals and practice. The findings and discussions were based on the results of the fieldwork, laboratory analysis, soil conditions at the excavation, and consultations with the Mountain View School Division staff. The excavation is location specific and test results are hole location specific.

Talon Projects Inc. would like to thank Ernest Karpiak of Mountain View School Division, and Manitoba Conservation for their assistance during the remediation.

This report has been prepared for the exclusive use of the Mountain View School Division and their agents for the purpose of assessing the environmental condition of the Gilbert Plains Bus Garage in Gilbert Plains, Manitoba. Talon Projects Inc. accepts no responsibility for any third party's interpretation or use of the information. Any questions pertaining to this report should be directed to the undersigned.

Talon Projects Inc.

Wayne Pitura, P.Eng.
Project Engineer

6.0 REFERENCES

Canadian Council of Ministers of the Environment (CCME). 1994. Canadian Environmental Quality Guidelines (EQG).

Canadian Council of Ministers of the Environment (CCME). 2008. Canada-wide Standards for Petroleum Hydrocarbons (CWS PHC) in Soil.

Canadian Standards Association. 1994. Phase I Environmental Site Assessment. (CSA Z768-94)

Manitoba Conservation. 2002. Guideline 2002-02E: Criteria for Acceptance of Contaminated Soil at Licensed Waste Disposal Grounds.

Talon Projects Inc. 2020. Phase II Environmental Site Assessment of the Gilbert Plains Bus Garage.

Talon Projects Inc. 2021. Remediation Plan for the Gilbert Plains Bus Garage.

7.0 APPENDICES

Courtesy of © 2020 Google Earth

Talon Projects Inc.
53065 MUN 28E, ROSEWOOD, MANITOBA, R5K 0H3
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DESIGNED BY:	DRAWN BY: EPJ
CHECKED BY:	APPROVED FOR CONSTRUCTION:
DATE: DECEMBER 2021	SCALE: NTS

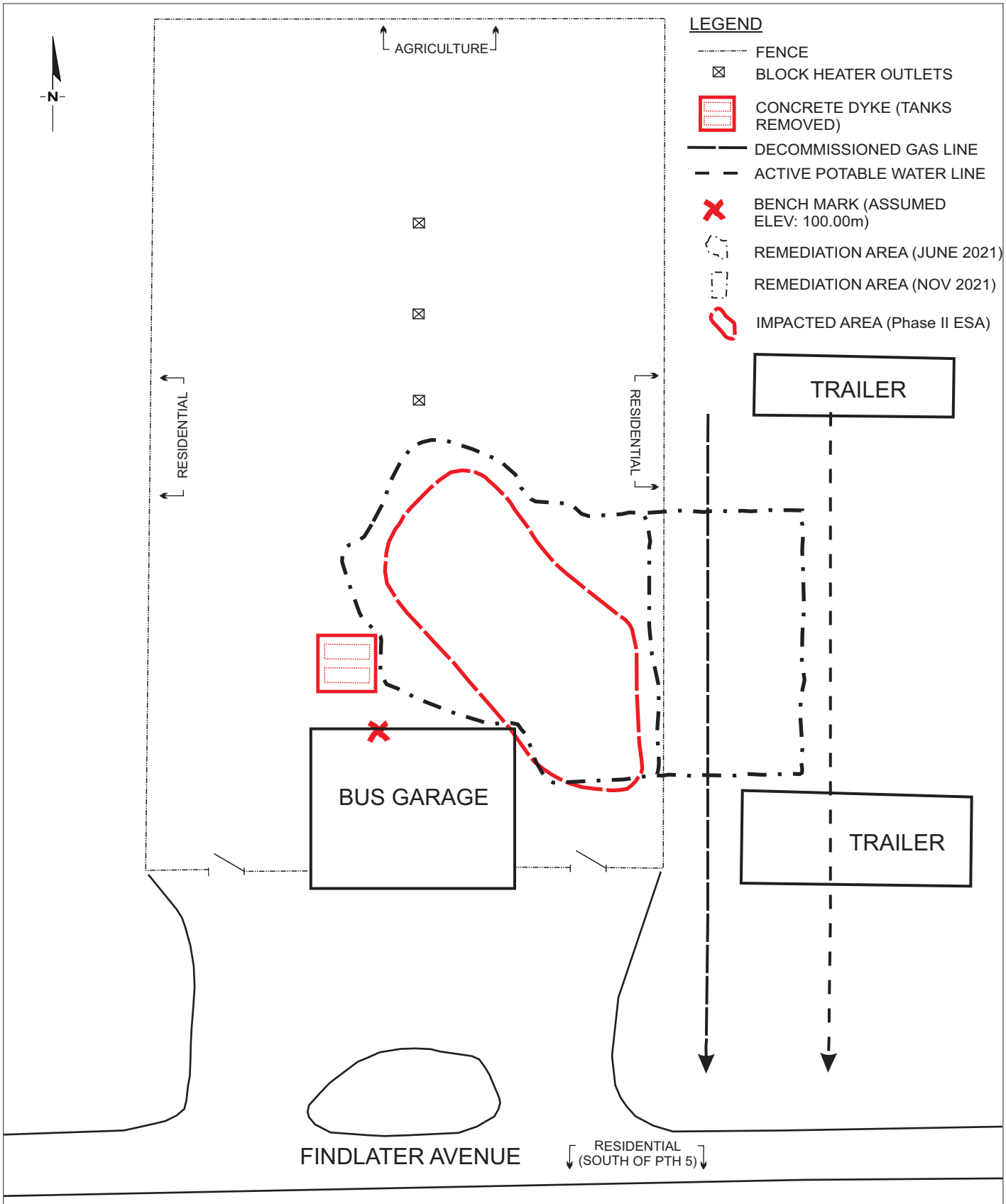
MOUNTAIN VIEW SCHOOL DIVISION

GILBERT PLAINS, MANITOBA

REMEDIATION SUMMARY REPORT

16 FINDLATER AVENUE - FIGURE 1

DRAWING NO. JNT-027-20-0164-A-FIG1



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DATE: JANUARY 2022	SCALE: 1:500

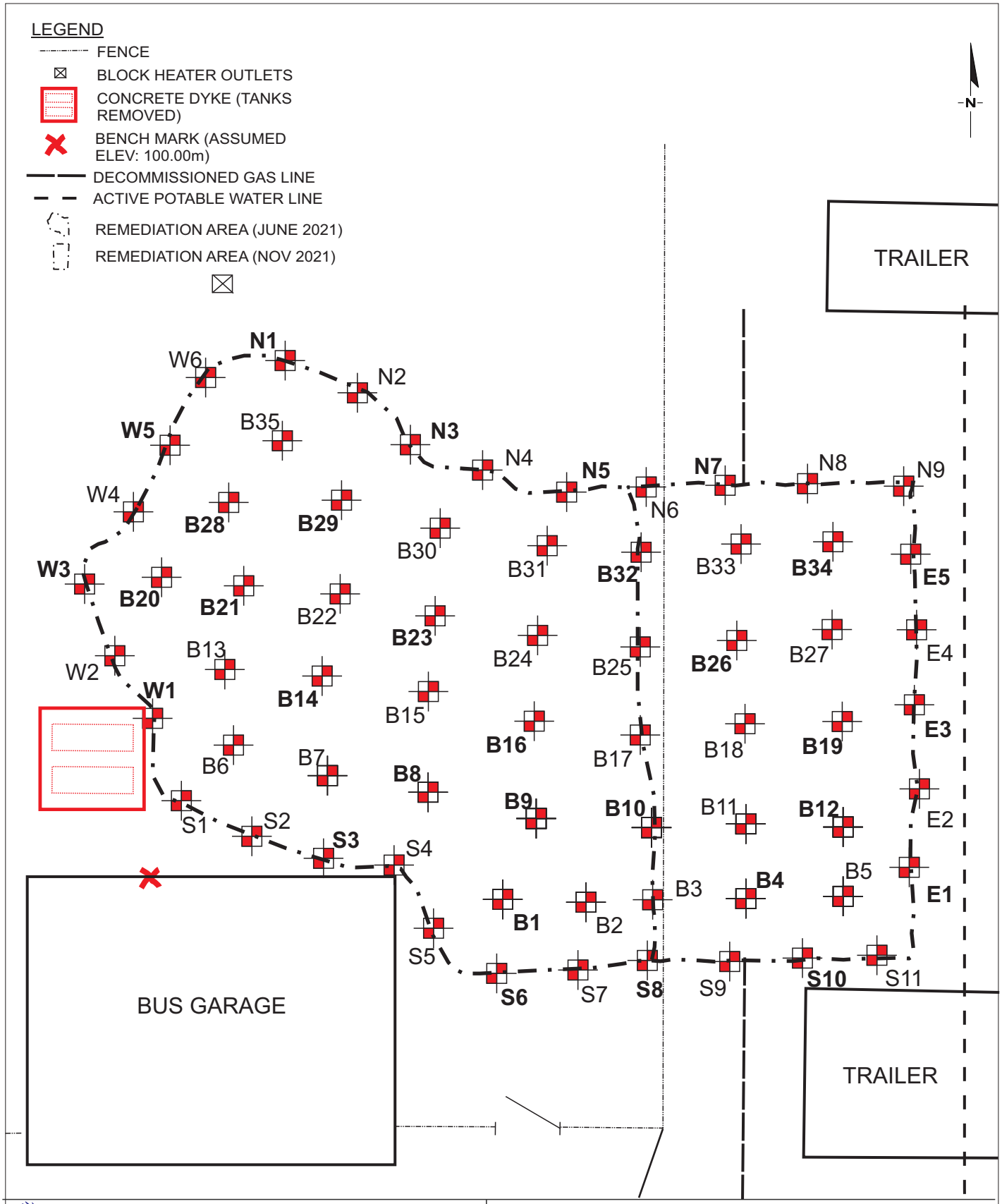
MOUNTAIN VIEW SCHOOL DIVISION

GILBERT PLAINS, MANITOBA

REMEDIATION SUMMARY REPORT

BUS GARAGE IMPACTED AREA - FIGURE 2

DRAWING NO. JNT-027-20-0164-A-FIG 2



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DATE:	JANUARY 2022	SCALE:	1:270

MOUNTAIN VIEW SCHOOL DIVISION

GILBERT PLAINS, MANITOBA

REMEDIATION SUMMARY REPORT

EXCAVATION LIMITS AND SAMPLES - FIGURE 3

DRAWING NO. JNT-027-20-0164-A-FIG 3

Photo # 1: View of excavation near bus garage - June 2021.

Photo # 2: Excavating near concrete dyke - June 2021.

Photo # 3: Preparing to remove collected groundwater - June 2021.

Photo #4: Final excavation edge on right, backfill on left - June 2021.

Photo # 5: Backfilling of excavation - June 2021.

Photo # 6: Backfilling of excavation - June 2021.

NO.	DESCRIPTION	DATE	BY

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PHONE: 204.480.8904 FAX: 866.323.0023

DESIGNED BY:		DRAWN BY:	E.P.J
CHECKED BY:		APPROVED BY:	
DATE:	AUG 2021	SCALE:	NOT TO SCALE

ENGINEER'S SEAL

MOUNTAIN VIEW SCHOOL DIVISION
16 FINDLATER AVENUE
GILBERT PLAINS, MANITOBA
SITE PHOTO PAGE - JUNE 2021

DRAWING NO: JNT-027-20-0164-B-SPP1

Photo # 1: View of excavation, adjacent property - November 2021.

Photo # 2: Excavating on adjacent property facing north - November 2021.

Photo # 3: Exposed decommissioned well (note bricks), sealed with bentonite - November 2021.

Photo #4: Excavation prior to advance into bus garage property - November 2021.

Photo # 5: Advancing excavation into bus garage property, backfill on east side - November 2021.

Photo # 6: Backfilling of excavation - November 2021.

NO.	DESCRIPTION	DATE	BY

Talon Projects Inc.
53065 MUN 28E, ROSEWOOD, MANITOBA, R5K 0H3
PHONE: 204.480.8904 FAX: 866.323.0023

DESIGNED BY:
DRAWN BY: E.P.J
CHECKED BY:
APPROVED BY:
DATE: JAN 2022
SCALE: NOT TO SCALE

ENGINEER'S SEAL

MOUNTAIN VIEW SCHOOL DIVISION
16 FINDLATER AVENUE
GILBERT PLAINS, MANITOBA
SITE PHOTO PAGE - NOVEMBER 2021
DRAWING NO: JNT-027-20-0164-B-SPP2

APPENDIX A
Laboratory Results

Talon Projects (Atikokan)
ATTN: WAYNE PITURA
Box 1720
Atikokan ON P0T 1C0

Date Received: 30-JUN-21
Report Date: 22-JUL-21 15:19 (MT)
Version: FINAL REV. 2

Client Phone: 204-480-8904

Certificate of Analysis

Lab Work Order #: L2608585
Project P.O. #: NOT SUBMITTED
Job Reference:
C of C Numbers:
Legal Site Desc:

Comments: ADDITIONAL 12-JUL-21 15:46

Hua Wo
Chemistry Laboratory Manager

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-1 C2							
Sampled By: CLIENT on 24-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	3.74	DLHC	0.050	mg/kg	24-JUN-21	05-JUL-21	R5514105
Toluene	14.0	DLHC	0.50	mg/kg	24-JUN-21	05-JUL-21	R5514105
Ethyl benzene	19.5	DLHC	0.15	mg/kg	24-JUN-21	05-JUL-21	R5514105
o-Xylene	3.8	DLHC	0.50	mg/kg	24-JUN-21	05-JUL-21	R5514105
m+p-Xylenes	15.2	DLHC	0.50	mg/kg	24-JUN-21	05-JUL-21	R5514105
F1 (C6-C10)	650	DLHC	100	mg/kg	24-JUN-21	05-JUL-21	R5514105
Surrogate: 4-Bromofluorobenzene (SS)	96.4		70-130	%	24-JUN-21	05-JUL-21	R5514105
Surrogate: 3,4-Dichlorotoluene (SS)	124.3		70-130	%	24-JUN-21	05-JUL-21	R5514105
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	830		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	51		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	107.9		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	590		100	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	1530		130	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	19		0.71	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	19.2		0.10	%		06-JUL-21	R5513188
L2608585-2 C5							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	0.0086		0.0050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Ethyl benzene	1.46		0.015	mg/kg	25-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.680		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	166		10	mg/kg	25-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	126.2		70-130	%	25-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	128.0		70-130	%	25-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	32		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	103.1		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	164		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	198		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.680		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	21.5		0.10	%		14-JUL-21	R5522011
L2608585-3 C8							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-3 C8							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.526		0.015	mg/kg	25-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.243		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	103		10	mg/kg	25-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	115.1		70-130	%	25-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	114.4		70-130	%	25-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	77		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	98.4		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	102		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	179		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.243		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	21.2		0.10	%		14-JUL-21	R5522011
L2608585-4 C10							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Ethyl benzene	<0.015		0.015	mg/kg	25-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	<10		10	mg/kg	25-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	81.5		70-130	%	25-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	107.3		70-130	%	25-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	94.4		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	<10		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	<0.071		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	23.0		0.10	%		14-JUL-21	R5522011
L2608585-5 C11							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-5 C11							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	0.0073	EMPC	0.0050	mg/kg	25-JUN-21	21-JUL-21	R5525872
Toluene	0.065		0.050	mg/kg	25-JUN-21	21-JUL-21	R5525872
Ethyl benzene	2.16		0.015	mg/kg	25-JUN-21	21-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	25-JUN-21	21-JUL-21	R5525872
m+p-Xylenes	1.01		0.050	mg/kg	25-JUN-21	21-JUL-21	R5525872
F1 (C6-C10)	170		10	mg/kg	25-JUN-21	21-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	149.7	SHMI	70-130	%	25-JUN-21	21-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	120.6		70-130	%	25-JUN-21	21-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	53		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	97.7		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	166		10	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	223		76	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	1.01		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	20.1		0.10	%		14-JUL-21	R5522011
L2608585-7 C14							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.228		0.015	mg/kg	25-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.137		0.050	mg/kg	25-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	30		10	mg/kg	25-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	84.4		70-130	%	25-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	103.1		70-130	%	25-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	95.7		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	30		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.137		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	19.2		0.10	%		14-JUL-21	R5522011
L2608585-8 C15							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-8 C15							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	0.0127	EMPC	0.0050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Toluene	0.533		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Ethyl benzene	4.08		0.015	mg/kg	26-JUN-21	15-JUL-21	R5525872
o-Xylene	0.181		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	5.87		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	386		10	mg/kg	26-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	108.2		70-130	%	26-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	125.4		70-130	%	26-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	235		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	109.6		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	376		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	621		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	6.05		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	19.8		0.10	%		14-JUL-21	R5522011
L2608585-10 C25							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	7.81	DLM	0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Toluene	3.09		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Ethyl benzene	25.2	DLHC	0.15	mg/kg	26-JUN-21	15-JUL-21	R5525872
o-Xylene	32.7		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	325	DLHC	0.50	mg/kg	26-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	2180	DLHC	100	mg/kg	26-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	102.0		70-130	%	26-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	99.9		70-130	%	26-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	81		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	102.0		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	1790		100	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	2260		130	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	357.7		0.50	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	20.5		0.10	%		14-JUL-21	R5522011
L2608585-11 C27							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-11 C27							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.178		0.015	mg/kg	26-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.124		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	27		10	mg/kg	26-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	86.6		70-130	%	26-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	98.0		70-130	%	26-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	101.5		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	27		10	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.124		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	20.5		0.10	%		14-JUL-21	R5522011
L2608585-12 C31							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	2.47	DLHC	0.050	mg/kg	26-JUN-21	05-JUL-21	R5514105
Toluene	15.1	DLHC	0.50	mg/kg	26-JUN-21	05-JUL-21	R5514105
Ethyl benzene	18.7	DLHC	0.15	mg/kg	26-JUN-21	05-JUL-21	R5514105
o-Xylene	7.3	DLHC	0.50	mg/kg	26-JUN-21	05-JUL-21	R5514105
m+p-Xylenes	22.9	DLHC	0.50	mg/kg	26-JUN-21	05-JUL-21	R5514105
F1 (C6-C10)	600	DLHC	100	mg/kg	26-JUN-21	05-JUL-21	R5514105
Surrogate: 4-Bromofluorobenzene (SS)	108.7		70-130	%	26-JUN-21	05-JUL-21	R5514105
Surrogate: 3,4-Dichlorotoluene (SS)	130.3	SHMI	70-130	%	26-JUN-21	05-JUL-21	R5514105
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	810		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	99.8		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	530		100	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	1410		130	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	30.2		0.71	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	18.3		0.10	%		06-JUL-21	R5513188
L2608585-13 C34							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-13 C34							
Sampled By: CLIENT on 26-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.065		0.015	mg/kg	26-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	<0.050		0.050	mg/kg	26-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	<10		10	mg/kg	26-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	84.4		70-130	%	26-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	103.8		70-130	%	26-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	100.2		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	<10		10	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	<0.071		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	22.1		0.10	%		14-JUL-21	R5522011
L2608585-14 C35							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	3.87	DLHC	0.050	mg/kg	27-JUN-21	05-JUL-21	R5514105
Toluene	3.20		0.050	mg/kg	27-JUN-21	05-JUL-21	R5514105
Ethyl benzene	24.6	DLHC	0.15	mg/kg	27-JUN-21	05-JUL-21	R5514105
o-Xylene	4.58		0.050	mg/kg	27-JUN-21	05-JUL-21	R5514105
m+p-Xylenes	25.1	DLHC	0.50	mg/kg	27-JUN-21	05-JUL-21	R5514105
F1 (C6-C10)	720	DLHC	100	mg/kg	27-JUN-21	05-JUL-21	R5514105
Surrogate: 4-Bromofluorobenzene (SS)	103.8		70-130	%	27-JUN-21	05-JUL-21	R5514105
Surrogate: 3,4-Dichlorotoluene (SS)	111.4		70-130	%	27-JUN-21	05-JUL-21	R5514105
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	650		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	103.8		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	660		100	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	1370		130	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	29.7		0.50	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	23.4		0.10	%		06-JUL-21	R5513188
L2608585-15 C36							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-15 C36							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	4.13	EMPC	0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
Toluene	5.91		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
Ethyl benzene	25.7	DLHC	0.15	mg/kg	27-JUN-21	15-JUL-21	R5525872
o-Xylene	3.87		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	14.5	DLHC	0.50	mg/kg	27-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	590	DLHC	100	mg/kg	27-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	98.3		70-130	%	27-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	100.6		70-130	%	27-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	870		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	114.2		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	540		100	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	1460		130	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	18.4		0.50	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	21.1		0.10	%		14-JUL-21	R5522011
L2608585-18 C45							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	2.5	DLHC	0.050	mg/kg	27-JUN-21	08-JUL-21	R5514105
Toluene	9.38		0.050	mg/kg	27-JUN-21	08-JUL-21	R5514105
Ethyl benzene	8.33		0.015	mg/kg	27-JUN-21	08-JUL-21	R5514105
o-Xylene	2.48		0.050	mg/kg	27-JUN-21	08-JUL-21	R5514105
m+p-Xylenes	23.5	DLHC	0.50	mg/kg	27-JUN-21	08-JUL-21	R5514105
F1 (C6-C10)	490	DLHC	100	mg/kg	27-JUN-21	08-JUL-21	R5514105
Surrogate: 4-Bromofluorobenzene (SS)	116.0		70-130	%	27-JUN-21	08-JUL-21	R5514105
Surrogate: 3,4-Dichlorotoluene (SS)	141.3	SHMI	70-130	%	27-JUN-21	08-JUL-21	R5514105
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	55		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	100.0		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	440		100	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	550		130	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	26.0		0.50	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	23.6		0.10	%		06-JUL-21	R5513188
L2608585-19 C47							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-19 C47							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	4.65	DLHC	0.050	mg/kg	27-JUN-21	05-JUL-21	R5514105
Toluene	6.72		0.050	mg/kg	27-JUN-21	05-JUL-21	R5514105
Ethyl benzene	6.71		0.015	mg/kg	27-JUN-21	05-JUL-21	R5514105
o-Xylene	6.78		0.050	mg/kg	27-JUN-21	05-JUL-21	R5514105
m+p-Xylenes	11.18	DLHC	0.50	mg/kg	27-JUN-21	05-JUL-21	R5514105
F1 (C6-C10)	510	DLHC	100	mg/kg	27-JUN-21	05-JUL-21	R5514105
Surrogate: 4-Bromofluorobenzene (SS)	108.3		70-130	%	27-JUN-21	05-JUL-21	R5514105
Surrogate: 3,4-Dichlorotoluene (SS)	130.9	SHMI	70-130	%	27-JUN-21	05-JUL-21	R5514105
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	108		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	101.4		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	470		100	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	620		130	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	18.0		0.50	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	18.7		0.10	%		06-JUL-21	R5513188
L2608585-20 C50							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	27-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.177		0.015	mg/kg	27-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.140		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	26		10	mg/kg	27-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	92.4		70-130	%	27-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	110.2		70-130	%	27-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	99.3		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	25		10	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.140		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	22.8		0.10	%		14-JUL-21	R5522011
L2608585-21 C51							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-21 C51							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	3.15	DLHC	0.50	mg/kg	27-JUN-21	06-JUL-21	R5515819
Toluene	14.2	DLHC	5.0	mg/kg	27-JUN-21	06-JUL-21	R5515819
Ethyl benzene	18.0	DLHC	1.5	mg/kg	27-JUN-21	06-JUL-21	R5515819
o-Xylene	5.32	DLHC	5.0	mg/kg	27-JUN-21	06-JUL-21	R5515819
m+p-Xylenes	14.3	DLHC	5.0	mg/kg	27-JUN-21	06-JUL-21	R5515819
F1 (C6-C10)	450	DLHC	1000	mg/kg	27-JUN-21	06-JUL-21	R5515819
Surrogate: 4-Bromofluorobenzene (SS)	106.8		70-130	%	27-JUN-21	06-JUL-21	R5515819
Surrogate: 3,4-Dichlorotoluene (SS)	121.9		70-130	%	27-JUN-21	06-JUL-21	R5515819
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	320		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	80		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	111.2		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	400		1000	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	850		1000	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	19.6		7.1	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	18.8		0.10	%		06-JUL-21	R5513188
L2608585-22 C53							
Sampled By: CLIENT on 27-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	27-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.216		0.015	mg/kg	27-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.139		0.050	mg/kg	27-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	23		10	mg/kg	27-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	91.9		70-130	%	27-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	96.3		70-130	%	27-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	98.5		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	22		10	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.139		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	21.6		0.10	%		14-JUL-21	R5522011
L2608585-24 C57							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-24 C57							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	3.82	EMPC	0.050	mg/kg	28-JUN-21	21-JUL-21	R5525872
Toluene	3.18		0.050	mg/kg	28-JUN-21	21-JUL-21	R5525872
Ethyl benzene	18.3	DLHC	0.15	mg/kg	28-JUN-21	21-JUL-21	R5525872
o-Xylene	3.83		0.050	mg/kg	28-JUN-21	21-JUL-21	R5525872
m+p-Xylenes	18.2	DLHC	0.50	mg/kg	28-JUN-21	21-JUL-21	R5525872
F1 (C6-C10)	680	DLHC	100	mg/kg	28-JUN-21	21-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	124.7		70-130	%	28-JUN-21	21-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	96.5		70-130	%	28-JUN-21	21-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	725		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	108.7		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	630		100	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	1400		130	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	22.0		0.50	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	20.0		0.10	%		14-JUL-21	R5522011
L2608585-25 C61							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	0.090	EMPC	0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Toluene	0.702		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Ethyl benzene	4.31		0.015	mg/kg	28-JUN-21	15-JUL-21	R5525872
o-Xylene	1.69		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	10.9		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	630	DLHC	100	mg/kg	28-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	125.3		70-130	%	28-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	102.7		70-130	%	28-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	419		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	118.3		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	610		100	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	1050		130	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	12.6		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	20.8		0.10	%		14-JUL-21	R5522011
L2608585-26 C75							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-26 C75							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	2.14	EMPC	0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Toluene	0.968		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Ethyl benzene	7.49		0.015	mg/kg	28-JUN-21	15-JUL-21	R5525872
o-Xylene	2.87		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	31.5	DLHC	0.50	mg/kg	28-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	580	DLHC	100	mg/kg	28-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	109.1		70-130	%	28-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	102.1		70-130	%	28-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	283		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	116.1		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	540		100	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	910		130	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	34.3		0.50	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	19.1		0.10	%		14-JUL-21	R5522011
L2608585-27 C77							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.050	DLM	0.050	mg/kg	28-JUN-21	21-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	28-JUN-21	21-JUL-21	R5525872
Ethyl benzene	2.25		0.015	mg/kg	28-JUN-21	21-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	28-JUN-21	21-JUL-21	R5525872
m+p-Xylenes	0.976		0.050	mg/kg	28-JUN-21	21-JUL-21	R5525872
F1 (C6-C10)	520	DLHC	100	mg/kg	28-JUN-21	21-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	99.96		70-130	%	28-JUN-21	21-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	117.9		70-130	%	28-JUN-21	21-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	102		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	106.6		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	520		100	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	630		130	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.976		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	20.2		0.10	%		14-JUL-21	R5522011
L2608585-28 C80							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-28 C80							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	28-JUN-21	08-JUL-21	R5515819
Toluene	0.126		0.050	mg/kg	28-JUN-21	08-JUL-21	R5515819
Ethyl benzene	1.10		0.015	mg/kg	28-JUN-21	08-JUL-21	R5515819
o-Xylene	1.39		0.050	mg/kg	28-JUN-21	08-JUL-21	R5515819
m+p-Xylenes	5.18		0.050	mg/kg	28-JUN-21	08-JUL-21	R5515819
F1 (C6-C10)	56		10	mg/kg	28-JUN-21	08-JUL-21	R5515819
Surrogate: 4-Bromofluorobenzene (SS)	107.8		70-130	%	28-JUN-21	08-JUL-21	R5515819
Surrogate: 3,4-Dichlorotoluene (SS)	83.3		70-130	%	28-JUN-21	08-JUL-21	R5515819
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	65		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	99.1		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	48		10	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	121		76	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	6.57		0.071	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	17.2		0.10	%		06-JUL-21	R5513188
L2608585-29 C83							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Ethyl benzene	2.16		0.015	mg/kg	28-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.093		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	179		10	mg/kg	28-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	105.8		70-130	%	28-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	122.1		70-130	%	28-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	40		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	94.9		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	177		10	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	219		76	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.093		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	21.2		0.10	%		14-JUL-21	R5522011
L2608585-30 C85							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-30 C85							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.323		0.015	mg/kg	28-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.182		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	34		10	mg/kg	28-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	106.7		70-130	%	28-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	97.5		70-130	%	28-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	107.3		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	33		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.182		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	21.8		0.10	%		14-JUL-21	R5522011
L2608585-31 C86							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.328		0.015	mg/kg	28-JUN-21	15-JUL-21	R5525872
o-Xylene	<0.050		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.183		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	30		10	mg/kg	28-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	87.6		70-130	%	28-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	91.8		70-130	%	28-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	106.2		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	30		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.183		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	21.3		0.10	%		14-JUL-21	R5522011
L2608585-32 C87							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-32 C87							
Sampled By: CLIENT on 28-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.050	DLM	0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Toluene	<0.050		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.165		0.015	mg/kg	28-JUN-21	15-JUL-21	R5525872
o-Xylene	0.073		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	0.416		0.050	mg/kg	28-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	390	DLHC	100	mg/kg	28-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	82.8		70-130	%	28-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	79.6		70-130	%	28-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	75		25	mg/kg	15-JUL-21	15-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	15-JUL-21	15-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	131.7		60-140	%	15-JUL-21	15-JUL-21	R5523197
Chrom. to baseline at nC50	YES				15-JUL-21	15-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	390		100	mg/kg		22-JUL-21	
Total Hydrocarbons (C6-C50)	460		130	mg/kg		22-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.489		0.071	mg/kg		22-JUL-21	
Miscellaneous Parameters							
Moisture	17.5		0.10	%		14-JUL-21	R5522011
L2608585-33 C89							
Sampled By: CLIENT on 29-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	29-JUN-21	15-JUL-21	R5525872
Toluene	0.249		0.050	mg/kg	29-JUN-21	15-JUL-21	R5525872
Ethyl benzene	0.538		0.015	mg/kg	29-JUN-21	15-JUL-21	R5525872
o-Xylene	0.413		0.050	mg/kg	29-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	3.42		0.050	mg/kg	29-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	29		10	mg/kg	29-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	116.3		70-130	%	29-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	84.8		70-130	%	29-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	16-JUL-21	16-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	16-JUL-21	16-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	16-JUL-21	16-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	84.1		60-140	%	16-JUL-21	16-JUL-21	R5523197
Chrom. to baseline at nC50	YES				16-JUL-21	16-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	24		10	mg/kg		20-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		20-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	3.84		0.071	mg/kg		20-JUL-21	
Miscellaneous Parameters							
Moisture	19.3		0.10	%		14-JUL-21	R5522011
L2608585-34 C93							
Sampled By: CLIENT on 29-JUN-21							
Matrix: SOIL							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2608585-34 C93							
Sampled By: CLIENT on 29-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	0.0436	EMPC	0.0050	mg/kg	29-JUN-21	15-JUL-21	R5525872
Toluene	0.652		0.050	mg/kg	29-JUN-21	15-JUL-21	R5525872
Ethyl benzene	2.02		0.015	mg/kg	29-JUN-21	15-JUL-21	R5525872
o-Xylene	1.59		0.050	mg/kg	29-JUN-21	15-JUL-21	R5525872
m+p-Xylenes	3.63		0.050	mg/kg	29-JUN-21	15-JUL-21	R5525872
F1 (C6-C10)	81		10	mg/kg	29-JUN-21	15-JUL-21	R5525872
Surrogate: 4-Bromofluorobenzene (SS)	99.5		70-130	%	29-JUN-21	15-JUL-21	R5525872
Surrogate: 3,4-Dichlorotoluene (SS)	100.7		70-130	%	29-JUN-21	15-JUL-21	R5525872
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	50		25	mg/kg	16-JUL-21	16-JUL-21	R5523197
F3 (C16-C34)	<50		50	mg/kg	16-JUL-21	16-JUL-21	R5523197
F4 (C34-C50)	<50		50	mg/kg	16-JUL-21	16-JUL-21	R5523197
Surrogate: 2-Bromobenzotrifluoride	85.3		60-140	%	16-JUL-21	16-JUL-21	R5523197
Chrom. to baseline at nC50	YES				16-JUL-21	16-JUL-21	R5523197
CCME Total Hydrocarbons							
F1-BTEX	73		10	mg/kg		21-JUL-21	
Total Hydrocarbons (C6-C50)	131		76	mg/kg		21-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	5.22		0.071	mg/kg		21-JUL-21	
Miscellaneous Parameters							
Moisture	20.3		0.10	%		14-JUL-21	R5522011
L2608585-35 C7							
Sampled By: CLIENT on 25-JUN-21							
Matrix: SOIL							
BTEX and F1-F4 by Tumbler Method							
BTX plus F1 by GCMS							
Benzene	<0.0050		0.0050	mg/kg	25-JUN-21	08-JUL-21	R5515819
Toluene	<0.050		0.050	mg/kg	25-JUN-21	08-JUL-21	R5515819
Ethyl benzene	0.240		0.015	mg/kg	25-JUN-21	08-JUL-21	R5515819
o-Xylene	<0.050		0.050	mg/kg	25-JUN-21	08-JUL-21	R5515819
m+p-Xylenes	0.073		0.050	mg/kg	25-JUN-21	08-JUL-21	R5515819
F1 (C6-C10)	15		10	mg/kg	25-JUN-21	08-JUL-21	R5515819
Surrogate: 4-Bromofluorobenzene (SS)	108.7		70-130	%	25-JUN-21	08-JUL-21	R5515819
Surrogate: 3,4-Dichlorotoluene (SS)	80.5		70-130	%	25-JUN-21	08-JUL-21	R5515819
CCME Total Extractable Hydrocarbons							
F2 (C10-C16)	<25		25	mg/kg	07-JUL-21	08-JUL-21	R5516301
F3 (C16-C34)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
F4 (C34-C50)	<50		50	mg/kg	07-JUL-21	08-JUL-21	R5516301
Surrogate: 2-Bromobenzotrifluoride	98.7		60-140	%	07-JUL-21	08-JUL-21	R5516301
Chrom. to baseline at nC50	YES				07-JUL-21	08-JUL-21	R5516301
CCME Total Hydrocarbons							
F1-BTEX	14		10	mg/kg		09-JUL-21	
Total Hydrocarbons (C6-C50)	<76		76	mg/kg		09-JUL-21	
Sum of Xylene Isomer Concentrations							
Xylenes (Total)	0.073		0.071	mg/kg		08-JUL-21	
Miscellaneous Parameters							
Moisture	21.9		0.10	%		06-JUL-21	R5513188

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier Key:

Qualifier	Description
DLHC	Detection Limit Raised: Dilution required due to high concentration of test analyte(s).
DLM	Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).
DUP-H	Duplicate results outside ALS DQO, due to sample heterogeneity.
EMPC	Estimated Maximum Possible Concentration. Parameter detected but didn't meet all criteria for positive identification.
SHMI	Surrogate recovery was outside ALS DQO (High) due to Matrix Interference.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BTEXS+F1-HSMS-WP	Soil	BTX plus F1 by GCMS	EPA 8260C

The soil methanol extract is added to water and reagents, then heated in a sealed vial to equilibrium. The headspace from the vial is transferred into a gas chromatograph. Target compound concentrations are measured using mass spectrometry detection.

F1-F4-CALC-WP	Soil	CCME Total Hydrocarbons	CCME CWS-PHC, Pub #1310, Dec 2001-S

Analytical methods used for analysis of CCME Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.

In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.

In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.

Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:
1. All extraction and analysis holding times were met.
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.
3. Linearity of gasoline response within 15% throughout the calibration range.

Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:
1. All extraction and analysis holding times were met.
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.

F2-F4-TMB-FID-WP	Soil	CCME Total Extractable Hydrocarbons	CCME CWS-PHC, Pub #1310, Dec 2001

A soil or sediment sample is extracted with 1:1 hexane/acetone in a tumbler, followed by a silica gel clean up to facilitate separation of the hydrocarbons from other polar extractions. An aliquot of the solvent is analyzed using a gas chromatograph equipped with a flame -ionization detector.

MOISTURE-WP	Soil	% Moisture	CCME PHC in Soil - Tier 1 (mod)

Moisture content in solid matrices is determined gravimetrically after drying to constant weight at 105°C.

XYLENES-SUM-CALC-WP	Soil	Sum of Xylene Isomer Concentrations	CALCULATED RESULT

Total xylenes represents the sum of o-xylene and m&p-xylene.

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WP	ALS ENVIRONMENTAL - WINNIPEG, MANITOBA, CANADA

Chain of Custody Numbers:

Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.
mg/kg - milligrams per kilogram based on dry weight of sample
mg/kg wwt - milligrams per kilogram based on wet weight of sample
mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight
mg/L - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

Quality Control Report

Workorder: L2608585 Report Date: 22-JUL-21

Client: Talon Projects (Atikokan)
Box 1720
Atikokan ON P0T 1C0
Contact: WAYNE PITURA

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTEXS+F1-HSMS-WP	**Soil**							
Batch R5514105								
WG3568825-2 LCS								
Benzene			71.2		%		70-130	05-JUL-21
Toluene			71.5		%		70-130	05-JUL-21
Ethyl benzene			74.4		%		70-130	05-JUL-21
o-Xylene			76.1		%		70-130	05-JUL-21
m+p-Xylenes			76.9		%		70-130	05-JUL-21
WG3568825-3 LCS								
F1 (C6-C10)			97.7		%		70-130	05-JUL-21
WG3568825-1 MB								
Benzene			<0.0050		mg/kg		0.005	05-JUL-21
Toluene			<0.050		mg/kg		0.05	05-JUL-21
Ethyl benzene			<0.015		mg/kg		0.015	05-JUL-21
o-Xylene			<0.050		mg/kg		0.05	05-JUL-21
m+p-Xylenes			<0.050		mg/kg		0.05	05-JUL-21
F1 (C6-C10)			<10		mg/kg		10	05-JUL-21
Surrogate: 4-Bromofluorobenzene (SS)			88.5		%		70-130	05-JUL-21
Surrogate: 3,4-Dichlorotoluene (SS)			108.4		%		70-130	05-JUL-21
Batch R5515819								
WG3569210-4 DUP		**L2608585-21**						
Benzene		5.85	5.85		mg/kg	0.0	50	06-JUL-21
Toluene		65.2	62.0		mg/kg	4.9	50	06-JUL-21
Ethyl benzene		32.0	31.6		mg/kg	1.4	50	06-JUL-21
o-Xylene		42.3	39.8		mg/kg	6.2	50	06-JUL-21
m+p-Xylenes		127	121		mg/kg	4.8	50	06-JUL-21
F1 (C6-C10)		2000	1800		mg/kg	7.7	50	06-JUL-21
WG3569210-2 LCS								
Benzene			83.8		%		70-130	06-JUL-21
Toluene			87.6		%		70-130	06-JUL-21
Ethyl benzene			92.5		%		70-130	06-JUL-21
o-Xylene			92.9		%		70-130	06-JUL-21
m+p-Xylenes			93.0		%		70-130	06-JUL-21
WG3569210-3 LCS								
F1 (C6-C10)			81.3		%		70-130	06-JUL-21
WG3569210-1 MB								
Benzene			<0.0050		mg/kg		0.005	06-JUL-21
Toluene			<0.050		mg/kg		0.05	06-JUL-21

Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTEXS+F1-HSMS-WP	**Soil**							
Batch R5515819								
WG3569210-1 MB								
Ethyl benzene			<0.015		mg/kg		0.015	06-JUL-21
o-Xylene			<0.050		mg/kg		0.05	06-JUL-21
m+p-Xylenes			<0.050		mg/kg		0.05	06-JUL-21
F1 (C6-C10)			<10		mg/kg		10	06-JUL-21
Surrogate: 4-Bromofluorobenzene (SS)			85.7		%		70-130	06-JUL-21
Surrogate: 3,4-Dichlorotoluene (SS)			114.0		%		70-130	06-JUL-21
Batch R5525872								
WG3575358-4 DUP		**L2608585-2**						
Benzene		0.0086	0.0093		mg/kg	8.2	50	15-JUL-21
Toluene		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	15-JUL-21
Ethyl benzene		1.46	1.47		mg/kg	0.9	50	15-JUL-21
o-Xylene		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	15-JUL-21
m+p-Xylenes		0.680	0.705		mg/kg	3.5	50	15-JUL-21
F1 (C6-C10)		166	148		mg/kg	12	50	15-JUL-21
WG3575358-8 DUP		**L2608585-33**						
Benzene		<0.0050	<0.0050	RPD-NA	mg/kg	N/A	50	15-JUL-21
Toluene		0.249	0.226		mg/kg	9.8	50	15-JUL-21
Ethyl benzene		0.538	0.490		mg/kg	9.5	50	15-JUL-21
o-Xylene		0.413	0.390		mg/kg	5.8	50	15-JUL-21
m+p-Xylenes		3.42	3.22		mg/kg	6.2	50	15-JUL-21
F1 (C6-C10)		29	33		mg/kg	14	50	15-JUL-21
WG3575358-2 LCS								
Benzene			76.4		%		70-130	15-JUL-21
Toluene			76.7		%		70-130	15-JUL-21
Ethyl benzene			81.0		%		70-130	15-JUL-21
o-Xylene			79.4		%		70-130	15-JUL-21
m+p-Xylenes			81.7		%		70-130	15-JUL-21
WG3575358-3 LCS								
F1 (C6-C10)			107.2		%		70-130	15-JUL-21
WG3575358-6 LCS								
Benzene			75.2		%		70-130	14-JUL-21
Toluene			77.6		%		70-130	14-JUL-21
Ethyl benzene			81.3		%		70-130	14-JUL-21
o-Xylene			81.5		%		70-130	14-JUL-21
m+p-Xylenes			83.2		%		70-130	14-JUL-21

Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTEXS+F1-HSMS-WP	**Soil**							
Batch R5525872								
WG3575358-7 LCS								
F1 (C6-C10)			76.0		%		70-130	14-JUL-21
WG3575358-1 MB								
Benzene			<0.0050		mg/kg		0.005	15-JUL-21
Toluene			<0.050		mg/kg		0.05	15-JUL-21
Ethyl benzene			<0.015		mg/kg		0.015	15-JUL-21
o-Xylene			<0.050		mg/kg		0.05	15-JUL-21
m+p-Xylenes			<0.050		mg/kg		0.05	15-JUL-21
F1 (C6-C10)			<10		mg/kg		10	15-JUL-21
Surrogate: 4-Bromofluorobenzene (SS)			79.8		%		70-130	15-JUL-21
Surrogate: 3,4-Dichlorotoluene (SS)			101.5		%		70-130	15-JUL-21
WG3575358-5 MB								
Benzene			<0.0050		mg/kg		0.005	14-JUL-21
Toluene			<0.050		mg/kg		0.05	14-JUL-21
Ethyl benzene			<0.015		mg/kg		0.015	14-JUL-21
o-Xylene			<0.050		mg/kg		0.05	14-JUL-21
m+p-Xylenes			<0.050		mg/kg		0.05	14-JUL-21
F1 (C6-C10)			<10		mg/kg		10	14-JUL-21
Surrogate: 4-Bromofluorobenzene (SS)			84.6		%		70-130	14-JUL-21
Surrogate: 3,4-Dichlorotoluene (SS)			89.3		%		70-130	14-JUL-21
F2-F4-TMB-FID-WP	**Soil**							
Batch R5516301								
WG3570989-4 DUP		**L2608585-1**						
F2 (C10-C16)		267	265		mg/kg	0.9	40	08-JUL-21
F3 (C16-C34)		51	<50	RPD-NA	mg/kg	N/A	40	08-JUL-21
F4 (C34-C50)		<50	<50	RPD-NA	mg/kg	N/A	40	08-JUL-21
WG3570989-3 IRM		**ALS PHC RM3**						
F2 (C10-C16)			110.6		%		70-130	08-JUL-21
F3 (C16-C34)			94.4		%		70-130	08-JUL-21
F4 (C34-C50)			91.1		%		70-130	08-JUL-21
WG3570989-2 LCS								
F2 (C10-C16)			111.9		%		70-130	08-JUL-21
F3 (C16-C34)			111.4		%		70-130	08-JUL-21
F4 (C34-C50)			119.6		%		70-130	08-JUL-21
WG3570989-1 MB								
F2 (C10-C16)			<25		mg/kg		25	08-JUL-21

Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-TMB-FID-WP	**Soil**							
Batch R5516301								
WG3570989-1 MB								
F3 (C16-C34)			<50		mg/kg		50	08-JUL-21
F4 (C34-C50)			<50		mg/kg		50	08-JUL-21
Surrogate: 2-Bromobenzotrifluoride			109.7		%		60-140	08-JUL-21
Batch R5523197								
WG3576789-4 DUP		**L2608585-2**						
F2 (C10-C16)		32	29		mg/kg	10	40	15-JUL-21
F3 (C16-C34)		<50	<50	RPD-NA	mg/kg	N/A	40	15-JUL-21
F4 (C34-C50)		<50	<50	RPD-NA	mg/kg	N/A	40	15-JUL-21
WG3576789-3 IRM		**ALS PHC RM3**						
F2 (C10-C16)			89.2		%		70-130	15-JUL-21
F3 (C16-C34)			71.5		%		70-130	15-JUL-21
F4 (C34-C50)			91.8		%		70-130	15-JUL-21
WG3576789-7 IRM		**ALS PHC RM3**						
F2 (C10-C16)			90.7		%		70-130	15-JUL-21
F3 (C16-C34)			72.5		%		70-130	15-JUL-21
F4 (C34-C50)			89.0		%		70-130	15-JUL-21
WG3576789-2 LCS								
F2 (C10-C16)			87.7		%		70-130	15-JUL-21
F3 (C16-C34)			83.0		%		70-130	15-JUL-21
F4 (C34-C50)			96.6		%		70-130	15-JUL-21
WG3576789-6 LCS								
F2 (C10-C16)			88.1		%		70-130	15-JUL-21
F3 (C16-C34)			83.9		%		70-130	15-JUL-21
F4 (C34-C50)			97.7		%		70-130	15-JUL-21
WG3576789-1 MB								
F2 (C10-C16)			<25		mg/kg		25	15-JUL-21
F3 (C16-C34)			<50		mg/kg		50	15-JUL-21
F4 (C34-C50)			<50		mg/kg		50	15-JUL-21
Surrogate: 2-Bromobenzotrifluoride			112.1		%		60-140	15-JUL-21
WG3576789-5 MB								
F2 (C10-C16)			<25		mg/kg		25	15-JUL-21
F3 (C16-C34)			<50		mg/kg		50	15-JUL-21
F4 (C34-C50)			<50		mg/kg		50	15-JUL-21
Surrogate: 2-Bromobenzotrifluoride			107.2		%		60-140	15-JUL-21
MOISTURE-WP	**Soil**							

Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MOISTURE-WP	**Soil**							
Batch R5513188								
WG3569639-5 LCS								
Moisture			101.0		%		90-110	06-JUL-21
WG3569639-4 MB								
Moisture			<0.10		%		0.1	06-JUL-21
Batch R5522011								
WG3575882-3 DUP		**L2608585-27**						
Moisture		20.2	20.9		%	3.6	20	14-JUL-21
WG3575882-2 LCS								
Moisture			100.8		%		90-110	14-JUL-21
WG3575882-5 LCS								
Moisture			100.5		%		90-110	14-JUL-21
WG3575882-1 MB								
Moisture			<0.10		%		0.1	14-JUL-21
WG3575882-4 MB								
Moisture			<0.10		%		0.1	14-JUL-21

Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Sample Parameter Qualifier Definitions:

Qualifier	Description
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

Quality Control Report

Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Hydrocarbons							
CCME Total Extractable Hydrocarbons							
	2	25-JUN-21	15-JUL-21 07:00	14	20	days	EHT
	3	25-JUN-21	15-JUL-21 07:00	14	20	days	EHT
	4	25-JUN-21	15-JUL-21 07:00	14	20	days	EHT
	5	25-JUN-21	15-JUL-21 07:00	14	20	days	EHT
	7	25-JUN-21	15-JUL-21 07:00	14	20	days	EHT
	8	26-JUN-21	15-JUL-21 07:00	14	19	days	EHT
	10	26-JUN-21	15-JUL-21 07:00	14	19	days	EHT
	11	26-JUN-21	15-JUL-21 07:00	14	19	days	EHT
	13	26-JUN-21	15-JUL-21 07:00	14	19	days	EHT
	15	27-JUN-21	15-JUL-21 07:00	14	18	days	EHT
	20	27-JUN-21	15-JUL-21 07:00	14	18	days	EHT
	22	27-JUN-21	15-JUL-21 07:00	14	18	days	EHT
	24	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	25	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	26	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	27	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	29	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	30	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	31	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	32	28-JUN-21	15-JUL-21 07:00	14	17	days	EHT
	33	29-JUN-21	16-JUL-21 07:00	14	17	days	EHT
	34	29-JUN-21	16-JUL-21 07:00	14	17	days	EHT

Legend & Qualifier Definitions:

EHTR-FM:	Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended.
EHTR:	Exceeded ALS recommended hold time prior to sample receipt.
EHTL:	Exceeded ALS recommended hold time prior to analysis. Sample was received less than 24 hours prior to expiry.
EHT:	Exceeded ALS recommended hold time prior to analysis.
Rec. HT:	ALS recommended hold time (see units).

Notes*:
Where actual sampling date is not provided to ALS, the date (& time) of receipt is used for calculation purposes.
Where actual sampling time is not provided to ALS, the earlier of 12 noon on the sampling date or the time (& date) of receipt is used for calculation purposes. Samples for L2608585 were received on 30-JUN-21 15:20.

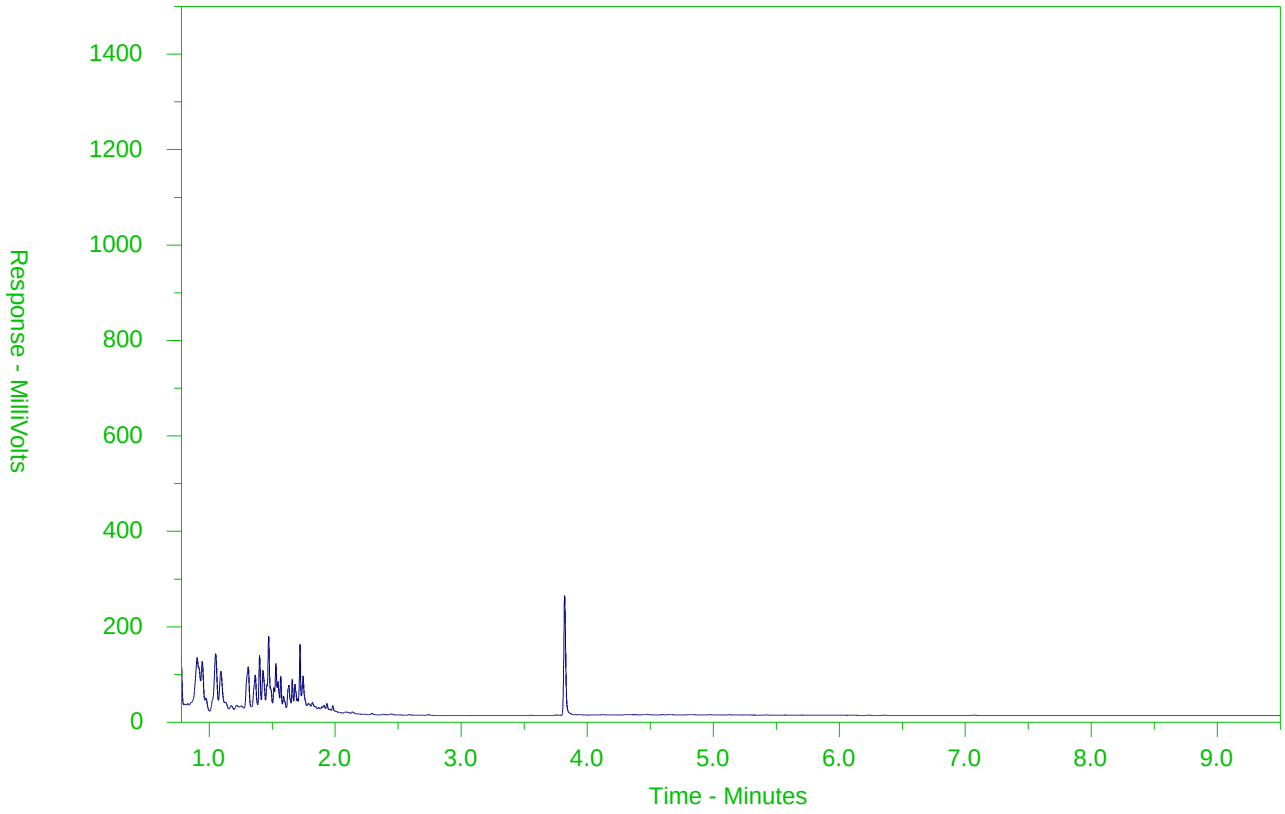
ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

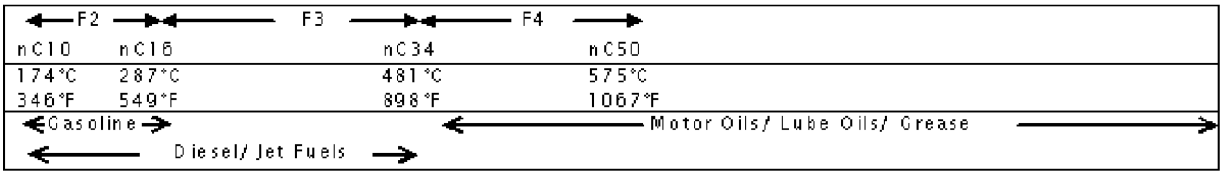
The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-1
Client Sample ID: C2





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

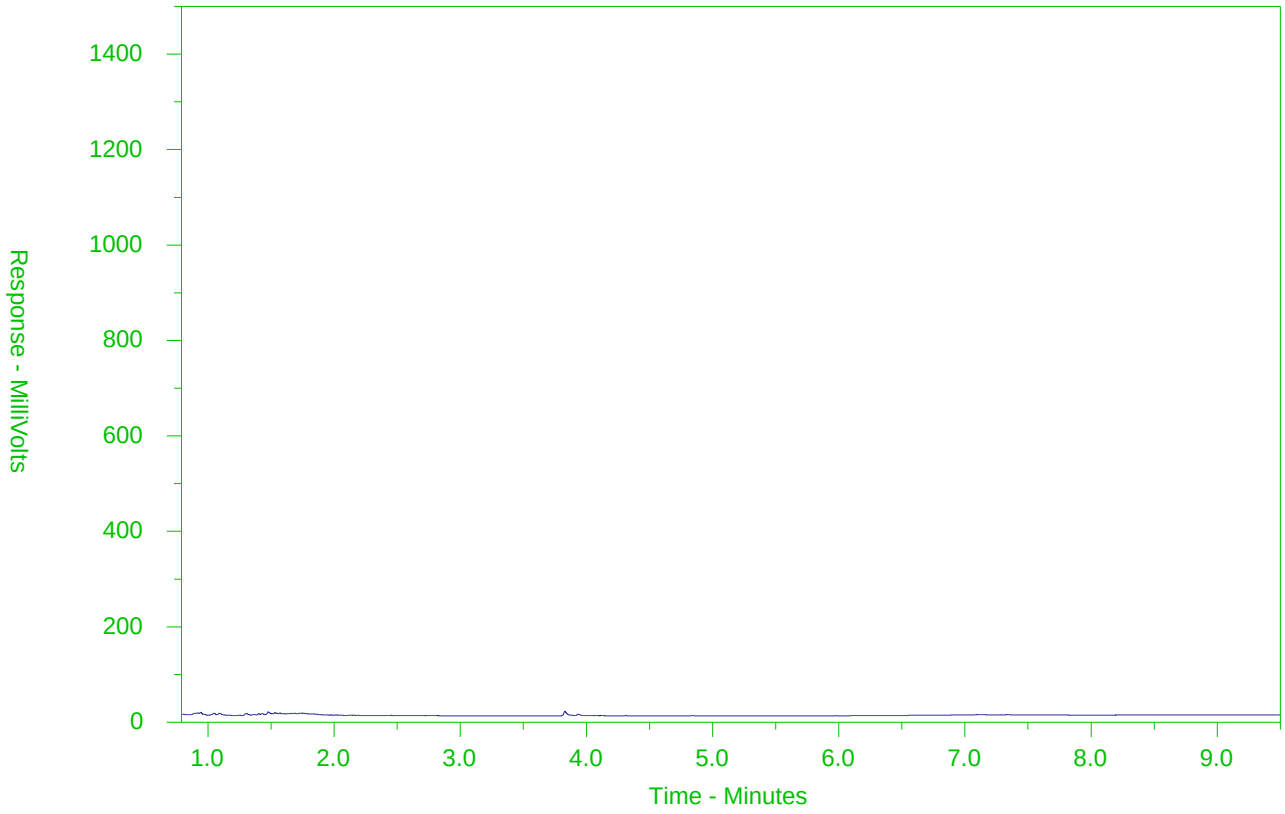
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

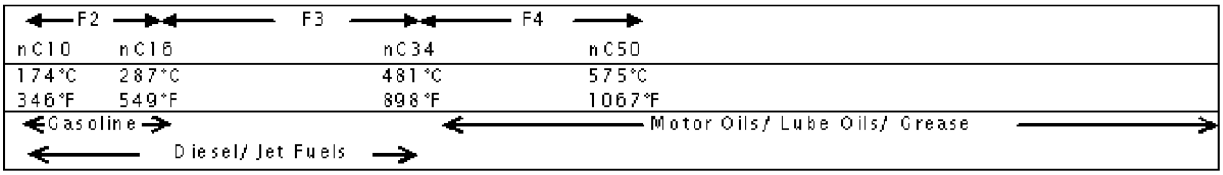
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-2
Client Sample ID: C5





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

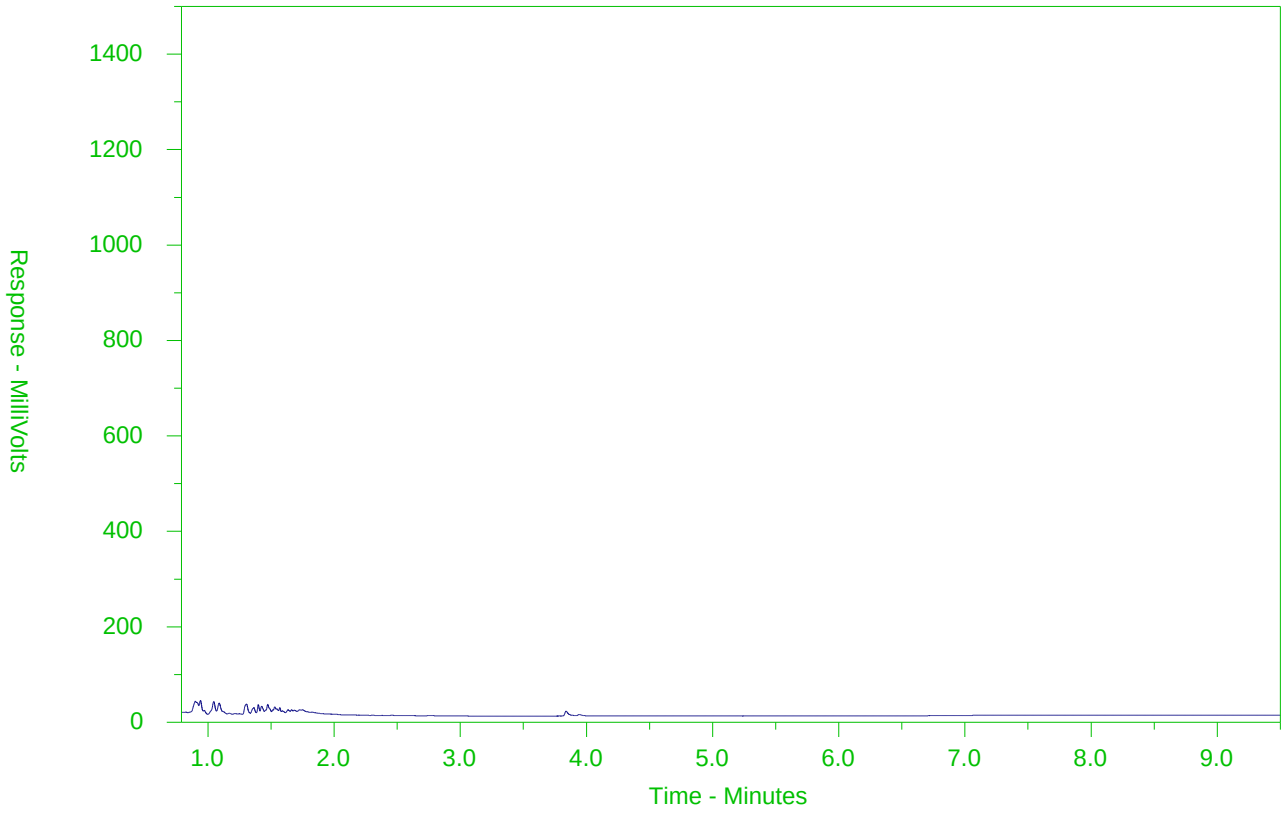
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

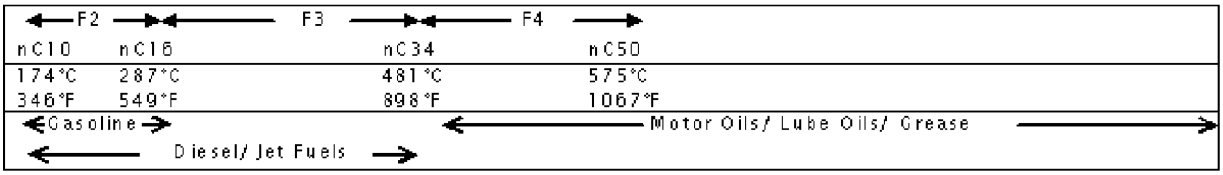
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-3
Client Sample ID: C8





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

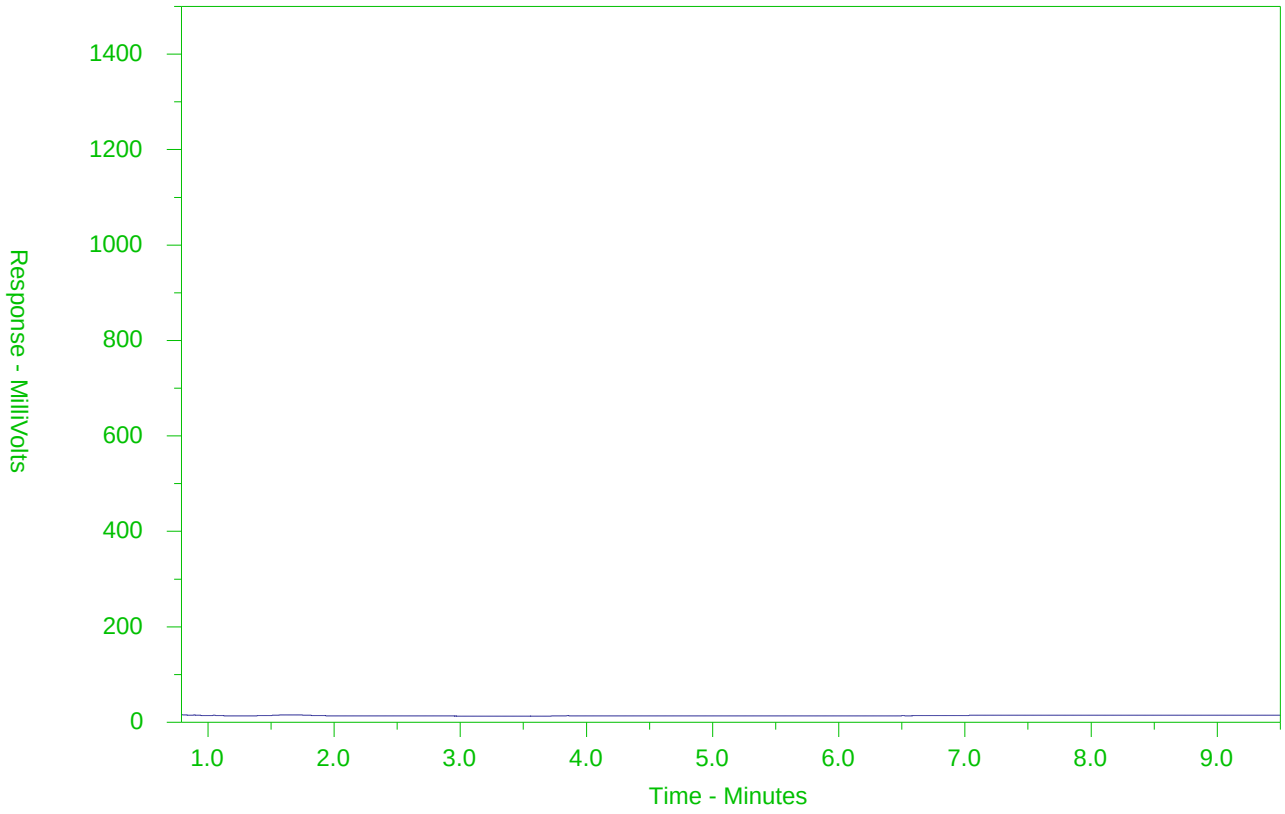
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

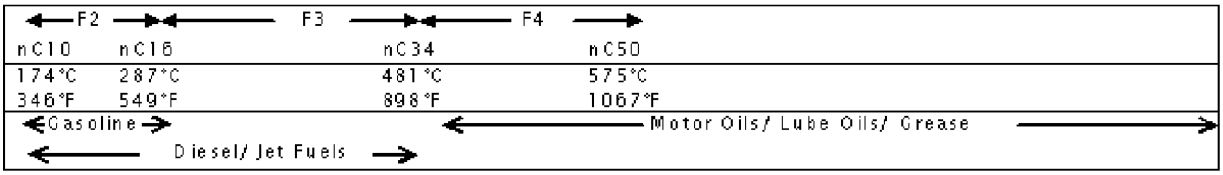
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-4
Client Sample ID: C10





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

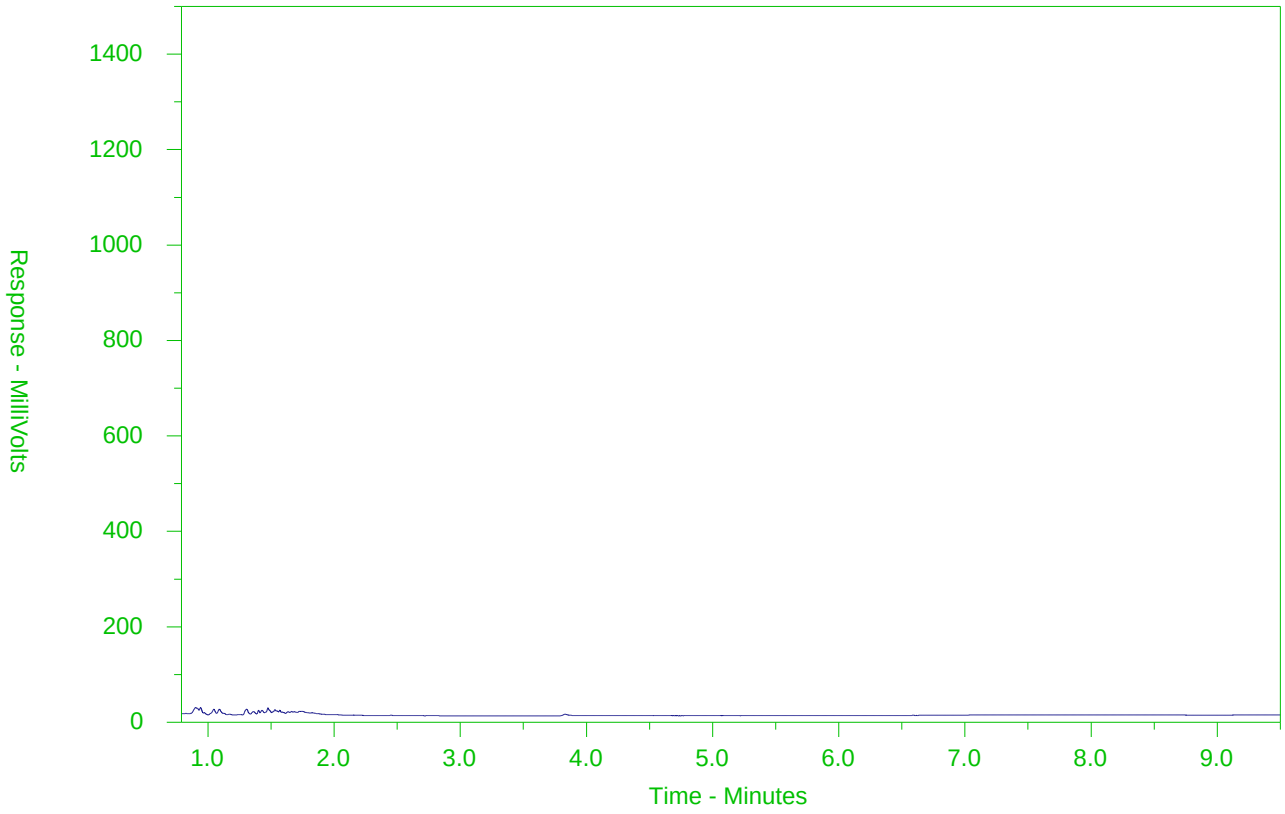
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

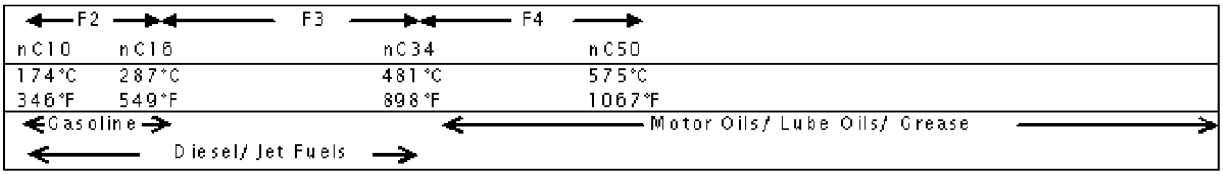
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-5
Client Sample ID: C11





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

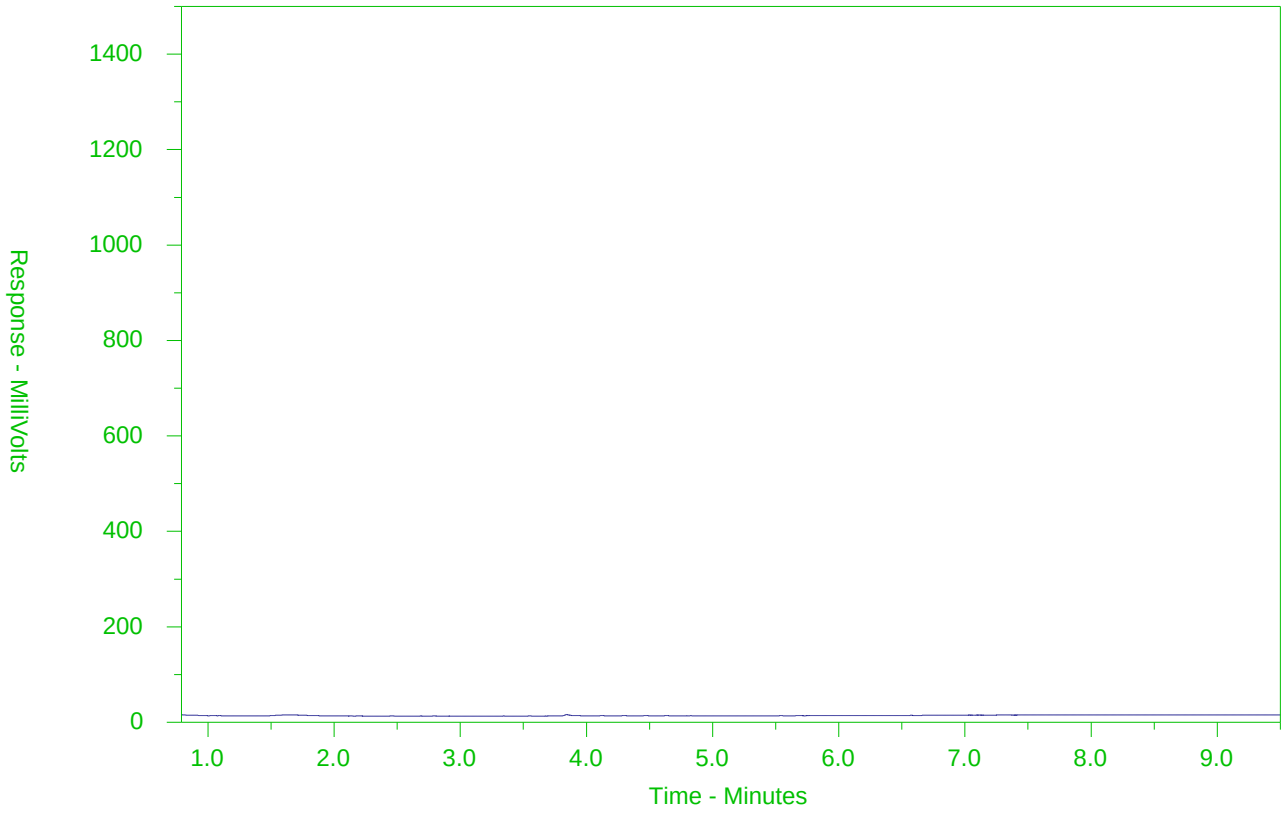
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

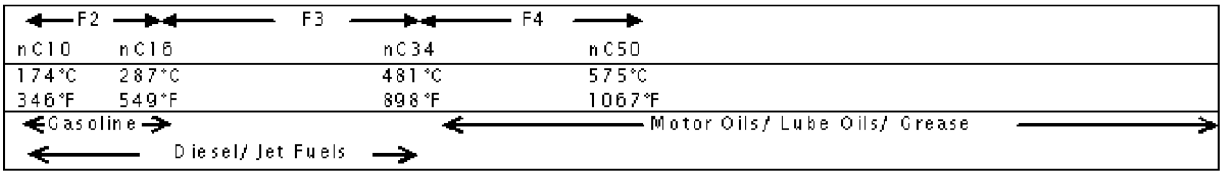
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-7
Client Sample ID: C14





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

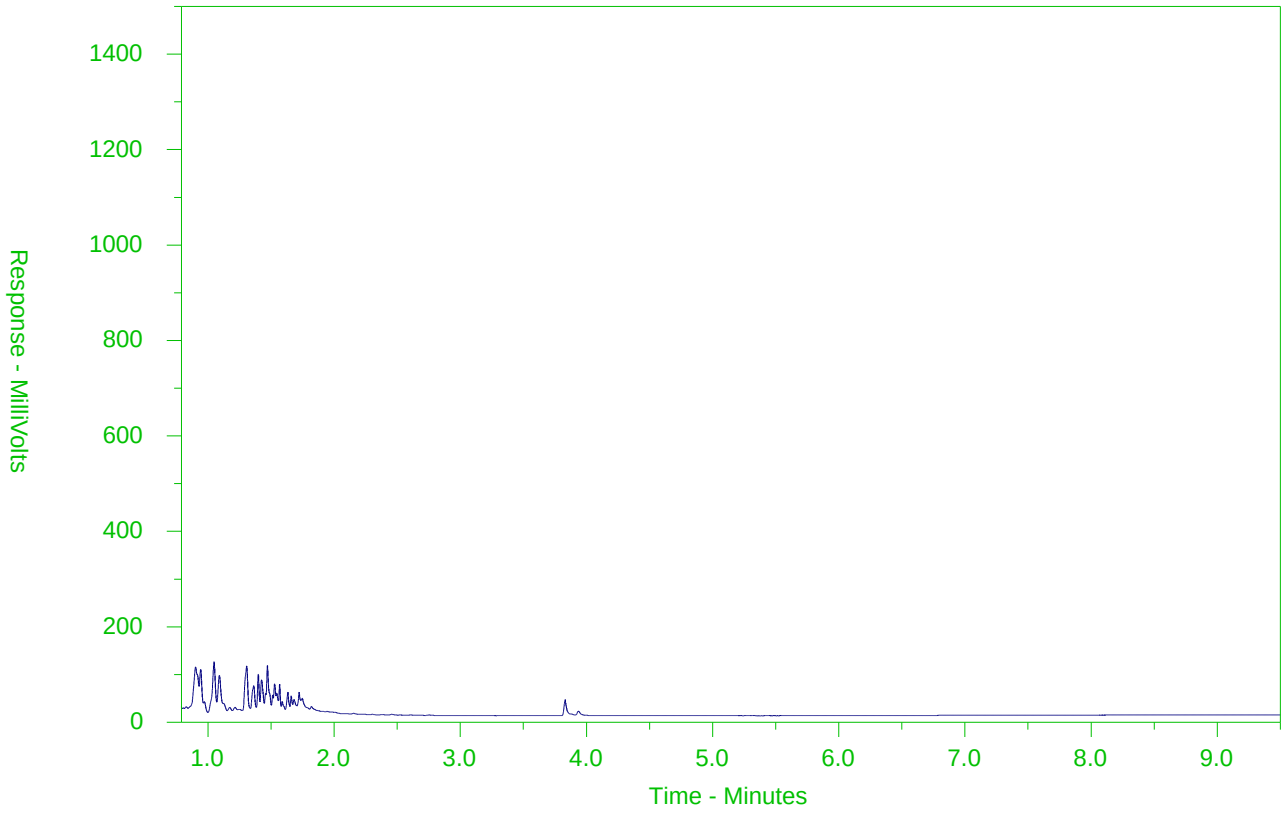
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

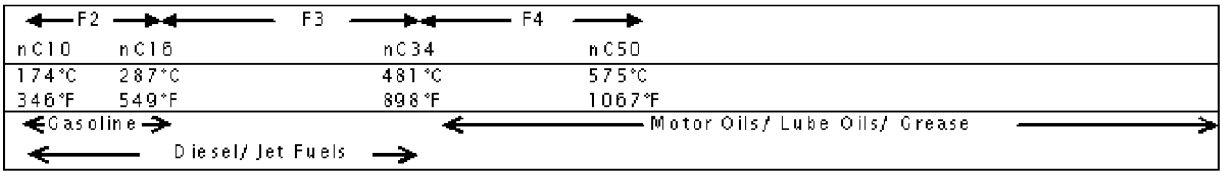
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-8
Client Sample ID: C15





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

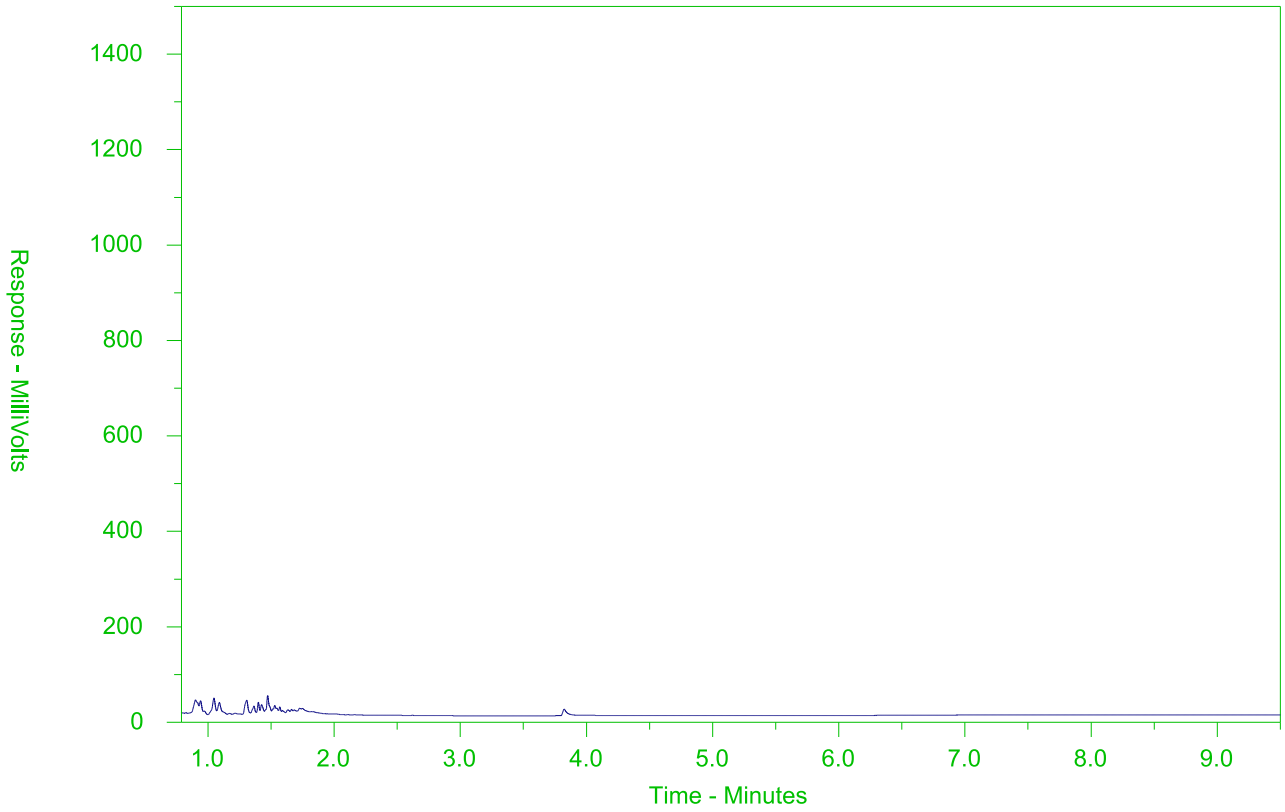
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

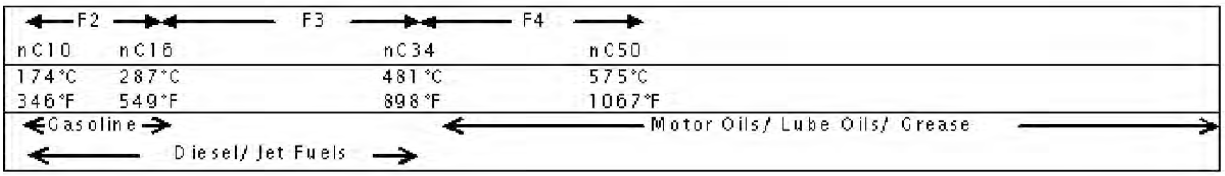
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-10
Client Sample ID: C25





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

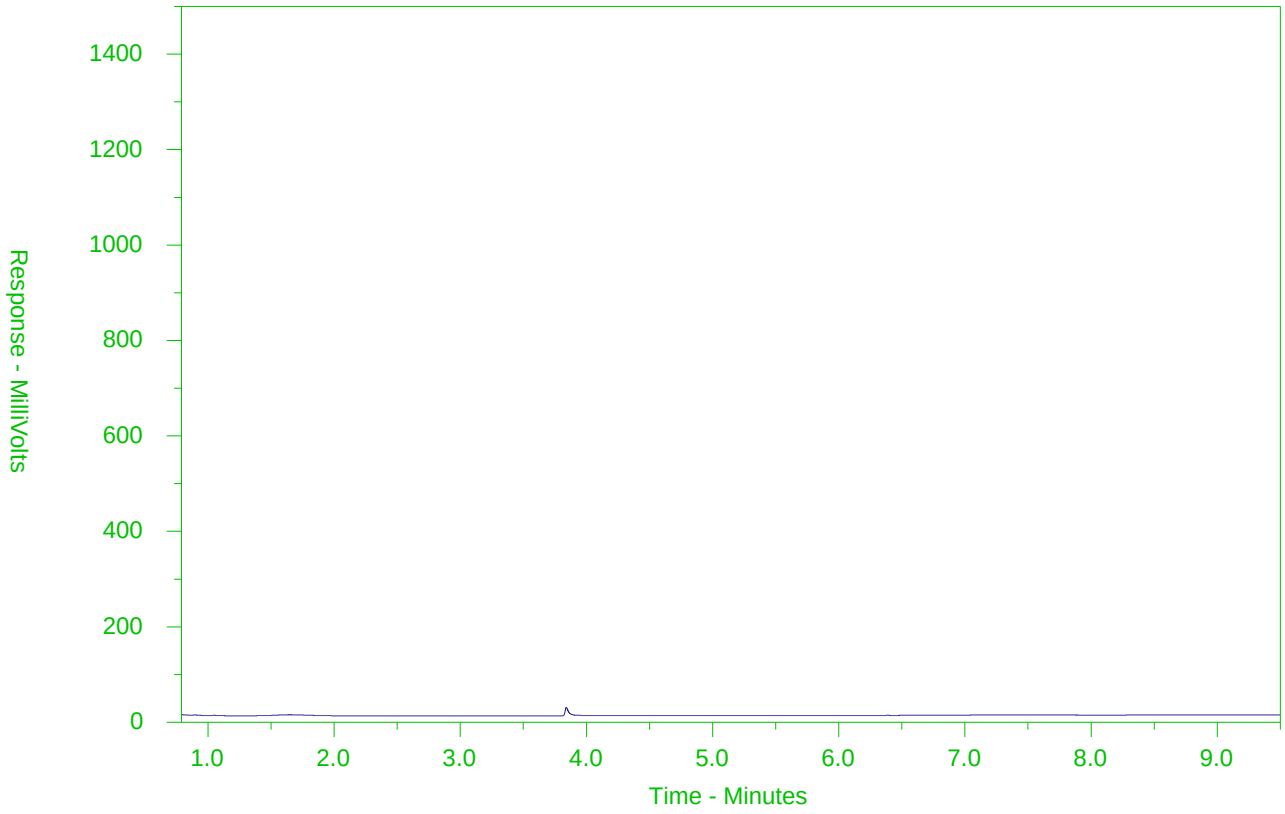
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

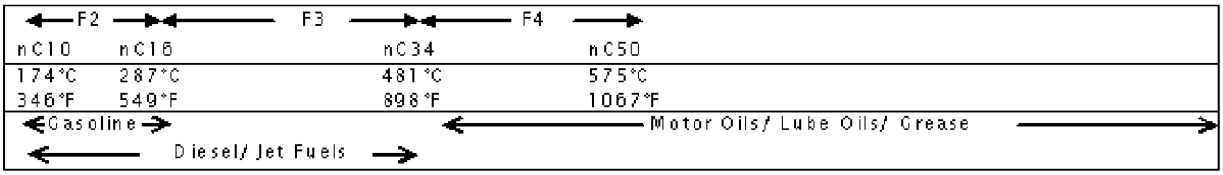
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-11
Client Sample ID: C27





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

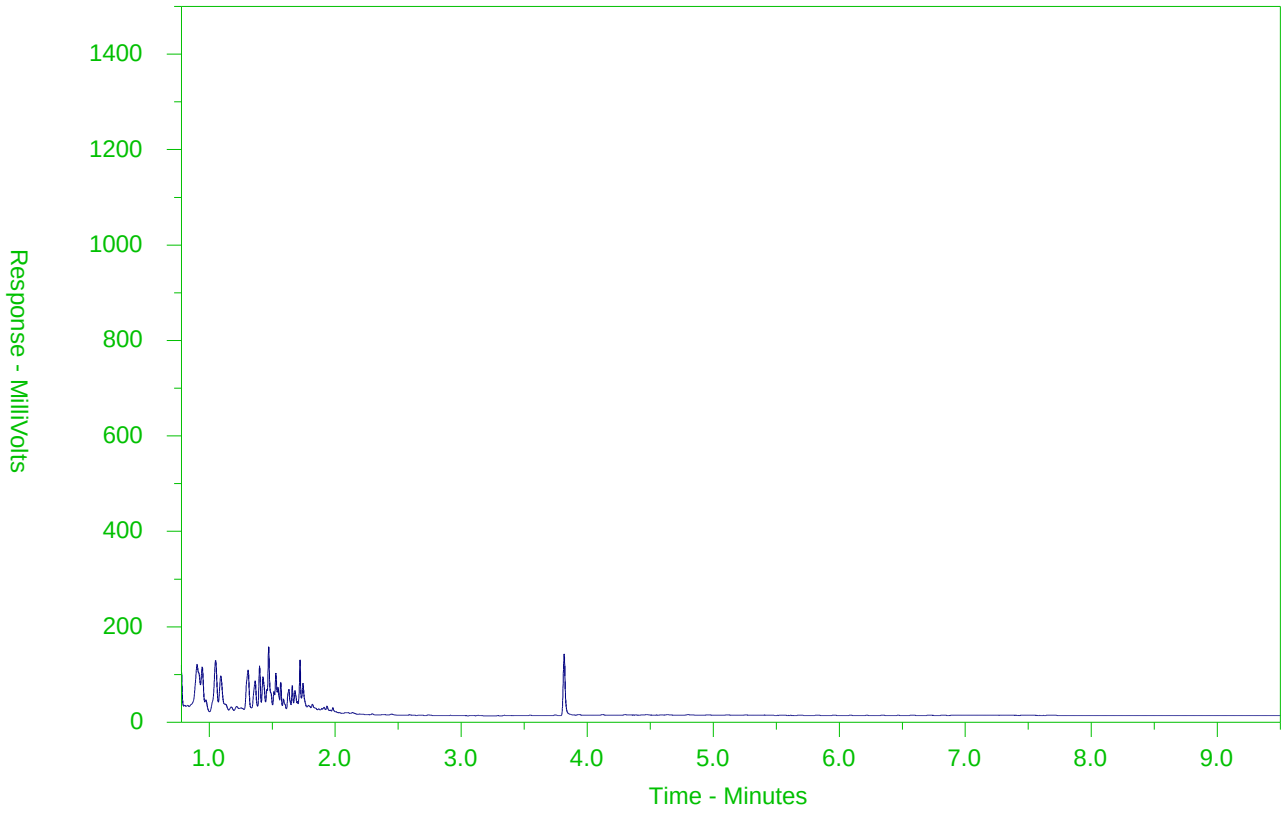
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

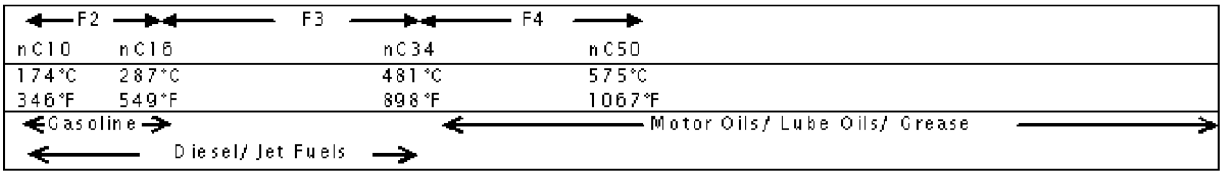
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-12
Client Sample ID: C31





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

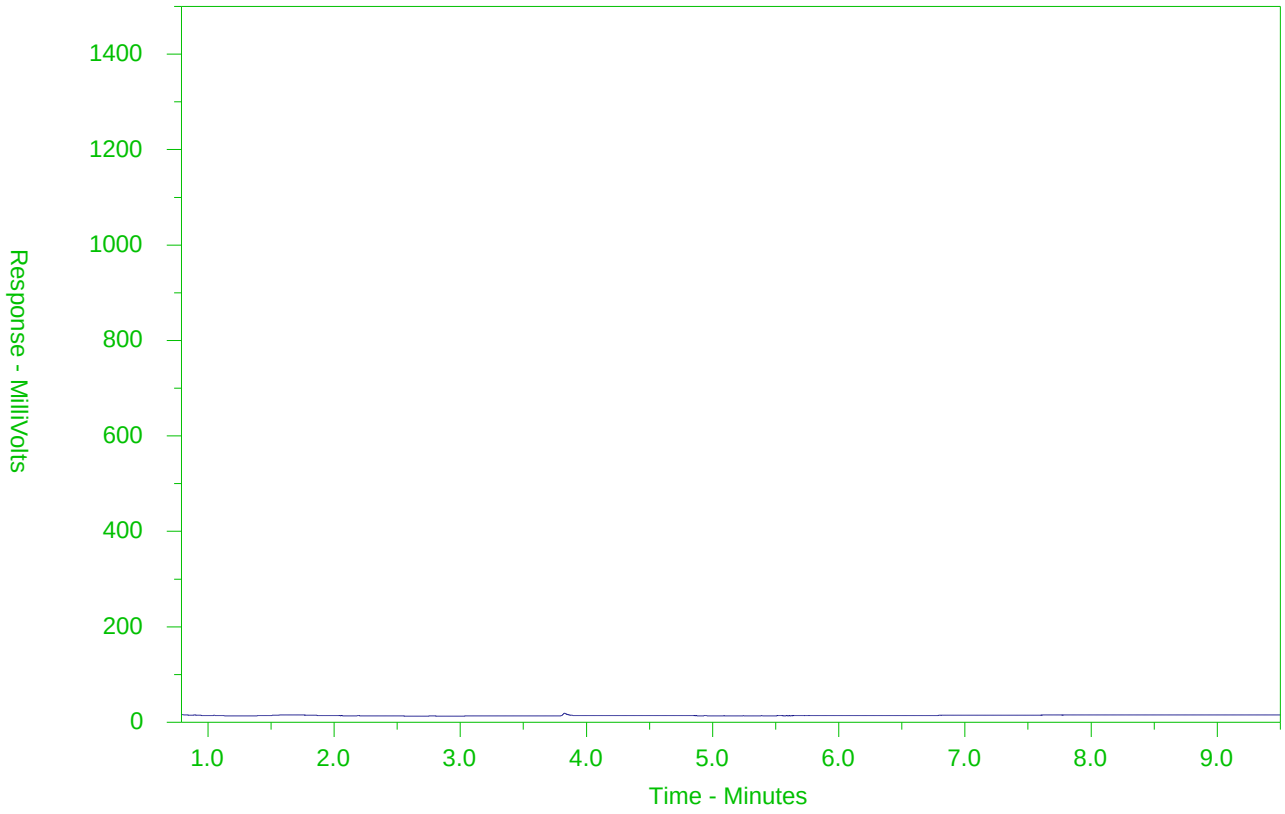
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

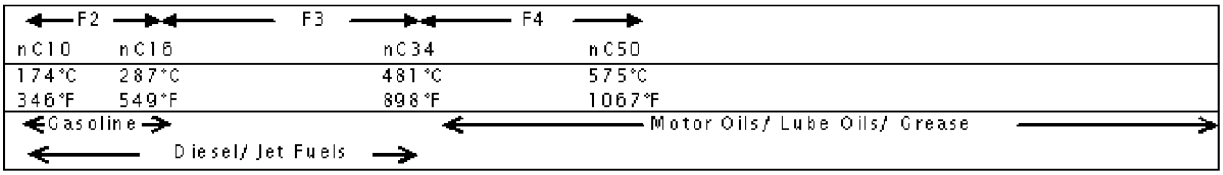
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-13
Client Sample ID: C34





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

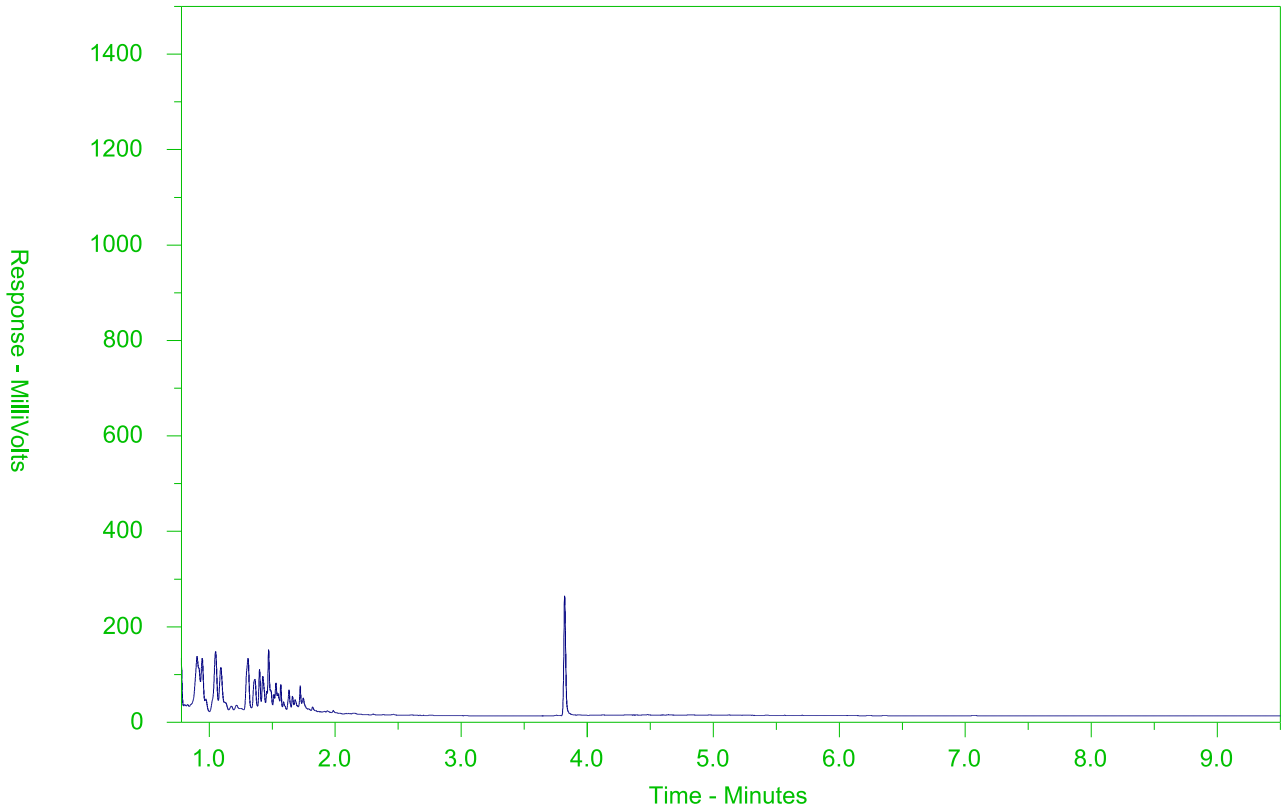
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

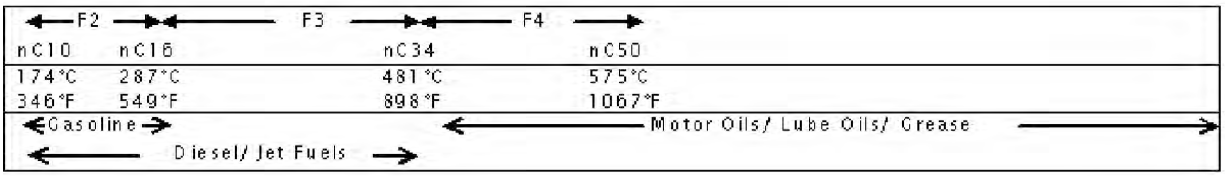
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-14
Client Sample ID: C35





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

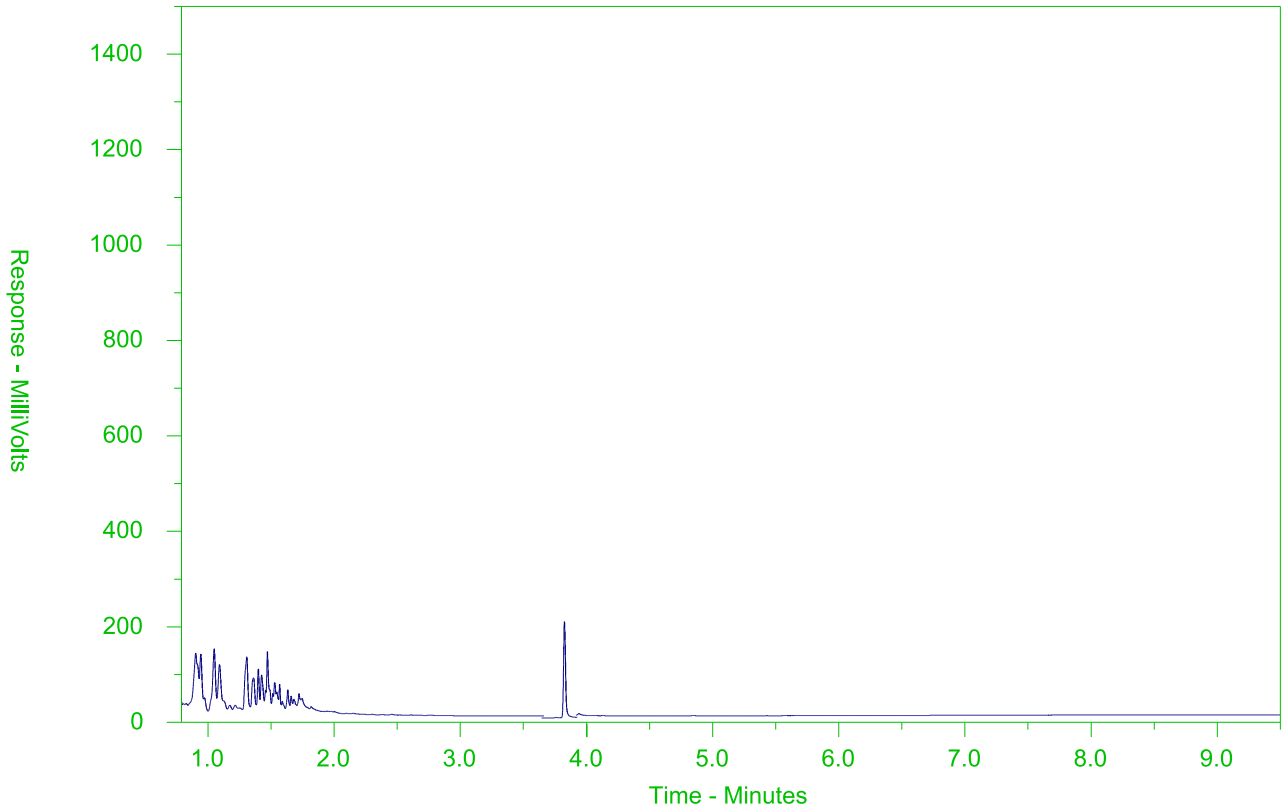
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

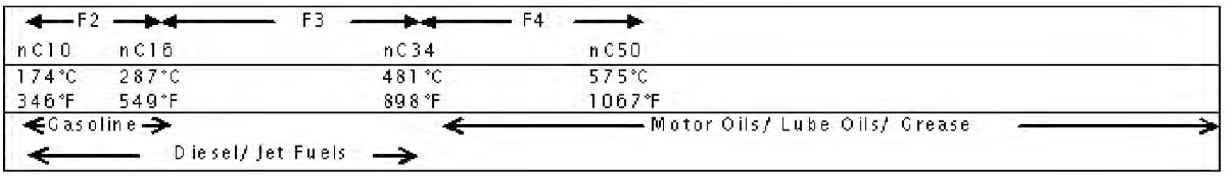
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-15
Client Sample ID: C36





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

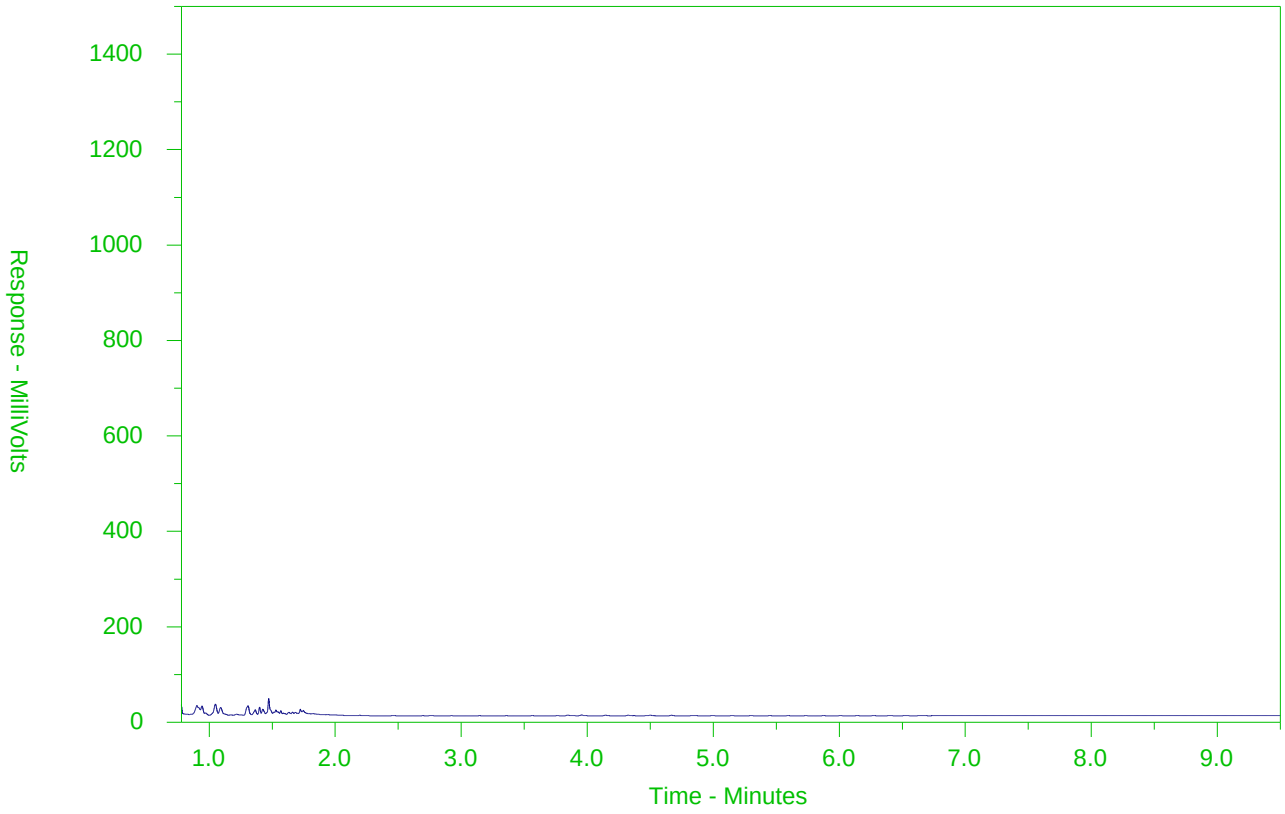
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

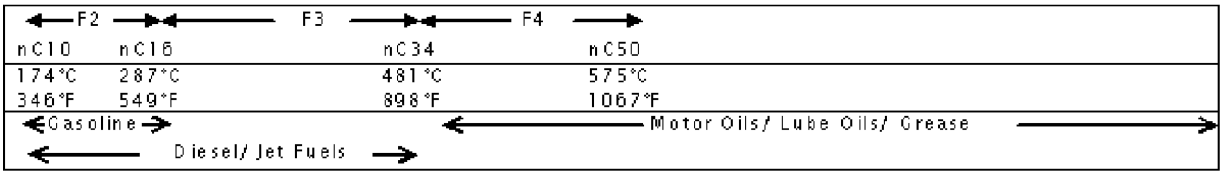
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-18
Client Sample ID: C45





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

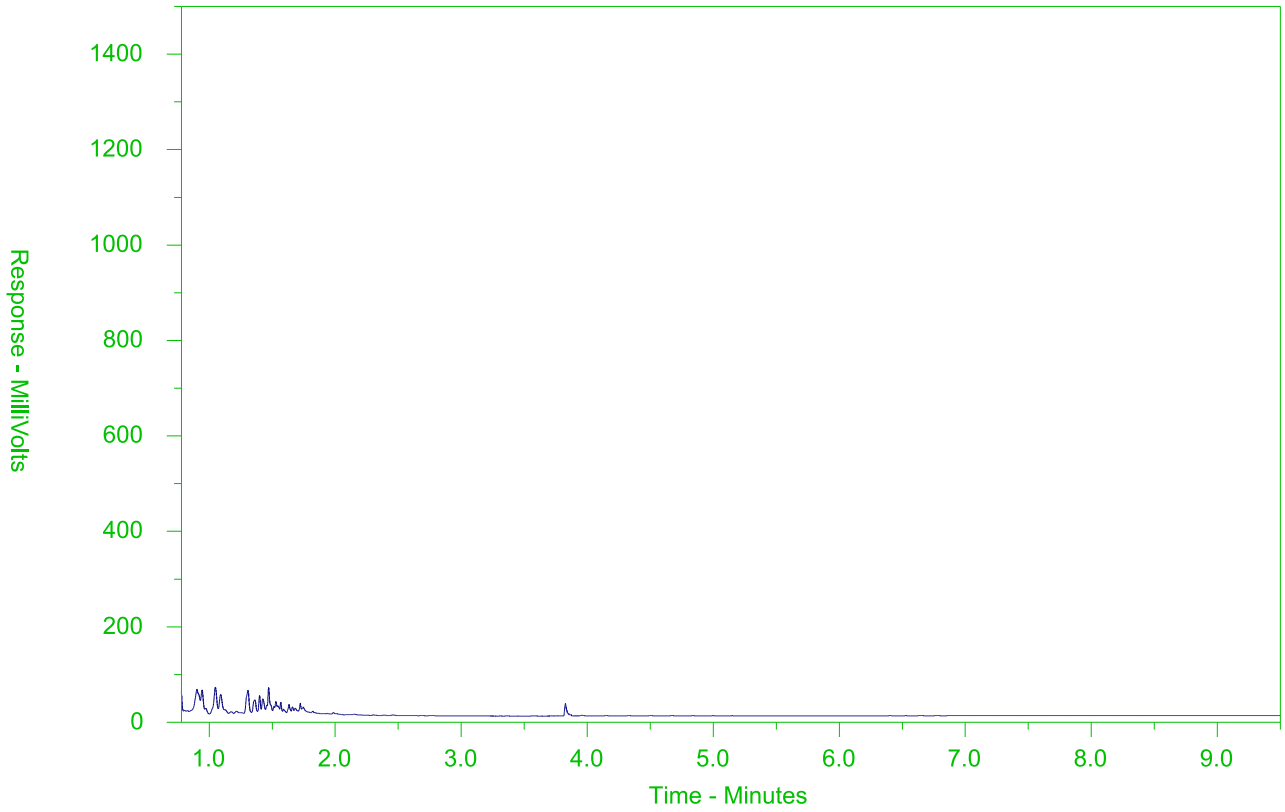
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

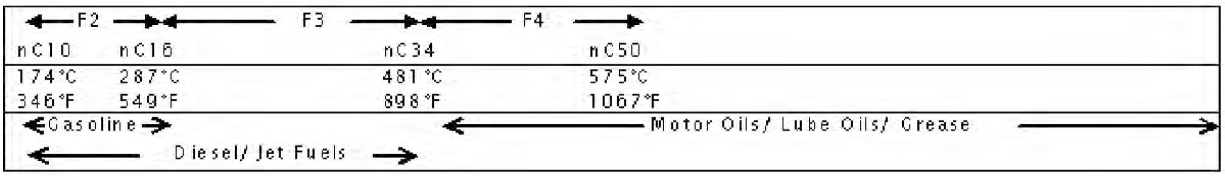
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-19
Client Sample ID: C47





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

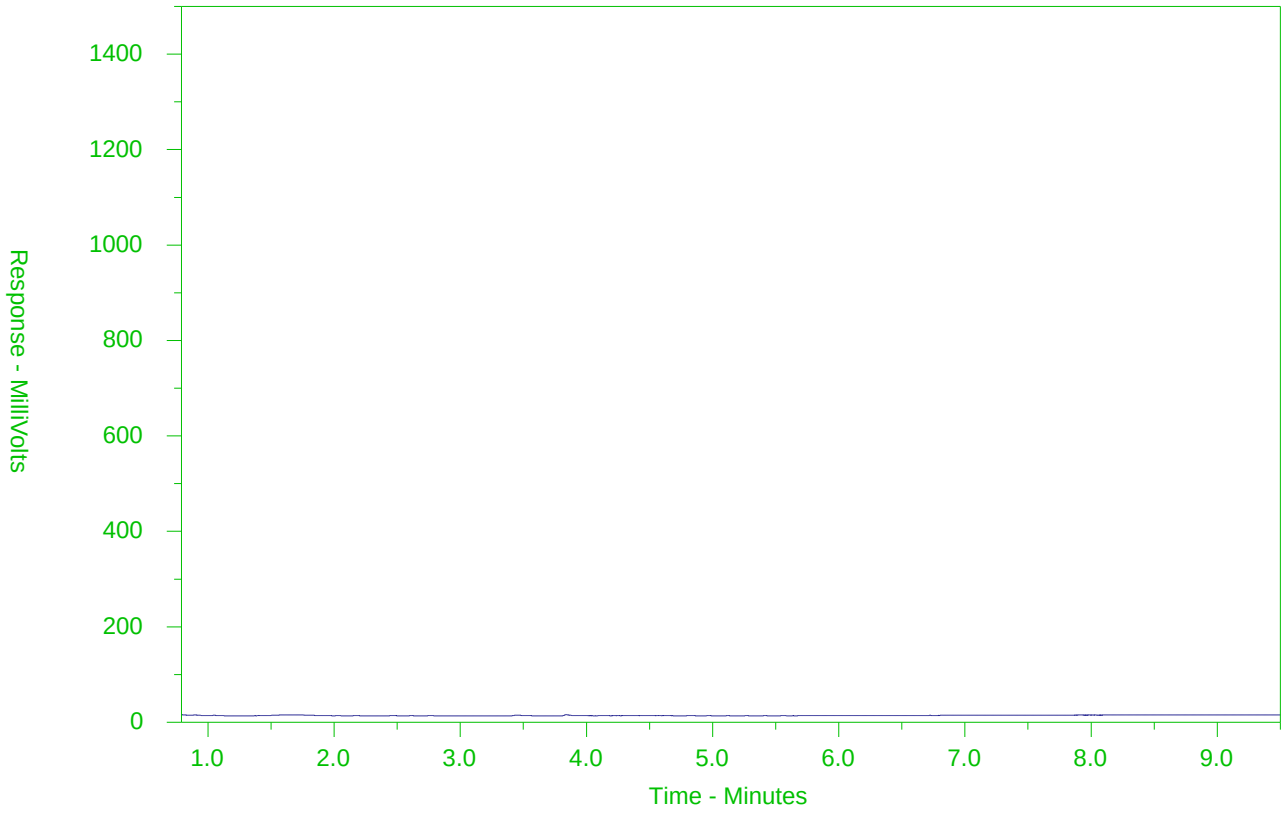
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

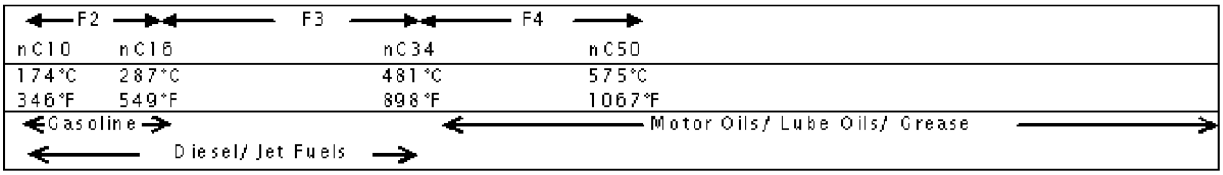
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-20
Client Sample ID: C50





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

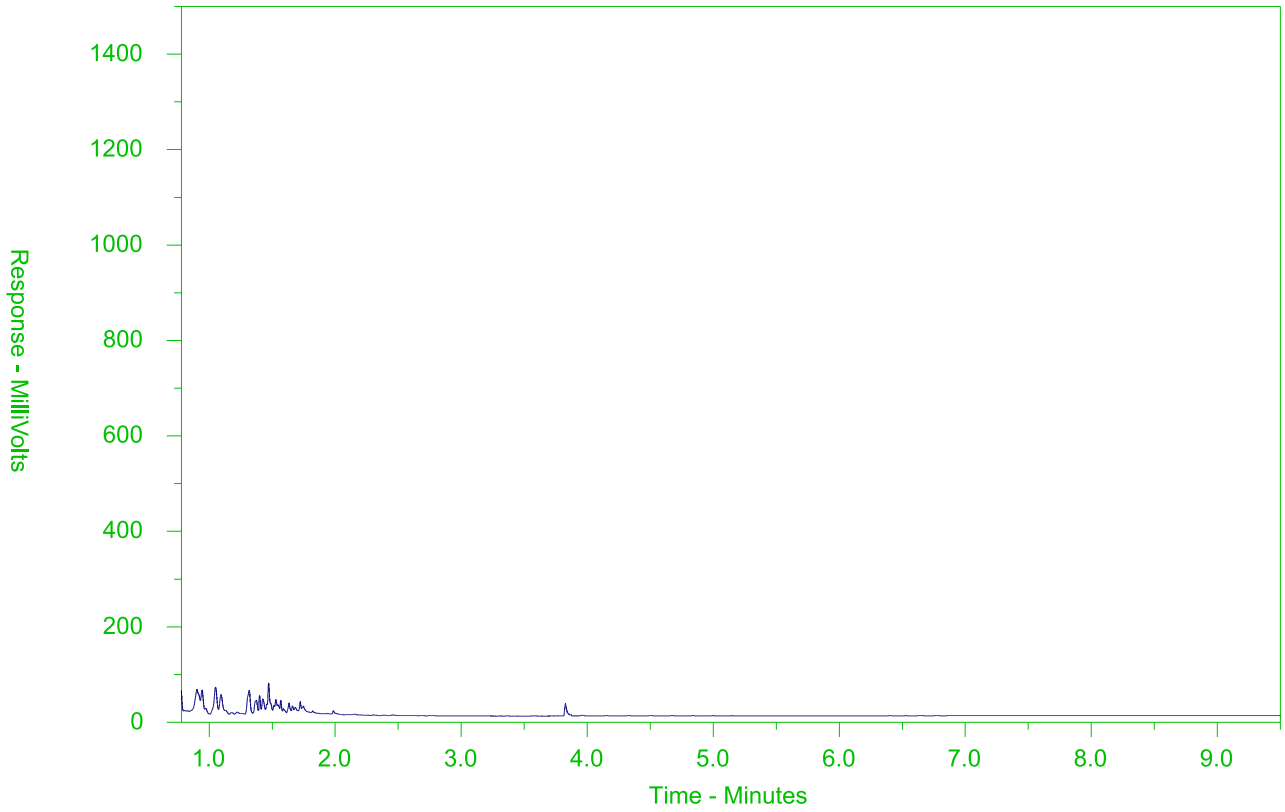
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

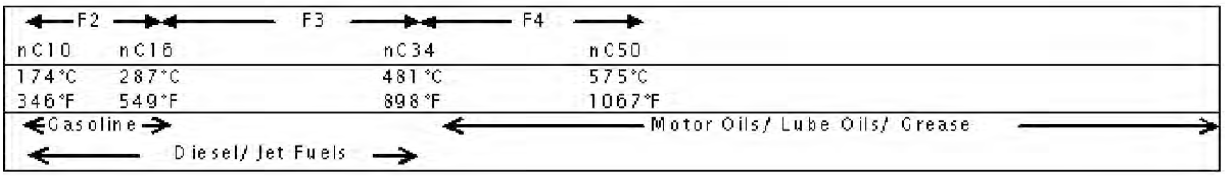
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-21
Client Sample ID: C51





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

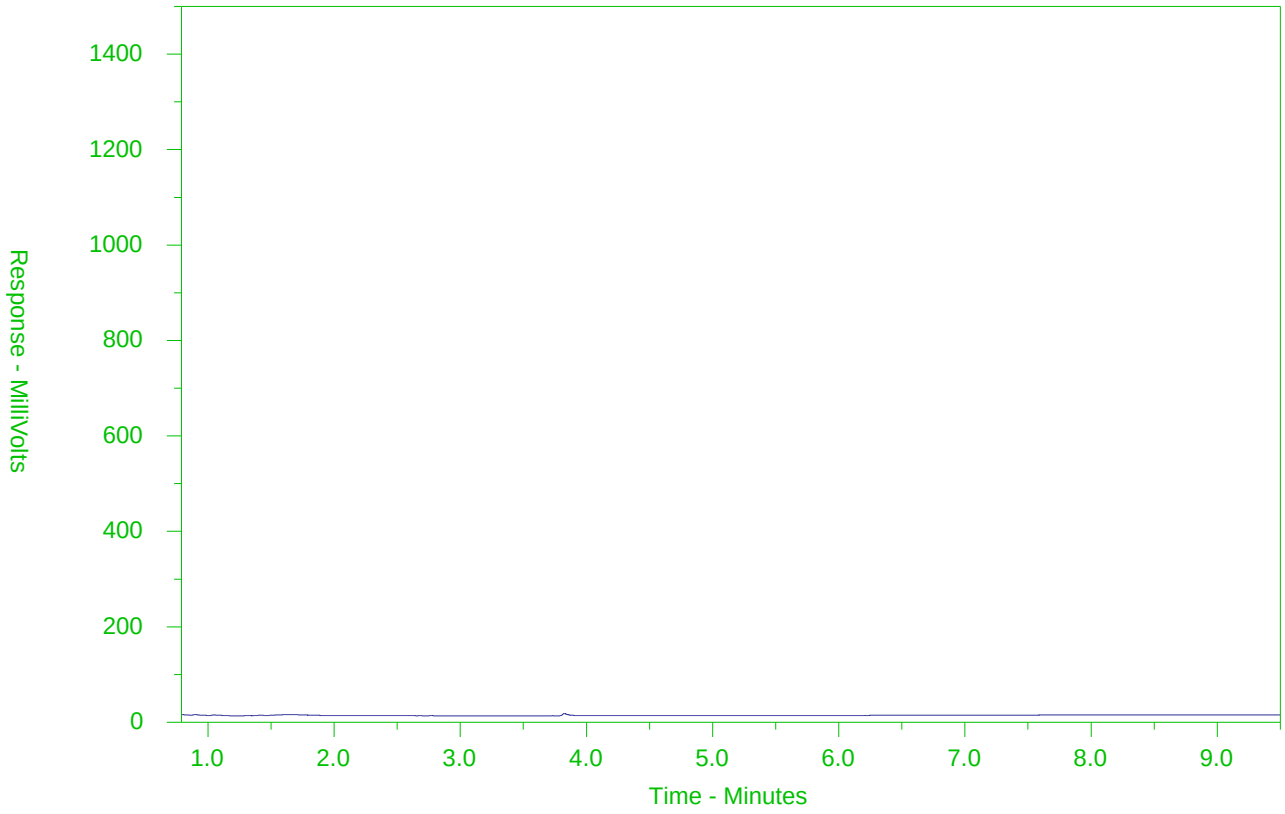
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

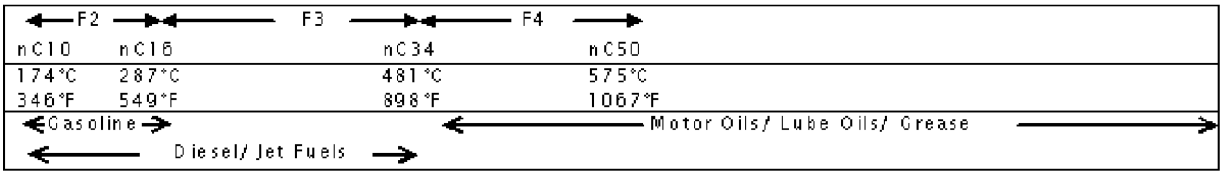
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-22
Client Sample ID: C53





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

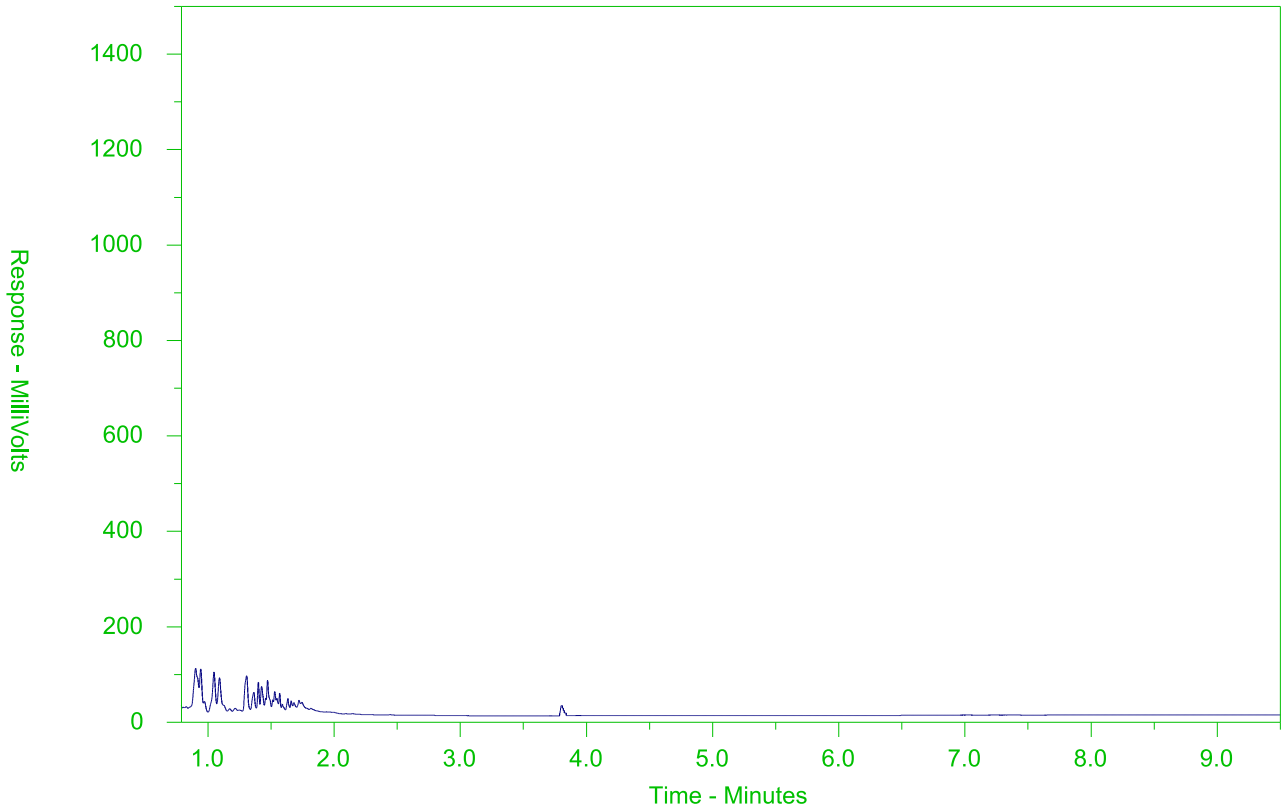
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

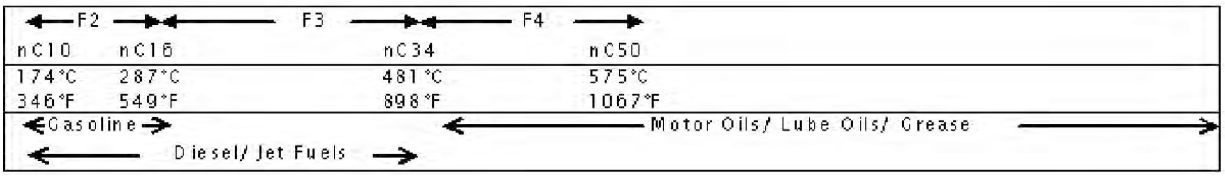
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-24
Client Sample ID: C57





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

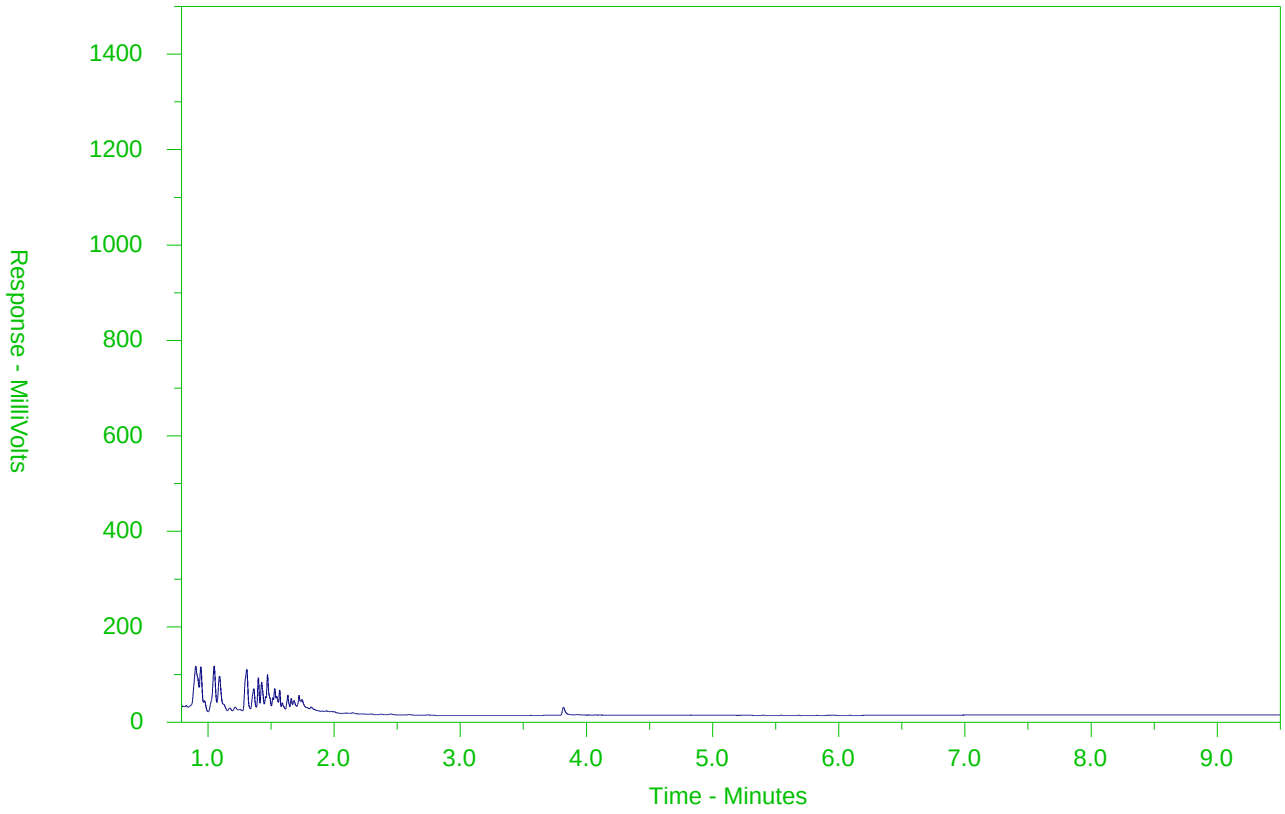
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

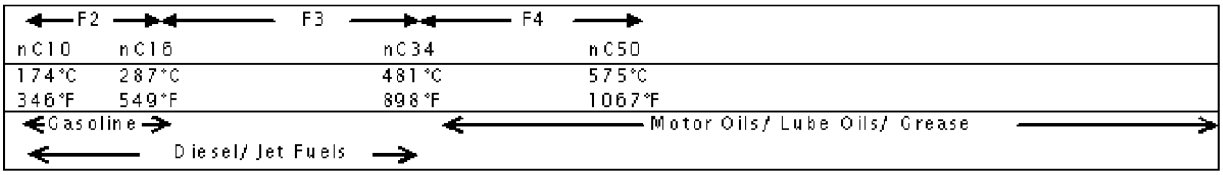
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-25
Client Sample ID: C61





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

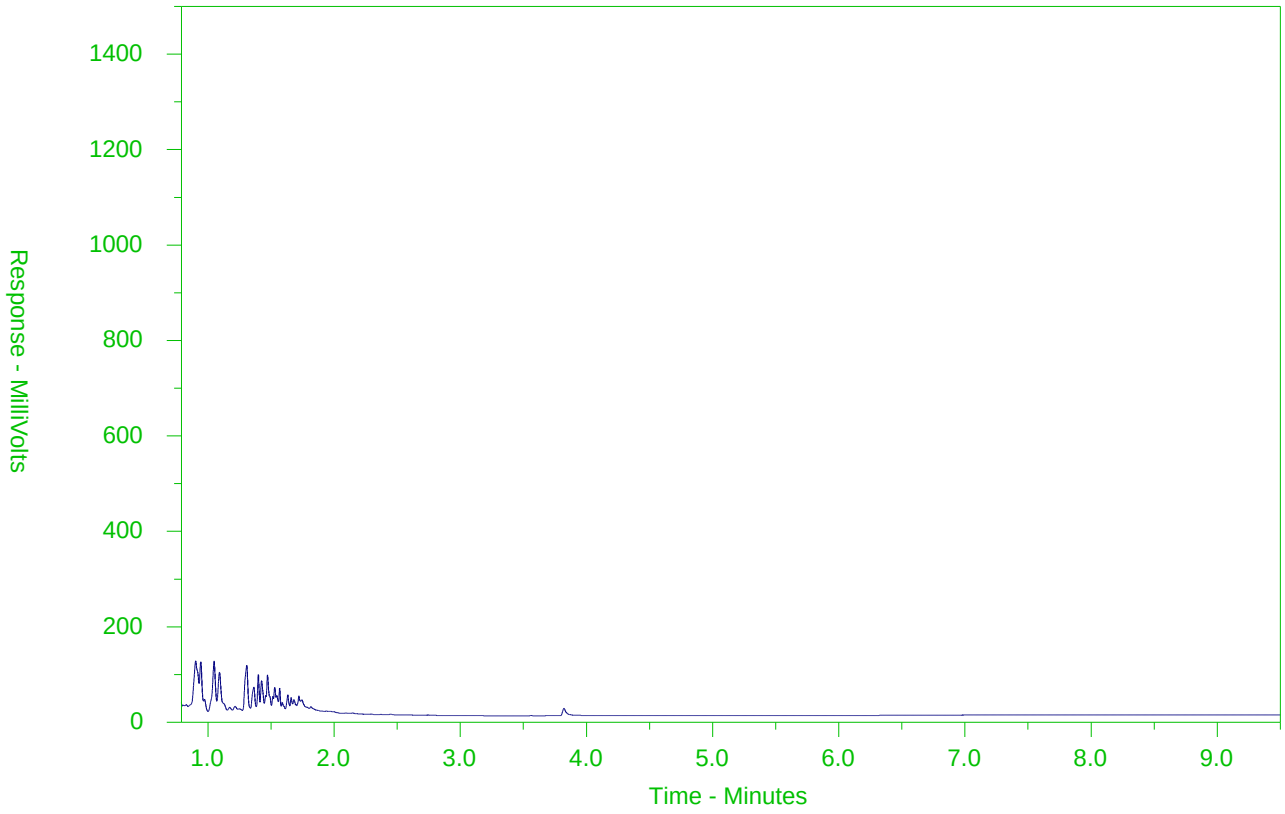
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

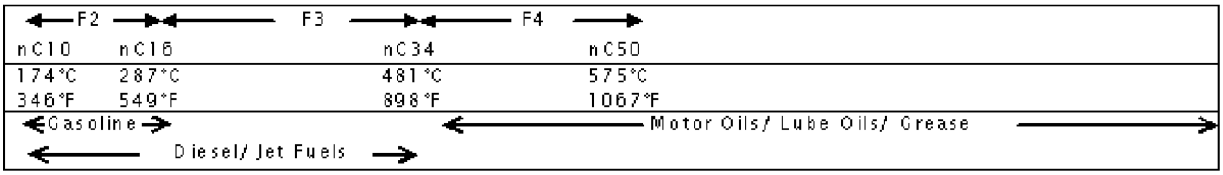
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-26
Client Sample ID: C75





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

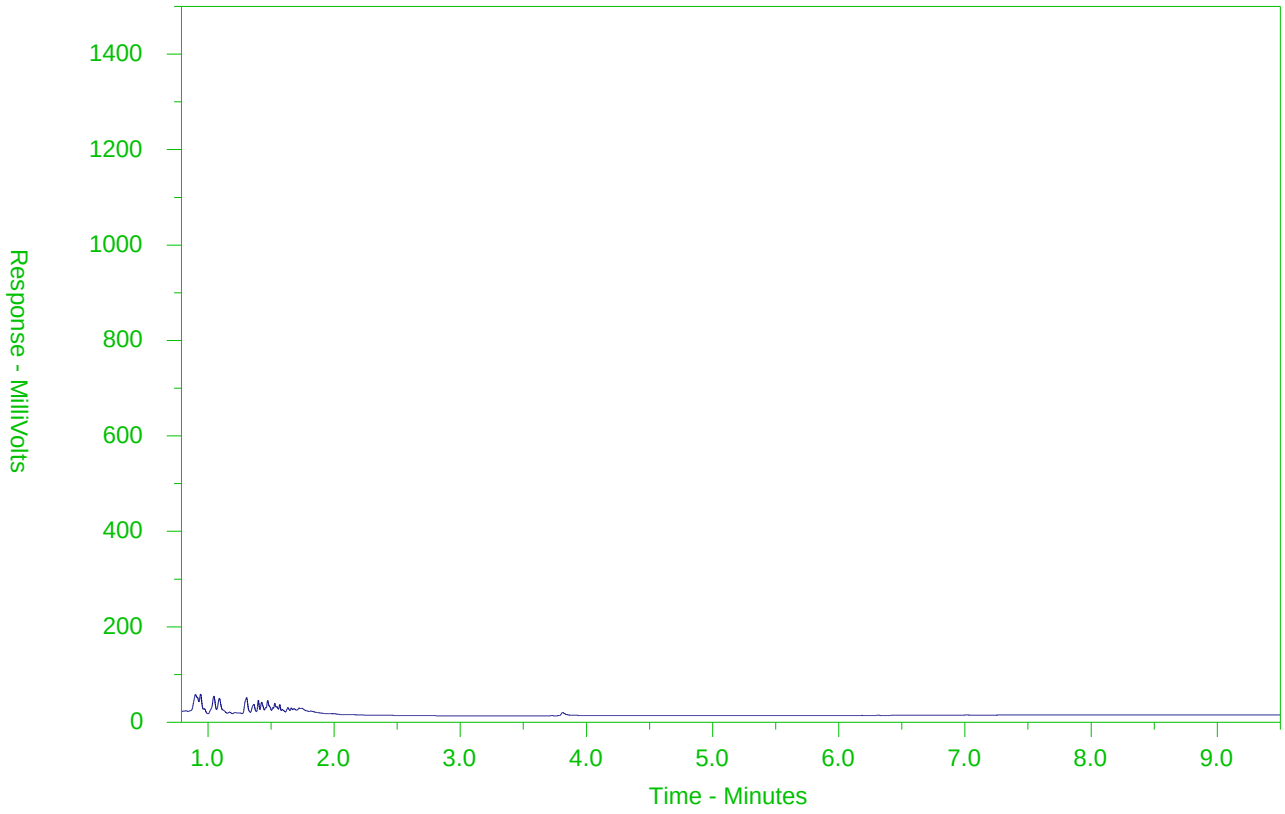
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

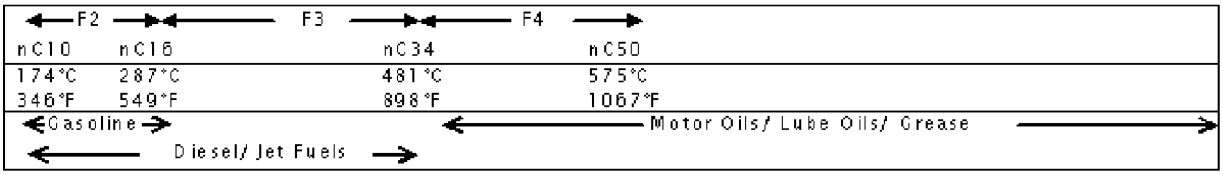
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-27
Client Sample ID: C77





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

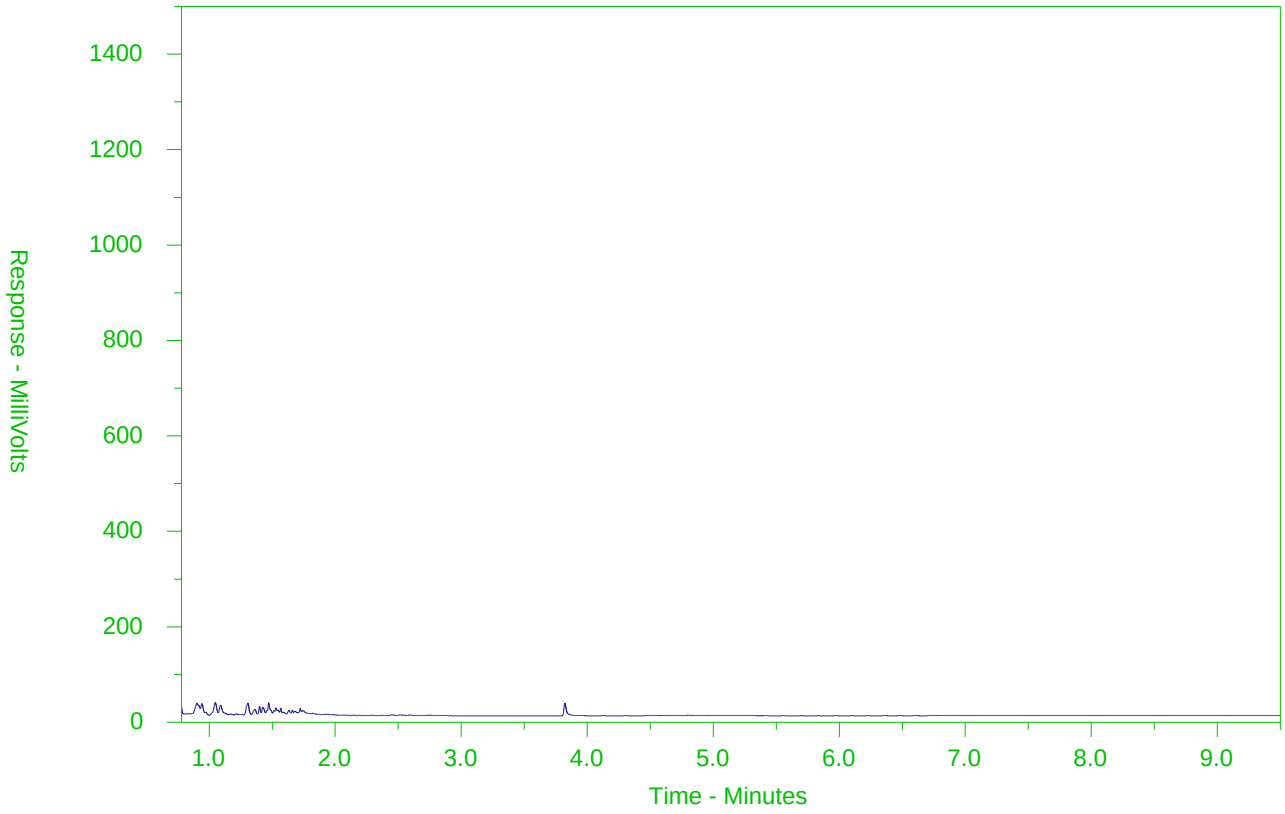
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

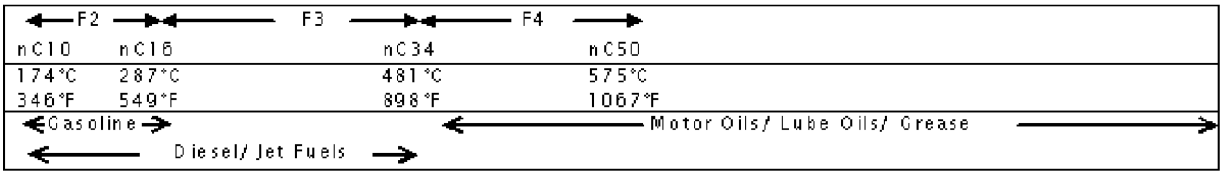
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-28
Client Sample ID: C80





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

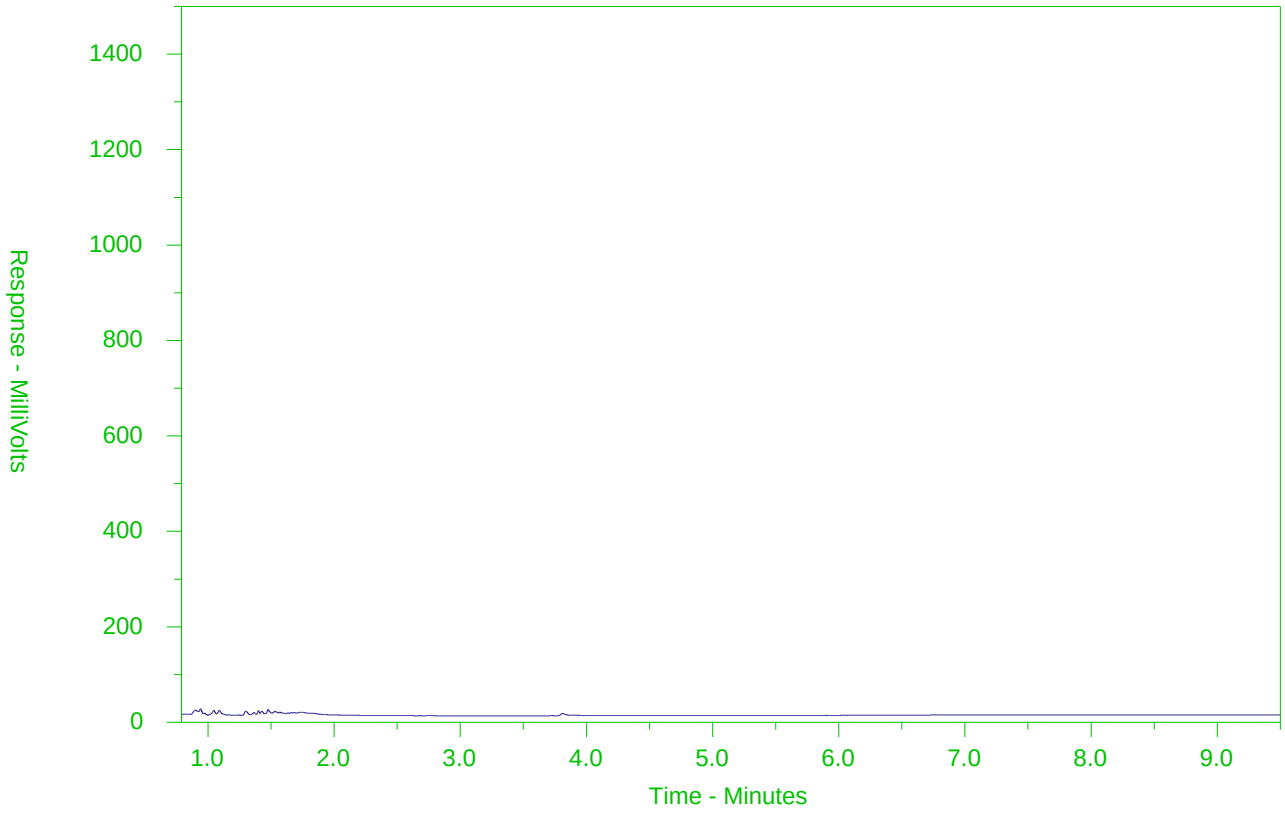
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

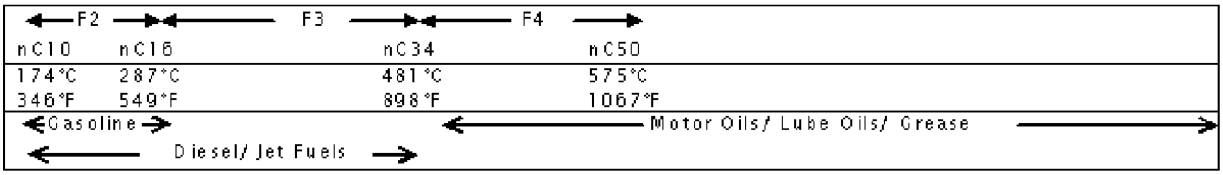
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-29
Client Sample ID: C83





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

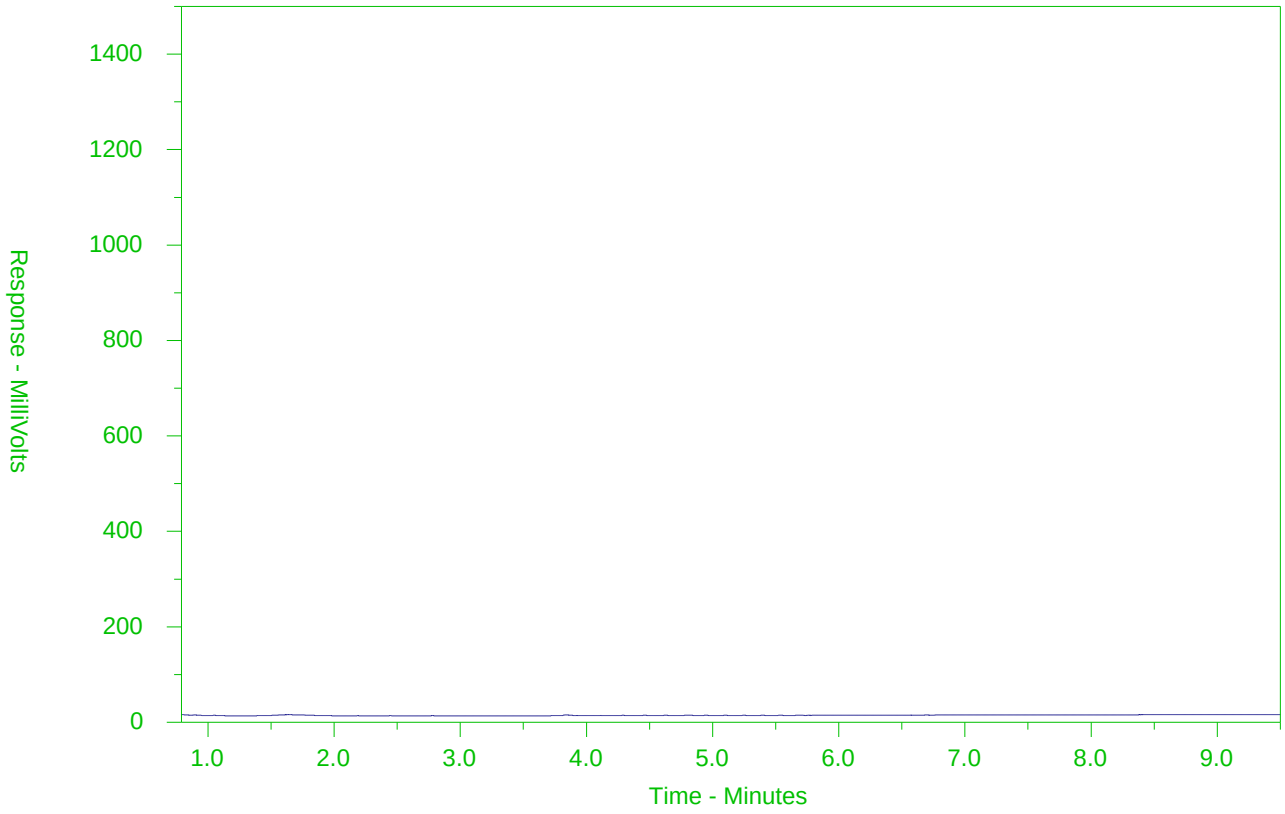
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

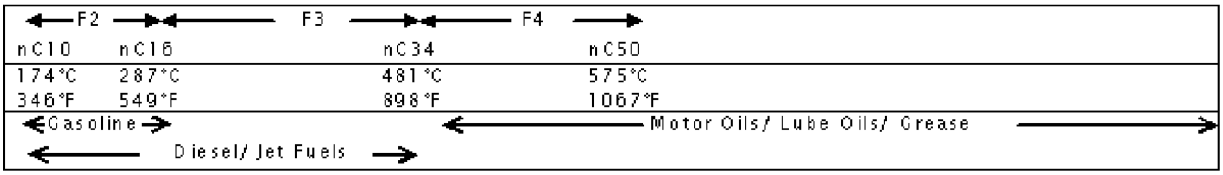
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-30
Client Sample ID: C85





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

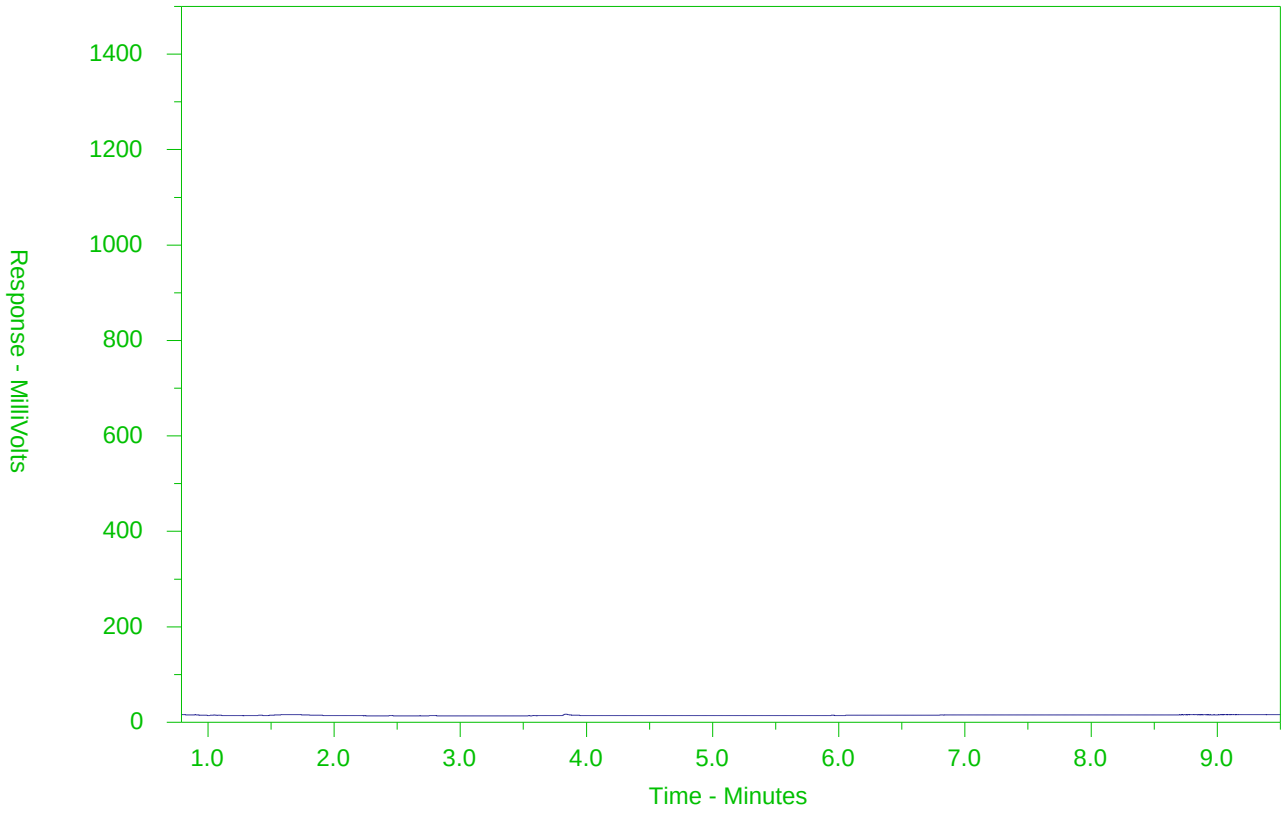
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

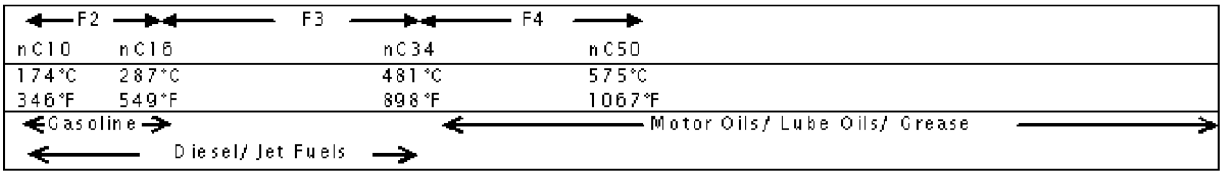
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-31
Client Sample ID: C86





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

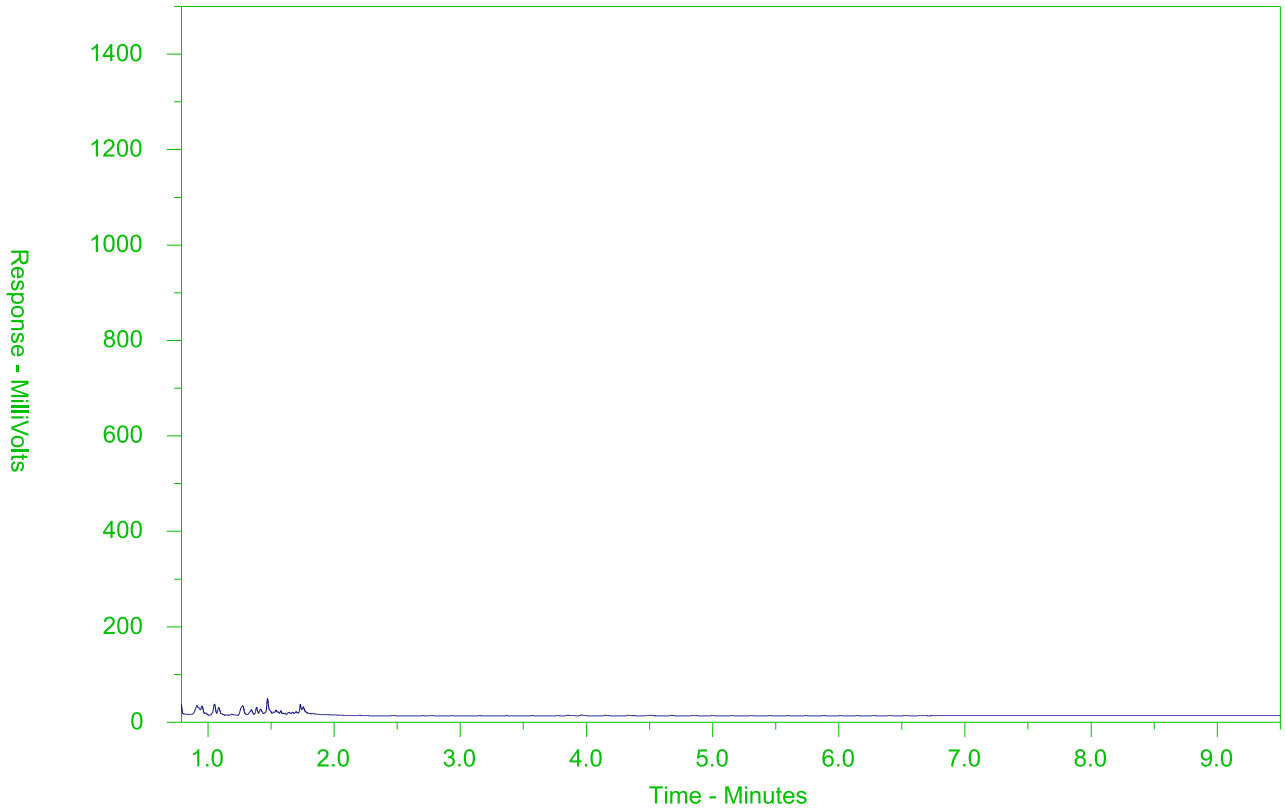
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

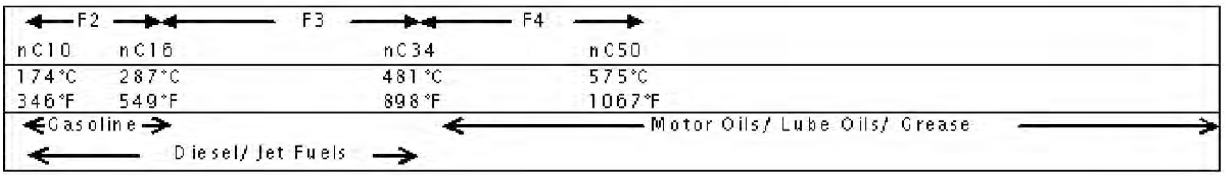
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-32
Client Sample ID: C87





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

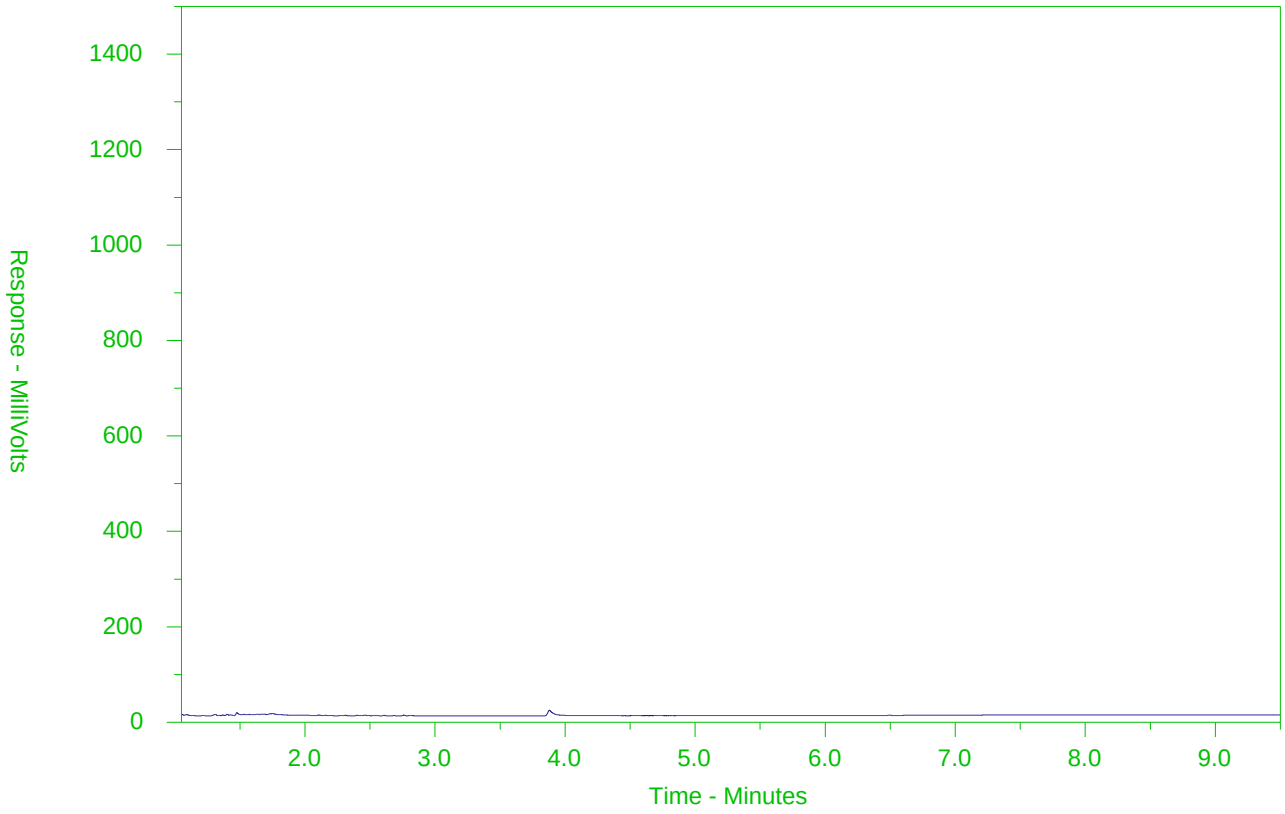
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

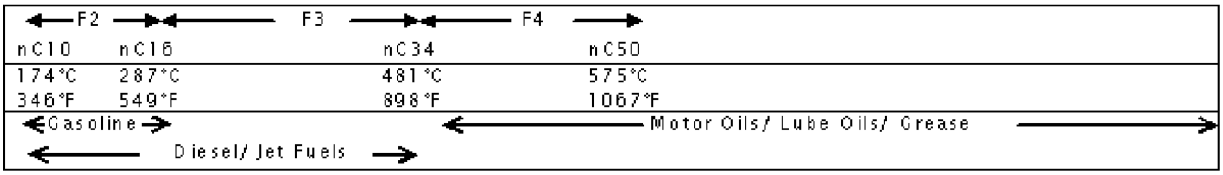
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-33
Client Sample ID: C89





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

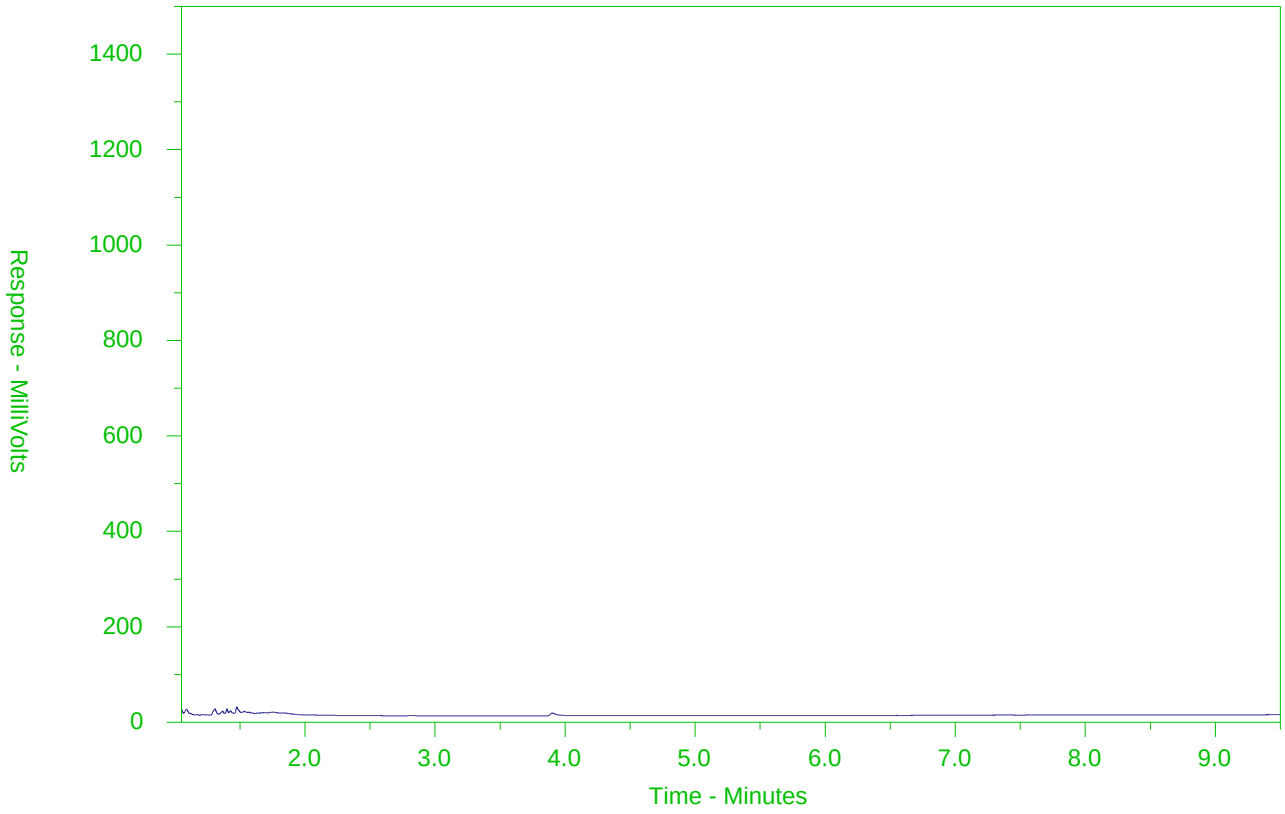
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

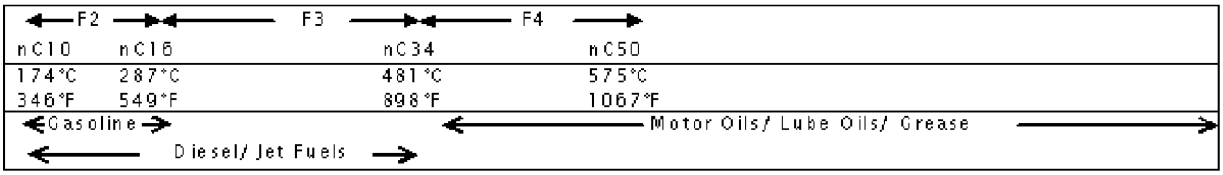
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-34
Client Sample ID: C93





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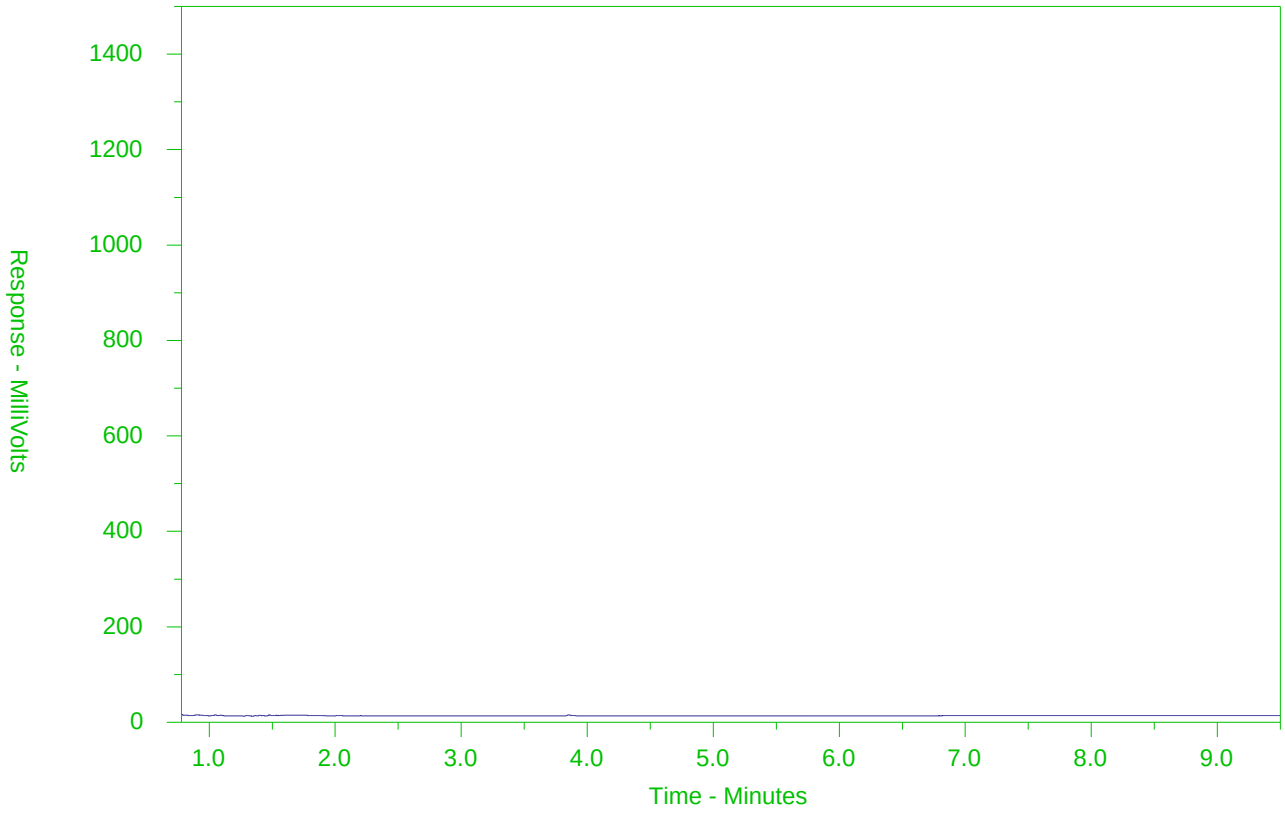
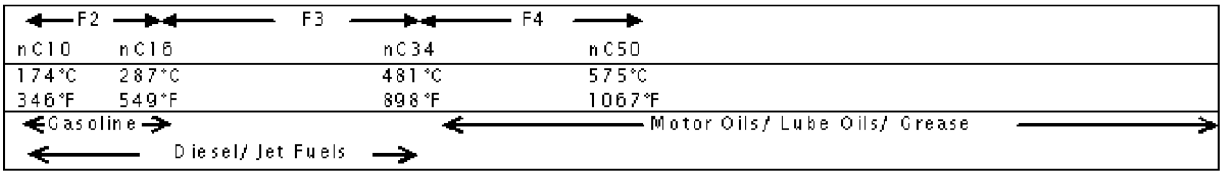
Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2608585-35
Client Sample ID: C7





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ALS Environmental

www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

L2608585-COFC

COC Number: 17 - 881178

Page 1 of 3

Report To	Contact and company name below will appear on the final report	Report Format / Distribution	Select Service Level Below - Contact your AM to confirm all E&P TATs (surcharges may apply)
Company:	TALON PROJECTS INC.	Select Report Format: ☑ PDF ☒ EXCEL | EDD (DIGITAL)	Regular [R] ☐ Standard TAT if received by 3 pm - business days - no surcharges apply
Contact:	WAYNE PITONA	Quality Control (QC) Report with Report ☒ YES ☐ NO	PRIORITY (Business Days): 4 day [P4-20%] ☐ / 3 day [P3-25%] ☐ / 2 day [P2-50%] ☐
Phone:	204.480.8904	☐ Compare Results to Criteria on Report - provide details below if box checked	EMERGENCY: 1 Business day [E - 100%] ☐ / Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)] ☐
	Company address below will appear on the final report	Select Distribution: ☑ EMAIL | MAIL ☐ FAX	
Street:	PO BOX 1720	Email 1 or Fax EXCAVATOR@TALONGEOTECH.COM	Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm
City/Province:	ATIKOKAN ON	Email 2	For tests that can not be performed according to the service level selected, you will be contacted.
Postal Code:	P0T 1C0	Email 3	

Invoice To		Invoice Distribution
	Same as Report To ☒ YES ☐ NO	Select Invoice Distribution: ☒ EMAIL ☐ MAIL ☐ FAX
	Copy of Invoice with Report ☑ YES ☐ NO	
Company:	TALON PROJECTS INC.	Email 1 or Fax
Contact:	WAYNE PITONA	Email 2

Project Information		Oil and Gas Required Fields (client use)	
ALS Account # / Quote #:		AFE/Cost Center:	PO#
Job #:		Major/Minor Code:	Routing Code:
PO / AFE:		Requisitioner:	
LSD:		Location:	
ALS Lab Work Order # (lab use only):		ALS Contact:	Sampler:

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (lab use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	DTEX	FI-FA	SAMPLES ON HOLD	SUSPECTED HAZARD (see Special Instructions)
1	C2	24/06				X	X		
2	C5	25/06							
3	C8	25/06							
4	C10	25/06							
5	C11	25/06							
6	C12	25/06							
7	C14	25/06							
8	C15	26/06							
9	C20	26/06							
10	C25	26/06							
11	C27	26/06							
12	C31	26/06				X	X		

Drinking Water (DW) Samples[1] (client use)	Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)
Are samples taken from a Regulated DW System? ☐ YES ☐ NO	
Are samples for human consumption/ use? ☐ YES ☐ NO	

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen	☐	SIF Observations	Yes ☐	No	☑
Ice Packs	☑	Ice Cubes ☐	Custody seal intact	Yes ☐	No ☐
Cooling Initiated	☐				

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
							8.6

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
Released by:	Date:	Time:	Received by: DA	Date: 30/6/2021	Time: 3:20pm	Received by:	Date: June 30/21	Time: 335

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

JUNE 2018 FRONT

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

ALS Environmental

www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

L2608585-COFC

COC Number: 17 - 881179

Report To	Contact and company name below will appear on the final report	Report Format / Distribution	Select Service Level Below - Contact your AM to confirm all E&P TATs (surcharges may apply)
Company:	TALON PROJECTS INC	Select Report Format: ☐ PDF ☐ EXCEL ☐ EDD (DIGITAL)	Regular [R] ☐ Standard TAT if received by 3 pm - business days - no surcharges apply
Contact:		Quality Control (QC) Report with Report ☐ YES ☐ NO	PRIORITY (Business Days): 4 day [P4-20%] ☐ / 3 day [P3-25%] ☐ / 2 day [P2-50%] ☐
Phone:		☐ Compare Results to Criteria on Report - provide details below if box checked	EMERGENCY: 1 Business day [E - 100%] ☐ / Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)] ☐
	Company address below will appear on the final report	Select Distribution: ☐ EMAIL ☐ MAIL ☐ FAX	
Street:		Email 1 or Fax	Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm
City/Province:		Email 2	For tests that can not be performed according to the service level selected, you will be contacted.
Postal Code:		Email 3	

Invoice To		Invoice Distribution
	Same as Report To ☐ YES ☐ NO	
	Copy of Invoice with Report ☐ YES ☐ NO	Select Invoice Distribution: ☐ EMAIL ☐ MAIL ☐ FAX
Company:		Email 1 or Fax
Contact:		Email 2

Project Information		Oil and Gas Required Fields (client use)	
ALS Account # / Quote #:		AFE/Cost Center:	PO#
Job #:		Major/Minor Code:	Routing Code:
PO / AFE:		Requisitioner:	
LSD:		Location:	
ALS Lab Work Order # (lab use only):		ALS Contact:	Sampler:

Analysis Request

ALS Sample # (lab use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below: DTEX	F1-F4	SAMPLES ON HOLD	SUSPECTED HAZARD (see Special Instructions)
13	C34	26/06						X	
14	C35	27/06				X	X		
15	C36	27/06							
16	C38	26/06							
17	CA2	27/06						4	
18	C45	27/06				X	X		
19	C47	27/06				X	X		
20	C50	27/06						X	
21	C51	27/06				X	X		
22	C53	27/06							
23	C55	27/06							
24	C57	28/06						1P	

Drinking Water (DW) Samples[1] (client use)	Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)
Are samples taken from a Regulated DW System? ☐ YES ☐ NO	
Are samples for human consumption/ use? ☐ YES ☐ NO	

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen ☐ SIF Observations Yes ☐ No ☐

Ice Packs ☐ Ice Cubes ☐ Custody seal intact Yes ☐ No ☐

Cooling Initiated ☐

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
Released by:	Date:	Time:	Received by: O.A.	Date: 30/6/2021	Time: 3:20pm	Received by:	Date:	Time:

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form.**

ALS Environmental

www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

L2608585-COFC

COC Number: 17 - 881173

Report To	Contact and company name below will appear on the final report
Company:	TALON PROJECTS INC.
Contact:	
Phone:	
	Company address below will appear on the final report
Street:	
City/Province:	
Postal Code:	

Report Format	
Select Report Format:	☐ PDF ☐ EXCEL | | EDD (DIGITAL)
Quality Control (QC) Report with Report	| | YES | | NO
☐ Compare Results to Criteria on Report - provide details below if box checked	
Select Distribution:	☐ EMAIL | | MAIL ☐ FAX
Email 1 or Fax	
Email 2	
Email 3	

Invoice To		
	Same as Report To	☐ YES ☐ NO
	Copy of Invoice with Report	☐ YES ☐ NO
Company:		
Contact:		

Invoice Distribution	
Select Invoice Distribution:	☐ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax	
Email 2	

Project Information	
ALS Account # / Quote #:	
Job #:	
PO / AFE:	
LSD:	

Oil and Gas Required Fields (client use)	
AFE/Cost Center:	PO#
Major/Minor Code:	Routing Code:
Requisitioner:	
Location:	

ALS Lab Work Order # (lab use only):	ALS Contact:	Sampler:

Regular [R] ☐ Standard TAT if received by 3 pm - business days - no surcharges apply

PRIORITY (Business Days): 4 day [P4-20%] ☐ ; 3 day [P3-25%] ☐ ; 2 day [P2-50%] ☐

EMERGENCY: 1 Business day [E - 100%] ☐ ; Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)] ☐

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm

For tests that can not be performed according to the service level selected, you will be contacted.

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (lab use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	BTEX	F(-F4	SAMPLES ON HOLD	SUSPECTED HAZARD (see Special Instructions)
25	C61	28/06							
26	C75	28/06							
27	C77	28/06							
28	C80	28/06				X	X		
29	C83	28/06							
30	C85	28/06							
31	C86	28/06							
32	C87	28/06							
33	C89	29/06							
34	C93	29/06							
35	C7	25/06				X	X		
								X	

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System?

☐ YES ☐ NO

Are samples for human consumption/ use?

☐ YES ☐ NO

Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen	☐	SIF Observations	Yes ☐	No	☐
Ice Packs	☐ Ice Cubes ☐	Custody seal intact	Yes ☐	No	☐
Cooling Initiated	☐				

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
Released by:	Date:	Time:	Received by:	Date:	Time:	Received by:	Date:	Time:
			O.A.	30/6/2021	3:20pm			

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form.**

Talon Projects (Atikokan)
ATTN: WAYNE PITURA
Box 1720
Atikokan ON P0T 1C0

Date Received: 23-NOV-21
Report Date: 08-DEC-21 13:03 (MT)
Version: FINAL REV. 2

Client Phone: 204-480-8904

Certificate of Analysis

Lab Work Order #: L2665237
Project P.O. #: NOT SUBMITTED
Job Reference:
C of C Numbers:
Legal Site Desc:

Comments: ADDITIONAL 01-DEC-21 15:53
ADDITIONAL 23-NOV-21 11:19

Hua Wo
Chemistry Laboratory Manager

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	L2665237-4	L2665237-6	L2665237-7	L2665237-9	L2665237-10
Description	SOIL	SOIL	SOIL	SOIL	SOIL
Sampled Date	19-NOV-21	19-NOV-21	19-NOV-21	20-NOV-21	20-NOV-21
Sampled Time					
Client ID	K10	K13	K16	K19	K21
Grouping / **Analyte**					
SOIL					
Physical Tests Moisture (%)	23.3	21.1	23.1	21.8	22.3
Volatile Organic Compounds Benzene (mg/kg)	3.14 DLM	2.0	0.0179 EMPC	4.7	<0.050 DLM
Ethyl benzene (mg/kg)	18 DLHC	0.093	0.612	6.64	1.36
Styrene (mg/kg)					
Toluene (mg/kg)	1.73	<0.050	0.124	<0.050	<0.050
o-Xylene (mg/kg)	0.564	<0.050	0.219	0.087	<0.050
m+p-Xylenes (mg/kg)	57.0 DLHC	<0.050	1.68	1.58	0.115
Xylenes (Total) (mg/kg)	57.5	<0.071	1.90	1.67	0.115
F1 (C6-C10) (mg/kg)	630 DLHC	<10	270	714	453
F1-BTEX (mg/kg)	550	<10	267	700	451
Total Hydrocarbons (C6-C50) (mg/kg)	1100	<76	344	1050	542
Surrogate: 4-Bromofluorobenzene (SS) (%)	175.0 SHMI	128.6	164.9 SHMI	181.1 SHMI	130.2 SHMI
Surrogate: 3,4-Dichlorotoluene (SS) (%)	118.7	119.1	96.4	118.1	109.8
Hydrocarbons F2 (C10-C16) (mg/kg)	473	<25	75	336	89
F3 (C16-C34) (mg/kg)	<50	<50	<50	<50	<50
F4 (C34-C50) (mg/kg)	<50	<50	<50	<50	<50
Chrom. to baseline at nC50	YES	YES	YES	YES	YES
Surrogate: 2-Bromobenzotrifluoride (%)	96.5	81.7	91.5	105.9	94.3

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	L2665237-12	L2665237-14	L2665237-15	L2665237-16	L2665237-18
Description	SOIL	SOIL	SOIL	SOIL	SOIL
Sampled Date	20-NOV-21	20-NOV-21	20-NOV-21	20-NOV-21	20-NOV-21
Sampled Time					
Client ID	K23	K25	K27	K28	K31
Grouping / **Analyte**					
SOIL					
Physical Tests Moisture (%)	22.7	20.0	22.2	20.6	20.4
Volatile Organic Compounds Benzene (mg/kg)	4.52	<0.0050	0.902 DLM	<0.0050	<0.0050
Ethyl benzene (mg/kg)	10.5 DLM	<0.015	4.48	<0.015	<0.015
Styrene (mg/kg)		<0.050		<0.050	
Toluene (mg/kg)	0.63 DLM	<0.050	0.152	<0.050	<0.050
o-Xylene (mg/kg)	<0.50 DLM	<0.050	<0.050	<0.050	<0.050
m+p-Xylenes (mg/kg)	7.21 DLM	<0.050	1.36	<0.050	<0.050
Xylenes (Total) (mg/kg)	7.21	<0.071	1.36	<0.071	<0.071
F1 (C6-C10) (mg/kg)	670 DLM	<10	65	<10	<10
F1-BTEX (mg/kg)	650	<10	58	<10	<10
Total Hydrocarbons (C6-C50) (mg/kg)	1170	<76	<76	<76	<76
Surrogate: 4-Bromofluorobenzene (SS) (%)	131.6 SHMI	105.8	116.4	88.2	91.8
Surrogate: 3,4-Dichlorotoluene (SS) (%)	124.7	109.2	120.7	82.4	89.0
Hydrocarbons F2 (C10-C16) (mg/kg)	496	<25	<25	<25	<25
F3 (C16-C34) (mg/kg)	<50	<50	<50	<50	<50
F4 (C34-C50) (mg/kg)	<50	<50	<50	<50	<50
Chrom. to baseline at nC50	YES	YES	YES	YES	YES
Surrogate: 2-Bromobenzotrifluoride (%)	94.9	97.2	90.2	86.1	92.1

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L2665237-21 SOIL 20-NOV-21 K34	L2665237-22 SOIL 20-NOV-21 K35	L2665237-26 SOIL 20-NOV-21 K41	L2665237-27 SOIL 20-NOV-21 K42	L2665237-28 SOIL 20-NOV-21 K44
SOIL						
Physical Tests	Moisture (%)	23.0	20.2	26.7	17.5	15.7
Volatile Organic Compounds	Benzene (mg/kg)	0.310 EMPC	<0.0050	0.284 EMPC	<0.0050	<0.0050
	Ethyl benzene (mg/kg)	7.55	<0.015	6.19	<0.015	<0.015
	Styrene (mg/kg)		<0.050		<0.050	<0.050
	Toluene (mg/kg)	0.354	<0.050	0.402	<0.050	<0.050
	o-Xylene (mg/kg)	0.147	<0.050	<0.050	<0.050	<0.050
	m+p-Xylenes (mg/kg)	5.53	<0.050	7.76	<0.050	<0.050
	Xylenes (Total) (mg/kg)	5.68	<0.071	7.76	<0.071	<0.071
	F1 (C6-C10) (mg/kg)	635	<10	370	<10	<10
	F1-BTEX (mg/kg)	621	<10	355	<10	<10
	Total Hydrocarbons (C6-C50) (mg/kg)	753	<76	437	<76	<76
	Surrogate: 4-Bromofluorobenzene (SS) (%)	132.5 SHMI	111.6	121.6	95.1	85.8
	Surrogate: 3,4-Dichlorotoluene (SS) (%)	84.7	85.0	89.1	107.7	94.5
Hydrocarbons	F2 (C10-C16) (mg/kg)	118	<25	67	<25	<25
	F3 (C16-C34) (mg/kg)	<50	<50	<50	<50	<50
	F4 (C34-C50) (mg/kg)	<50	<50	<50	<50	<50
	Chrom. to baseline at nC50	YES	YES	YES	YES	YES
	Surrogate: 2-Bromobenzotrifluoride (%)	100.3	94.9	95.0	101.8	96.9

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L2665237-31	L2665237-32			
	Description	SOIL	SOIL			
	Sampled Date	21-NOV-21	21-NOV-21			
	Sampled Time					
	Client ID	K49	K51			
Grouping	**Analyte**					
SOIL						
Physical Tests	Moisture (%)	18.7	20.3			
Volatile Organic Compounds	Benzene (mg/kg)	<0.0050	<0.0050			
	Ethyl benzene (mg/kg)	<0.015	<0.015			
	Styrene (mg/kg)	<0.050	<0.050			
	Toluene (mg/kg)	<0.050	<0.050			
	o-Xylene (mg/kg)	<0.050	<0.050			
	m+p-Xylenes (mg/kg)	<0.050	<0.050			
	Xylenes (Total) (mg/kg)	<0.071	<0.071			
	F1 (C6-C10) (mg/kg)	<10	<10			
	F1-BTEX (mg/kg)	<10	<10			
	Total Hydrocarbons (C6-C50) (mg/kg)	<76	<76			
	Surrogate: 4-Bromofluorobenzene (SS) (%)	106.5	88.3			
	Surrogate: 3,4-Dichlorotoluene (SS) (%)	119.1	92.0			
Hydrocarbons	F2 (C10-C16) (mg/kg)	<25	<25			
	F3 (C16-C34) (mg/kg)	<50	<50			
	F4 (C34-C50) (mg/kg)	<50	<50			
	Chrom. to baseline at nC50	YES	YES			
	Surrogate: 2-Bromobenzotrifluoride (%)	103.0	105.5			

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

Reference Information

Qualifiers for Individual Parameters Listed:

Qualifier	Description
DLHC	Detection Limit Raised: Dilution required due to high concentration of test analyte(s).
DLM	Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).
EMPC	Estimated Maximum Possible Concentration. Parameter detected but didn't meet all criteria for positive identification.
SHMI	Surrogate recovery was outside ALS DQO (High) due to Matrix Interference.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BTEXS+F1-HSMS-WP	Soil	BTX plus F1 by GCMS	EPA 8260C

The soil methanol extract is added to water and reagents, then heated in a sealed vial to equilibrium. The headspace from the vial is transferred into a gas chromatograph. Target compound concentrations are measured using mass spectrometry detection.

F1-F4-CALC-WP	Soil	CCME Total Hydrocarbons	CCME CWS-PHC, Pub #1310, Dec 2001-S

Analytical methods used for analysis of CCME Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.

In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.

In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.

Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:
1. All extraction and analysis holding times were met.
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.
3. Linearity of gasoline response within 15% throughout the calibration range.

Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:
1. All extraction and analysis holding times were met.
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.

F2-F4-TMB-FID-WP	Soil	CCME Total Extractable Hydrocarbons	CCME CWS-PHC, Pub #1310, Dec 2001

A soil or sediment sample is extracted with 1:1 hexane/acetone in a tumbler, followed by a silica gel clean up to facilitate separation of the hydrocarbons from other polar extractions. An aliquot of the solvent is analyzed using a gas chromatograph equipped with a flame -ionization detector.

MOISTURE-WP	Soil	% Moisture	CCME PHC in Soil - Tier 1 (mod)

Moisture content in solid matrices is determined gravimetrically after drying to constant weight at 105°C.

XYLENES-SUM-CALC-WP	Soil	Sum of Xylene Isomer Concentrations	CALCULATED RESULT

Total xylenes represents the sum of o-xylene and m&p-xylene.

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WP	ALS ENVIRONMENTAL - WINNIPEG, MANITOBA, CANADA

Chain of Custody Numbers:

Reference Information

GLOSSARY OF REPORT TERMS

Surrogate - A compound that is similar in behaviour to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.
mg/kg - milligrams per kilogram based on dry weight of sample.
mg/kg wwt - milligrams per kilogram based on wet weight of sample.
mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight of sample.
mg/L - milligrams per litre.
< - Less than.
D.L. - The reported Detection Limit, also known as the Limit of Reporting (LOR).
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

Quality Control Report

Client: Talon Projects (Atikokan)
Box 1720
Atikokan ON P0T 1C0
Contact: WAYNE PITURA

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTEXS+F1-HSMS-WP	**Soil**							
Batch R5657396								
WG3663225-2 LCS								
Benzene			88.3		%		70-130	23-NOV-21
Toluene			83.3		%		70-130	23-NOV-21
Ethyl benzene			79.1		%		70-130	23-NOV-21
o-Xylene			92.6		%		70-130	23-NOV-21
m+p-Xylenes			88.9		%		70-130	23-NOV-21
WG3663225-3 LCS								
F1 (C6-C10)			78.0		%		70-130	23-NOV-21
WG3663225-1 MB								
Benzene			<0.0050		mg/kg		0.005	23-NOV-21
Toluene			<0.050		mg/kg		0.05	23-NOV-21
Ethyl benzene			<0.015		mg/kg		0.015	23-NOV-21
o-Xylene			<0.050		mg/kg		0.05	23-NOV-21
m+p-Xylenes			<0.050		mg/kg		0.05	23-NOV-21
F1 (C6-C10)			<10		mg/kg		10	23-NOV-21
Surrogate: 4-Bromofluorobenzene (SS)			82.4		%		70-130	23-NOV-21
Surrogate: 3,4-Dichlorotoluene (SS)			77.2		%		70-130	23-NOV-21
Batch R5662697								
WG3668606-4 DUP		**L2665237-31**						
Benzene		<0.0050	<0.0050	RPD-NA	mg/kg	N/A	50	02-DEC-21
Toluene		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	02-DEC-21
Ethyl benzene		<0.015	<0.015	RPD-NA	mg/kg	N/A	50	02-DEC-21
o-Xylene		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	02-DEC-21
m+p-Xylenes		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	02-DEC-21
Styrene		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	02-DEC-21
F1 (C6-C10)		<10	<10	RPD-NA	mg/kg	N/A	50	02-DEC-21
WG3668606-2 LCS								
Benzene			84.6		%		70-130	02-DEC-21
Toluene			78.0		%		70-130	02-DEC-21
Ethyl benzene			78.1		%		70-130	02-DEC-21
o-Xylene			81.8		%		70-130	02-DEC-21
m+p-Xylenes			85.4		%		70-130	02-DEC-21
Styrene			90.3		%		70-130	02-DEC-21
WG3668606-3 LCS								
F1 (C6-C10)			82.0		%		70-130	02-DEC-21
WG3668606-1 MB								

Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTEXS+F1-HSMS-WP	**Soil**							
Batch R5662697								
WG3668606-1 MB								
Benzene			<0.0050		mg/kg		0.005	02-DEC-21
Toluene			<0.050		mg/kg		0.05	02-DEC-21
Ethyl benzene			<0.015		mg/kg		0.015	02-DEC-21
o-Xylene			<0.050		mg/kg		0.05	02-DEC-21
m+p-Xylenes			<0.050		mg/kg		0.05	02-DEC-21
Styrene			<0.050		mg/kg		0.05	02-DEC-21
F1 (C6-C10)			<10		mg/kg		10	02-DEC-21
Surrogate: 4-Bromofluorobenzene (SS)			109.0		%		70-130	02-DEC-21
Surrogate: 3,4-Dichlorotoluene (SS)			93.2		%		70-130	02-DEC-21
Batch R5669877								
WG3670898-2 LCS								
Benzene			79.2		%		70-130	07-DEC-21
Toluene			76.7		%		70-130	07-DEC-21
Ethyl benzene			76.1		%		70-130	07-DEC-21
o-Xylene			75.8		%		70-130	07-DEC-21
m+p-Xylenes			80.5		%		70-130	07-DEC-21
Styrene			75.9		%		70-130	07-DEC-21
WG3670898-3 LCS								
F1 (C6-C10)			84.1		%		70-130	07-DEC-21
WG3670898-1 MB								
Benzene			<0.0050		mg/kg		0.005	07-DEC-21
Toluene			<0.050		mg/kg		0.05	07-DEC-21
Ethyl benzene			<0.015		mg/kg		0.015	07-DEC-21
o-Xylene			<0.050		mg/kg		0.05	07-DEC-21
m+p-Xylenes			<0.050		mg/kg		0.05	07-DEC-21
Styrene			<0.050		mg/kg		0.05	07-DEC-21
F1 (C6-C10)			<10		mg/kg		10	07-DEC-21
Surrogate: 4-Bromofluorobenzene (SS)			83.7		%		70-130	07-DEC-21
Surrogate: 3,4-Dichlorotoluene (SS)			82.4		%		70-130	07-DEC-21
F2-F4-TMB-FID-WP	**Soil**							
Batch R5657016								
WG3663336-3 IRM		**ALS PHC RM3**						
F2 (C10-C16)			95.3		%		70-130	24-NOV-21
F3 (C16-C34)			88.4		%		70-130	24-NOV-21
F4 (C34-C50)			114.0		%		70-130	24-NOV-21

Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-TMB-FID-WP	**Soil**							
Batch R5657016								
WG3663336-2 LCS								
F2 (C10-C16)			104.6		%		70-130	24-NOV-21
F3 (C16-C34)			95.6		%		70-130	24-NOV-21
F4 (C34-C50)			106.5		%		70-130	24-NOV-21
WG3663336-1 MB								
F2 (C10-C16)			<25		mg/kg		25	24-NOV-21
F3 (C16-C34)			<50		mg/kg		50	24-NOV-21
F4 (C34-C50)			<50		mg/kg		50	24-NOV-21
Surrogate: 2-Bromobenzotrifluoride			103.3		%		60-140	24-NOV-21
Batch R5663262								
WG3668859-4 DUP		**L2665237-31**						
F2 (C10-C16)		<25	<25	RPD-NA	mg/kg	N/A	40	02-DEC-21
F3 (C16-C34)		<50	<50	RPD-NA	mg/kg	N/A	40	02-DEC-21
F4 (C34-C50)		<50	<50	RPD-NA	mg/kg	N/A	40	02-DEC-21
WG3668859-3 IRM		**ALS PHC RM3**						
F2 (C10-C16)			99.8		%		70-130	02-DEC-21
F3 (C16-C34)			98.4		%		70-130	02-DEC-21
F4 (C34-C50)			86.8		%		70-130	02-DEC-21
WG3668859-2 LCS								
F2 (C10-C16)			104.7		%		70-130	02-DEC-21
F3 (C16-C34)			104.6		%		70-130	02-DEC-21
F4 (C34-C50)			112.2		%		70-130	02-DEC-21
WG3668859-1 MB								
F2 (C10-C16)			<25		mg/kg		25	02-DEC-21
F3 (C16-C34)			<50		mg/kg		50	02-DEC-21
F4 (C34-C50)			<50		mg/kg		50	02-DEC-21
Surrogate: 2-Bromobenzotrifluoride			89.5		%		60-140	02-DEC-21
Batch R5667757								
WG3670341-3 IRM		**ALS PHC RM3**						
F2 (C10-C16)			98.1		%		70-130	06-DEC-21
F3 (C16-C34)			90.6		%		70-130	06-DEC-21
F4 (C34-C50)			93.1		%		70-130	06-DEC-21
WG3670341-2 LCS								
F2 (C10-C16)			124.5		%		70-130	06-DEC-21
F3 (C16-C34)			115.2		%		70-130	06-DEC-21
F4 (C34-C50)			122.9		%		70-130	06-DEC-21
WG3670341-1 MB								

Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-TMB-FID-WP	**Soil**							
Batch R5667757								
WG3670341-1 MB								
F2 (C10-C16)			<25		mg/kg		25	06-DEC-21
F3 (C16-C34)			<50		mg/kg		50	06-DEC-21
F4 (C34-C50)			<50		mg/kg		50	06-DEC-21
Surrogate: 2-Bromobenzotrifluoride			115.7		%		60-140	06-DEC-21
MOISTURE-WP	**Soil**							
Batch R5656760								
WG3664149-3 DUP		**L2665237-12**						
Moisture		22.7	22.9		%	0.7	20	24-NOV-21
WG3664149-2 LCS								
Moisture			97.1		%		90-110	24-NOV-21
WG3664149-1 MB								
Moisture			<0.10		%		0.1	24-NOV-21
Batch R5662981								
WG3668963-3 DUP		**L2665237-14**						
Moisture		20.0	20.9		%	4.5	20	02-DEC-21
WG3668963-2 LCS								
Moisture			101.4		%		90-110	02-DEC-21
WG3668963-1 MB								
Moisture			<0.10		%		0.1	02-DEC-21
Batch R5666976								
WG3670424-2 LCS								
Moisture			98.0		%		90-110	06-DEC-21
WG3670424-1 MB								
Moisture			<0.10		%		0.1	06-DEC-21

Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Sample Parameter Qualifier Definitions:

Qualifier	Description
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

Quality Control Report

Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Hydrocarbons							
CCME Total Extractable Hydrocarbons							
	32	21-NOV-21	06-DEC-21 07:00	14	15	days	EHT

Legend & Qualifier Definitions:

EHTR-FM:	Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended.
EHTR:	Exceeded ALS recommended hold time prior to sample receipt.
EHTL:	Exceeded ALS recommended hold time prior to analysis. Sample was received less than 24 hours prior to expiry.
EHT:	Exceeded ALS recommended hold time prior to analysis.
Rec. HT:	ALS recommended hold time (see units).

Notes*:
Where actual sampling date is not provided to ALS, the date (& time) of receipt is used for calculation purposes.
Where actual sampling time is not provided to ALS, the earlier of 12 noon on the sampling date or the time (& date) of receipt is used for calculation purposes. Samples for L2665237 were received on 23-NOV-21 23:40.

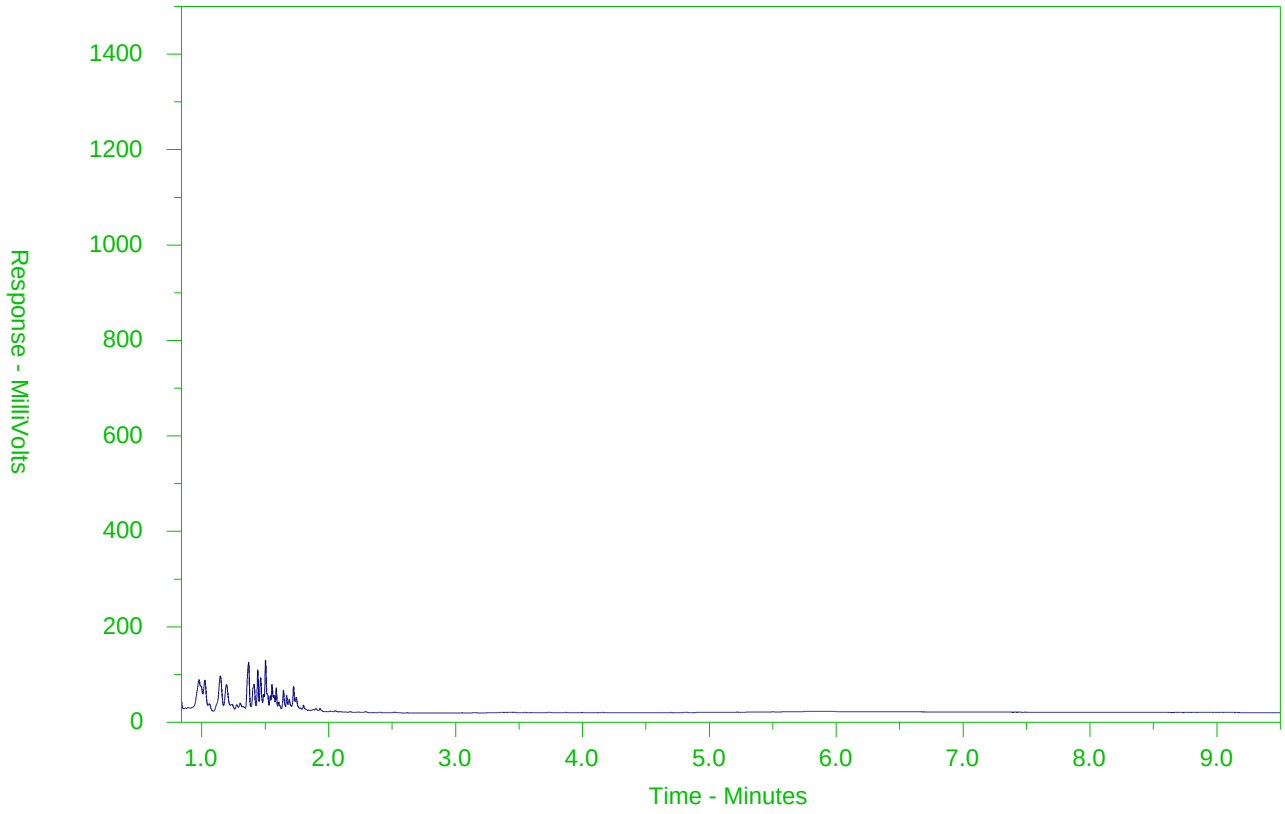
ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

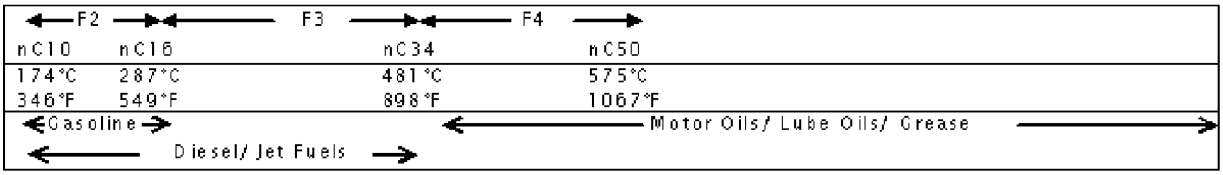
The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-4
Client Sample ID: K10





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

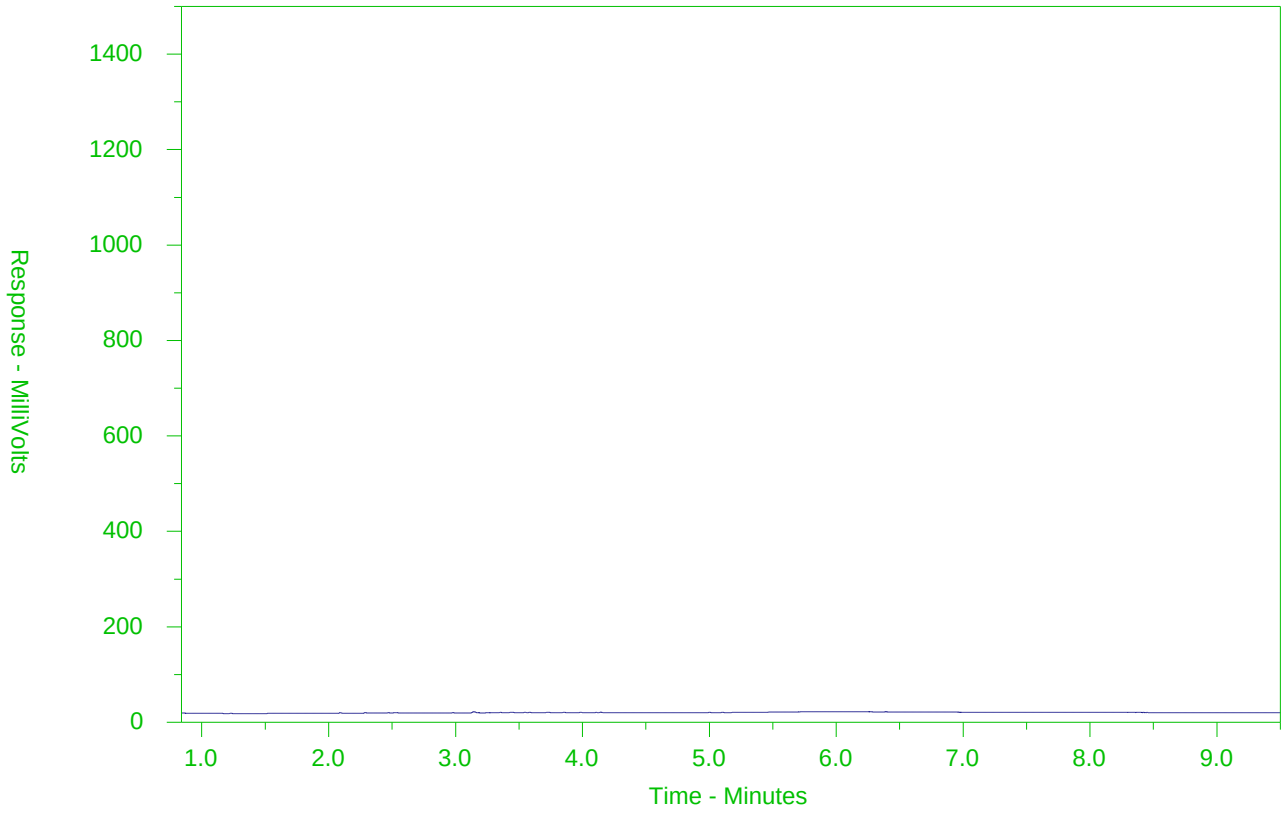
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

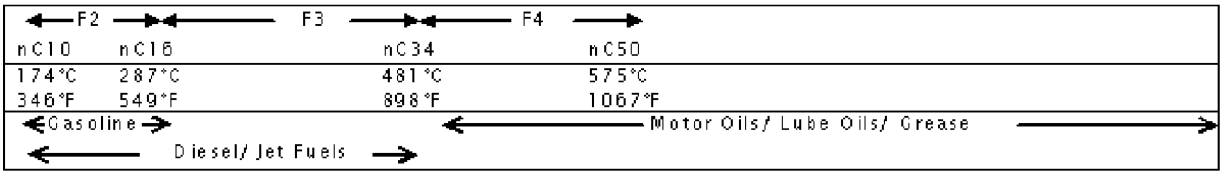
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-6
Client Sample ID: K13





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

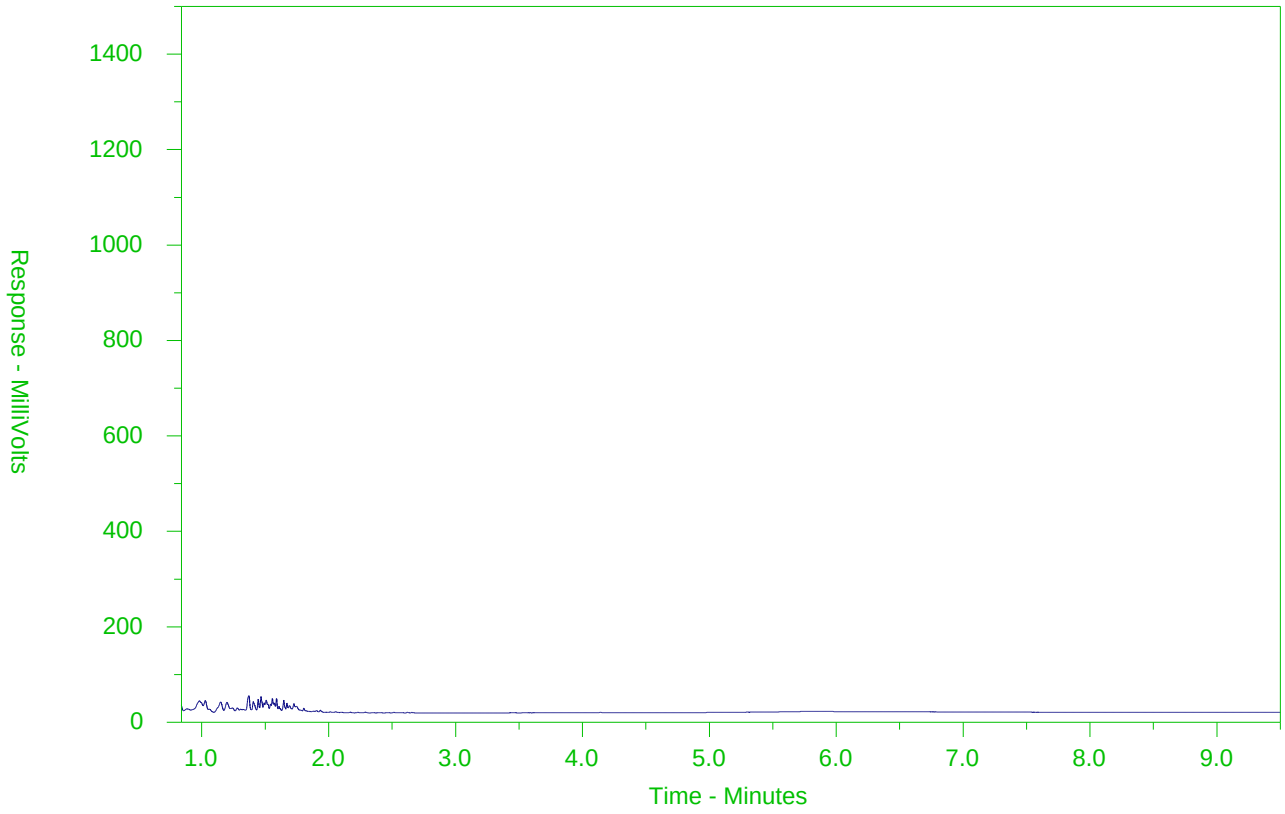
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

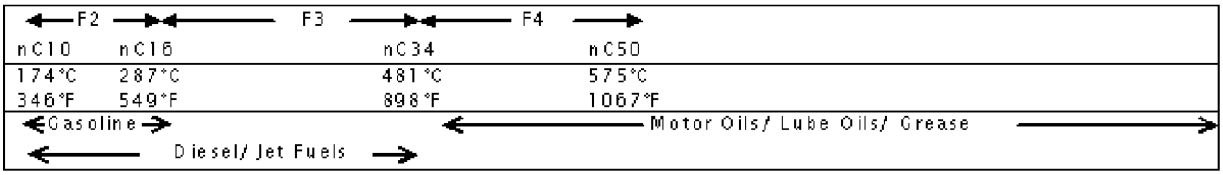
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-7
Client Sample ID: K16





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

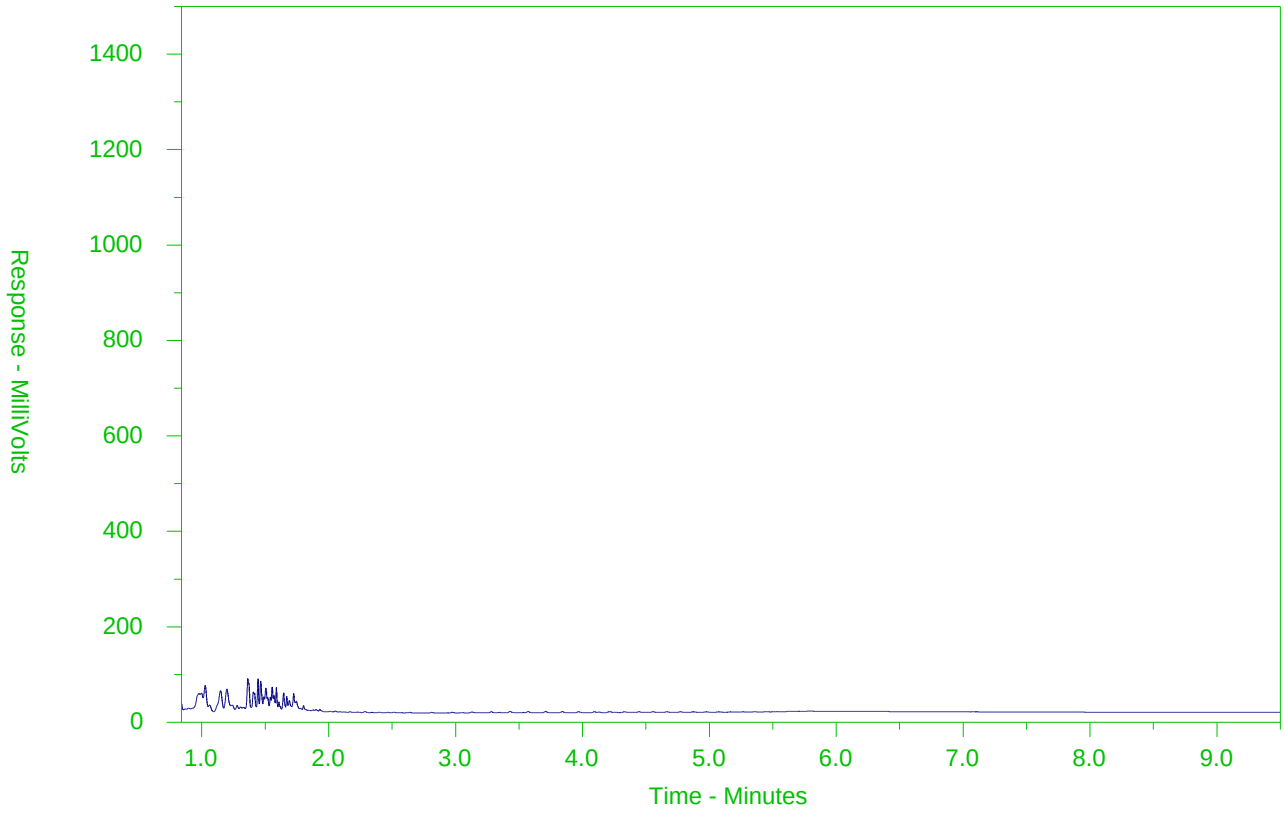
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

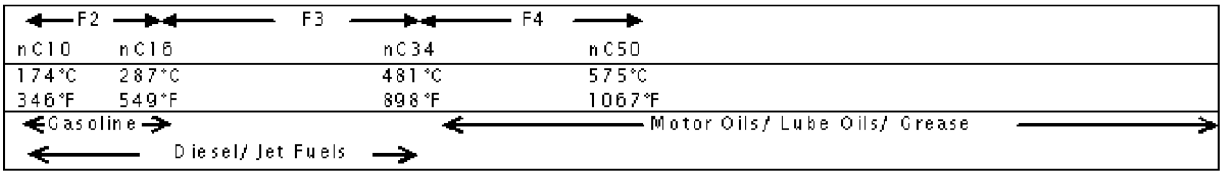
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-9
Client Sample ID: K19





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

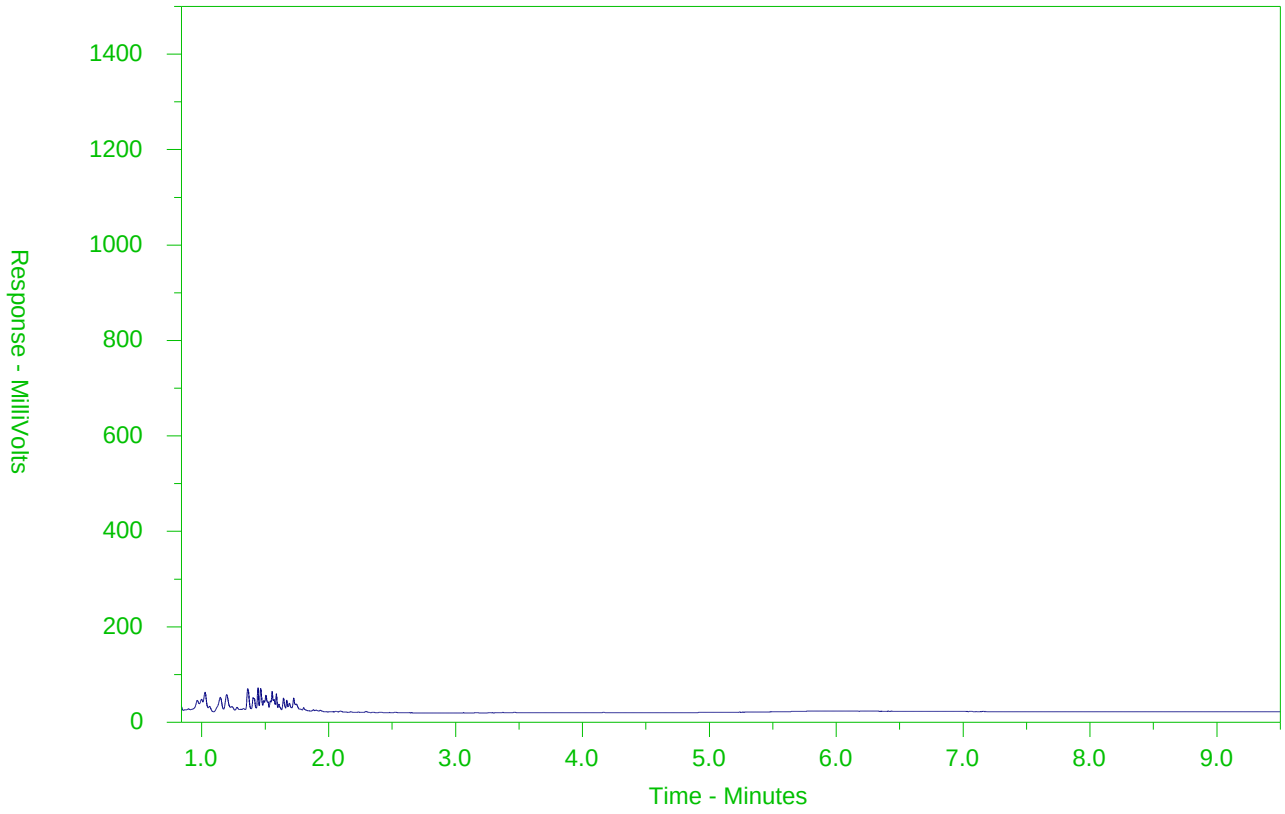
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

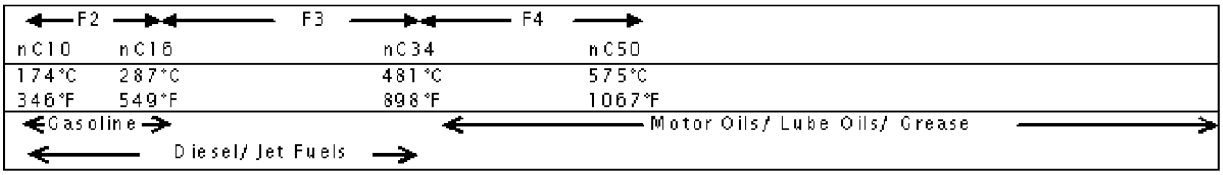
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-10
Client Sample ID: K21





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

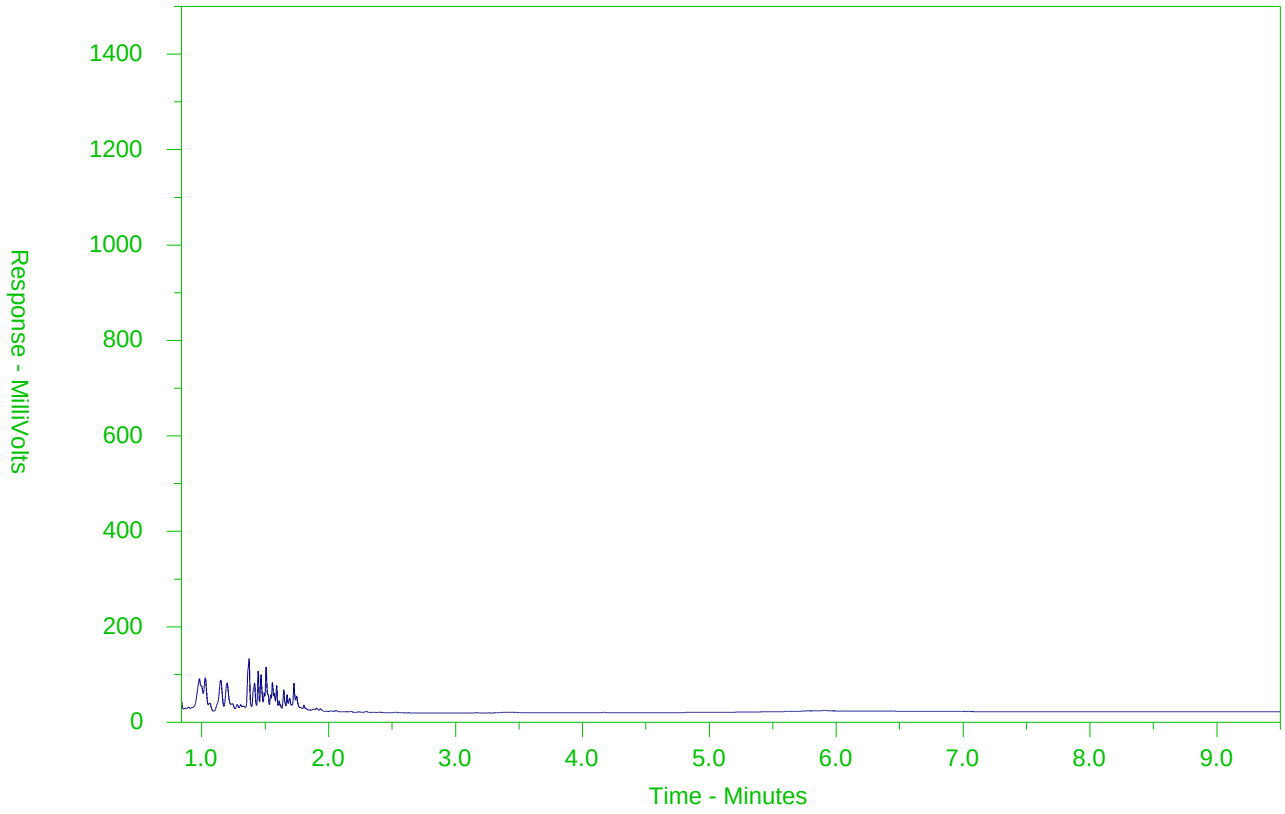
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

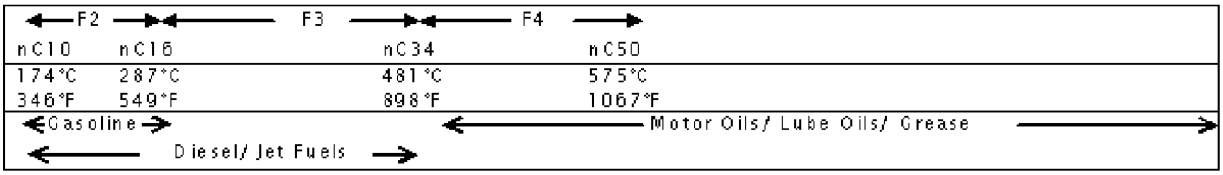
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-12
Client Sample ID: K23





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

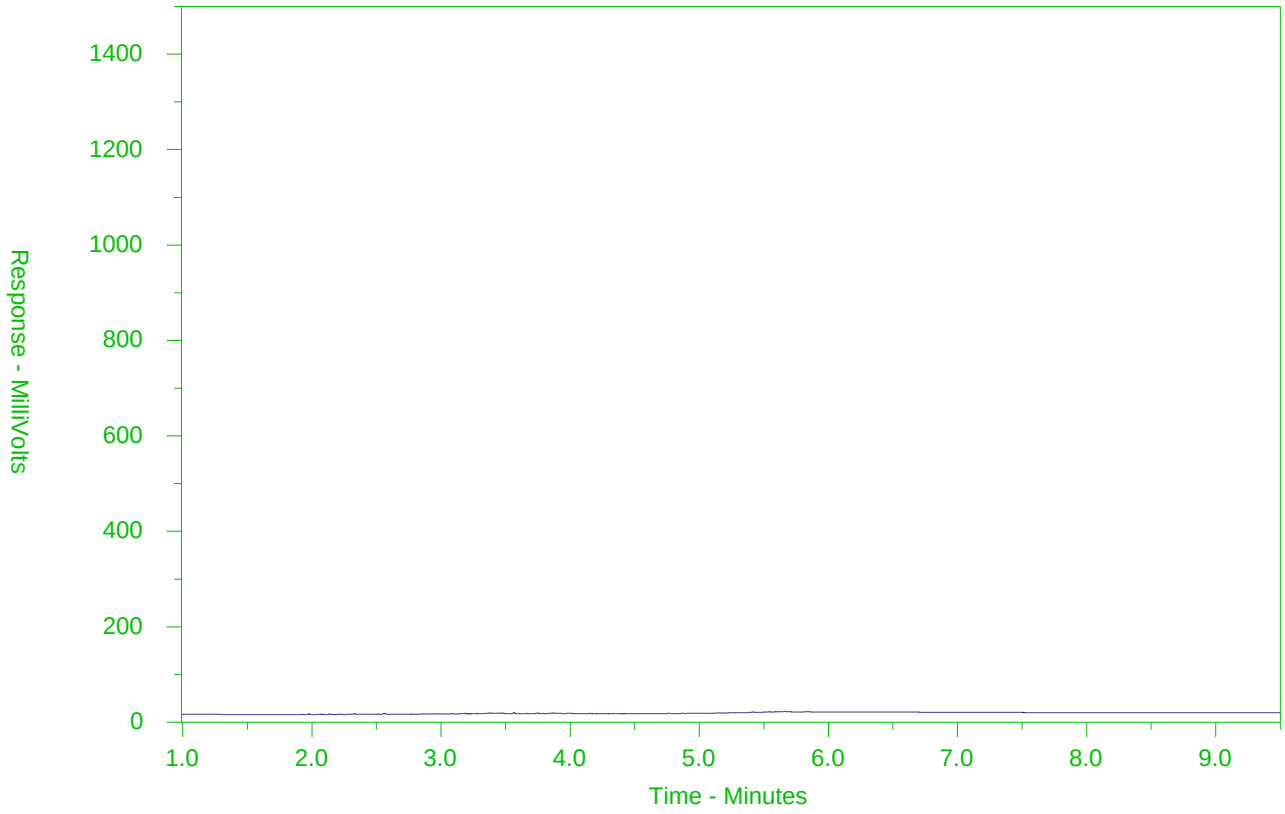
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

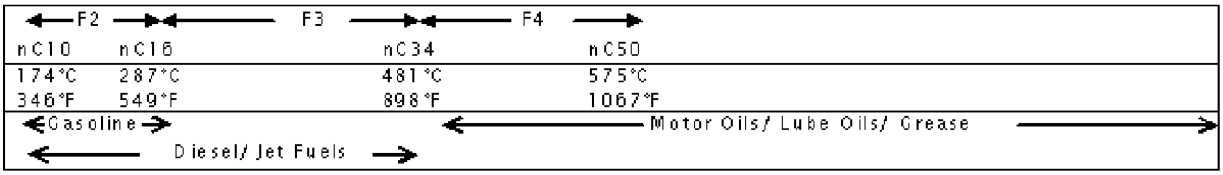
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-14
Client Sample ID: K25





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

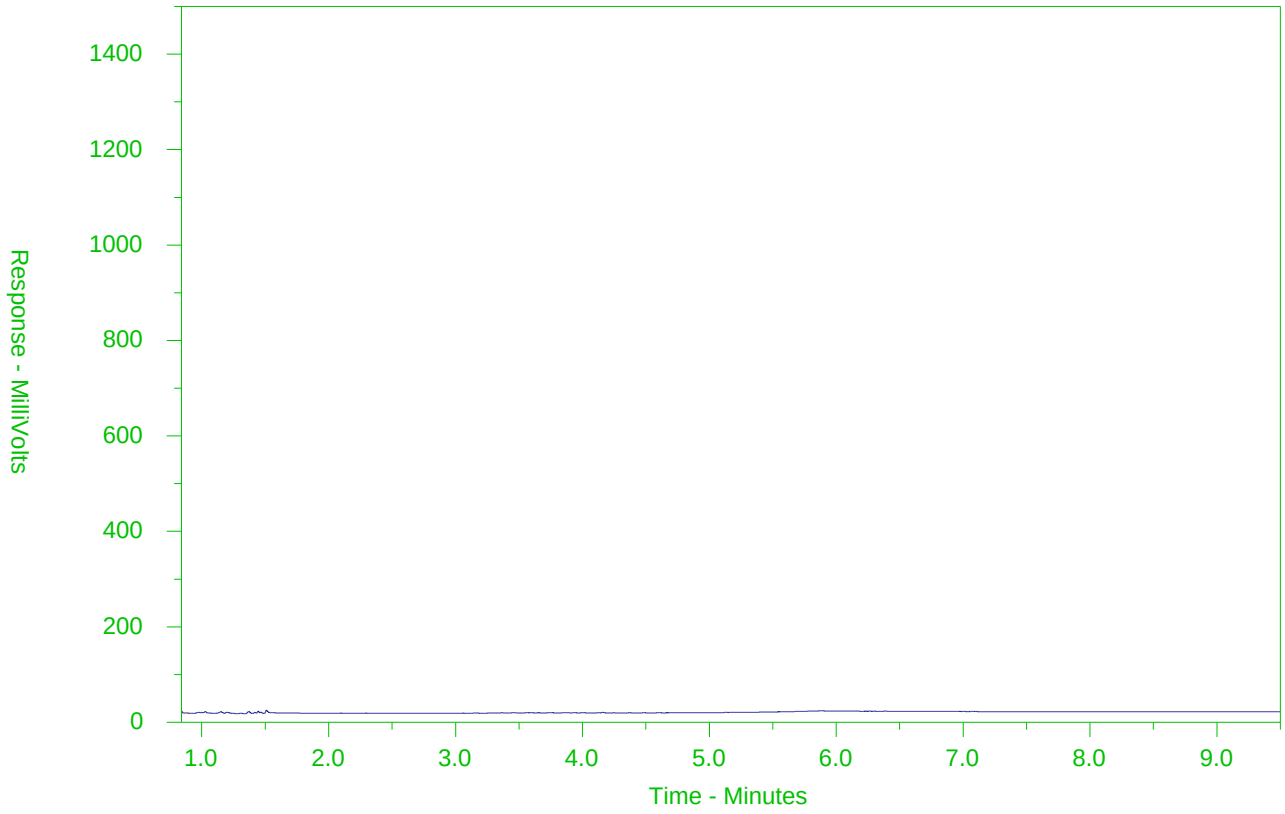
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

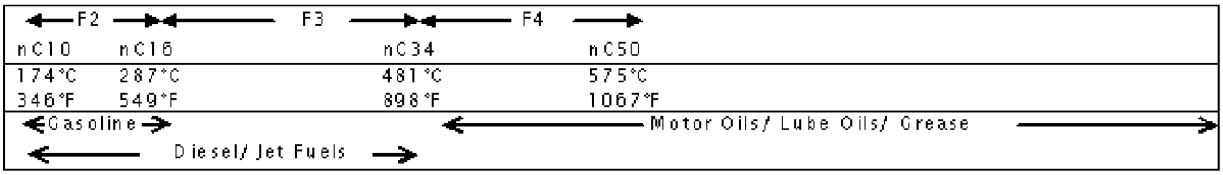
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-15
Client Sample ID: K27





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

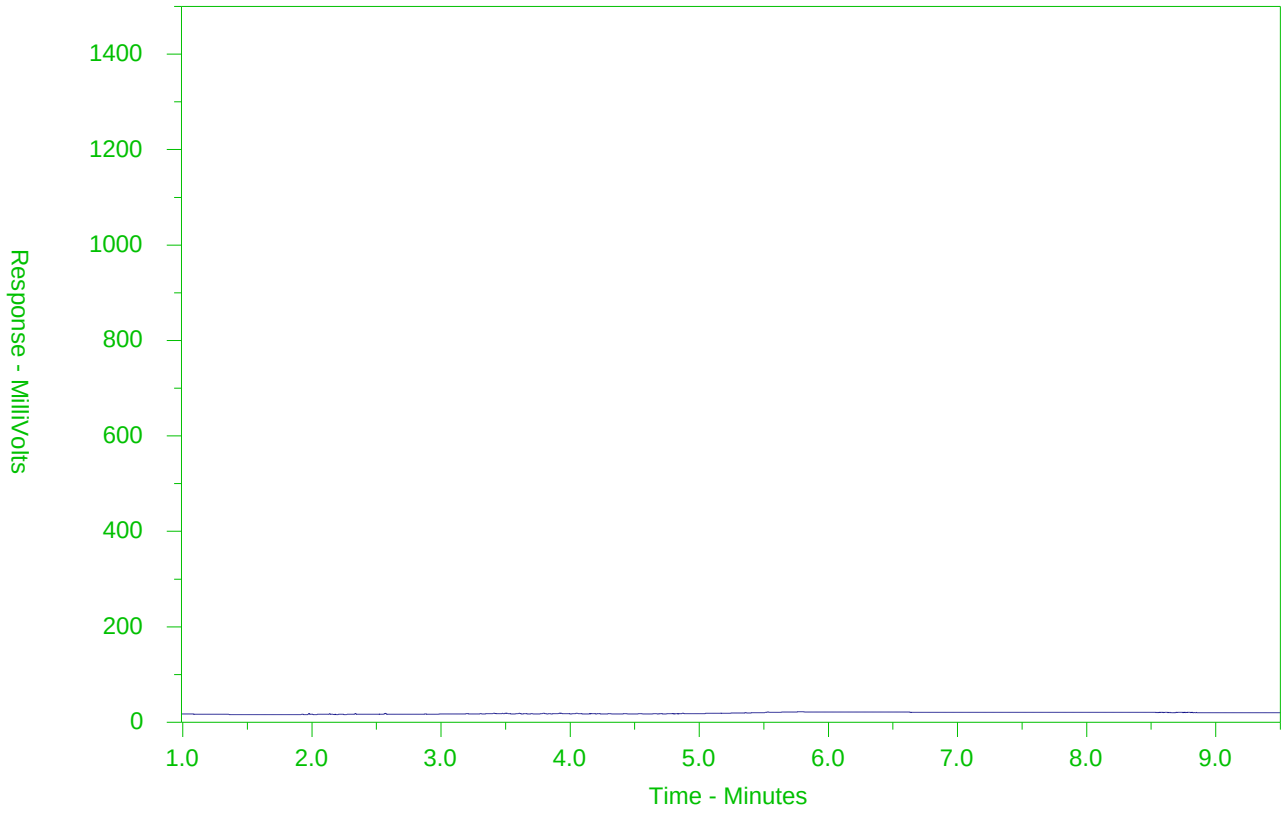
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

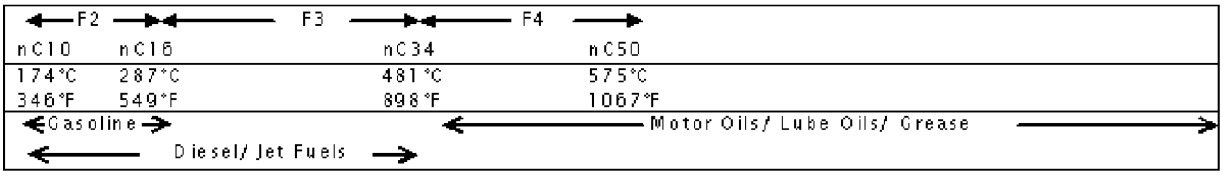
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-16
Client Sample ID: K28





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

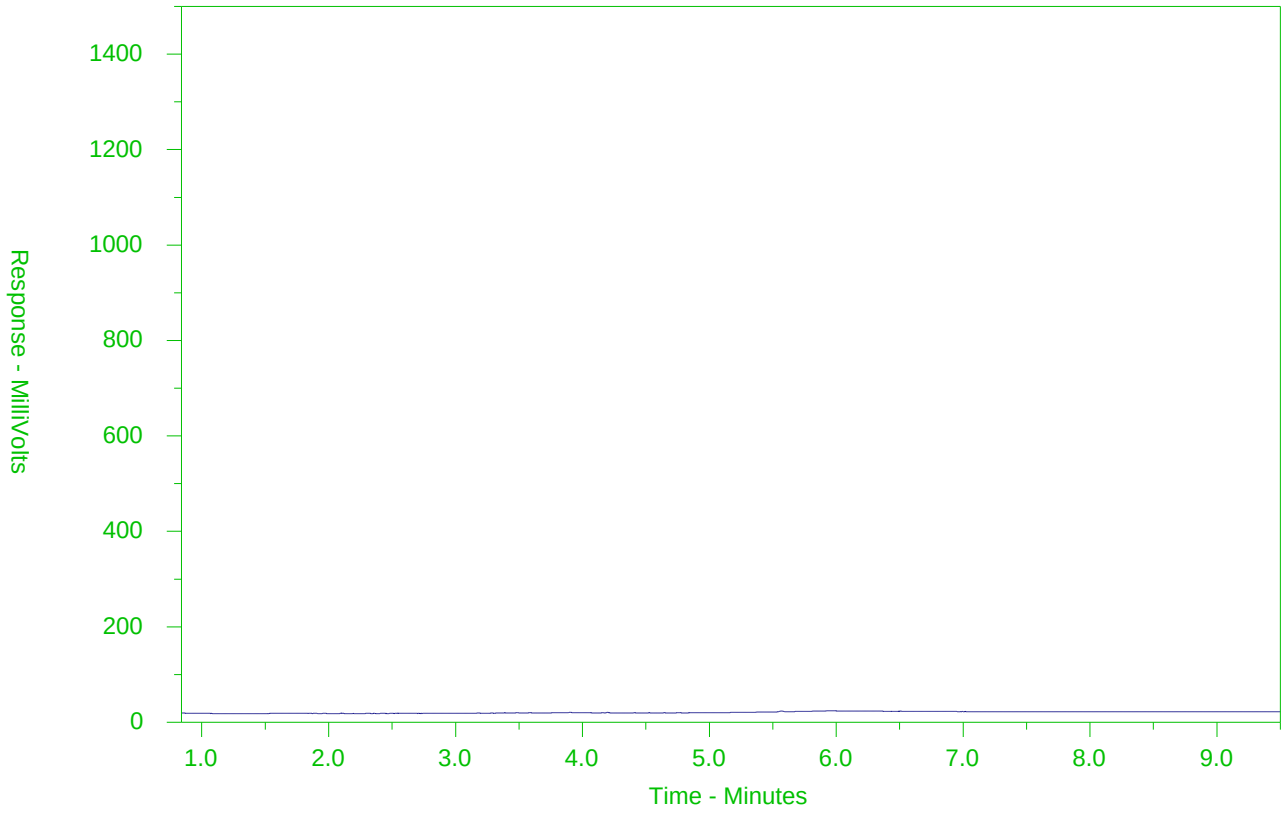
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

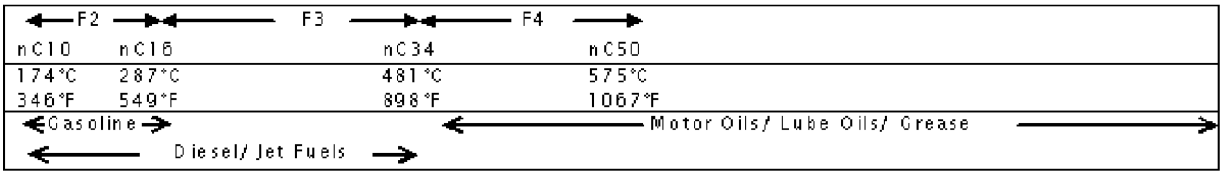
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-18
Client Sample ID: K31





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

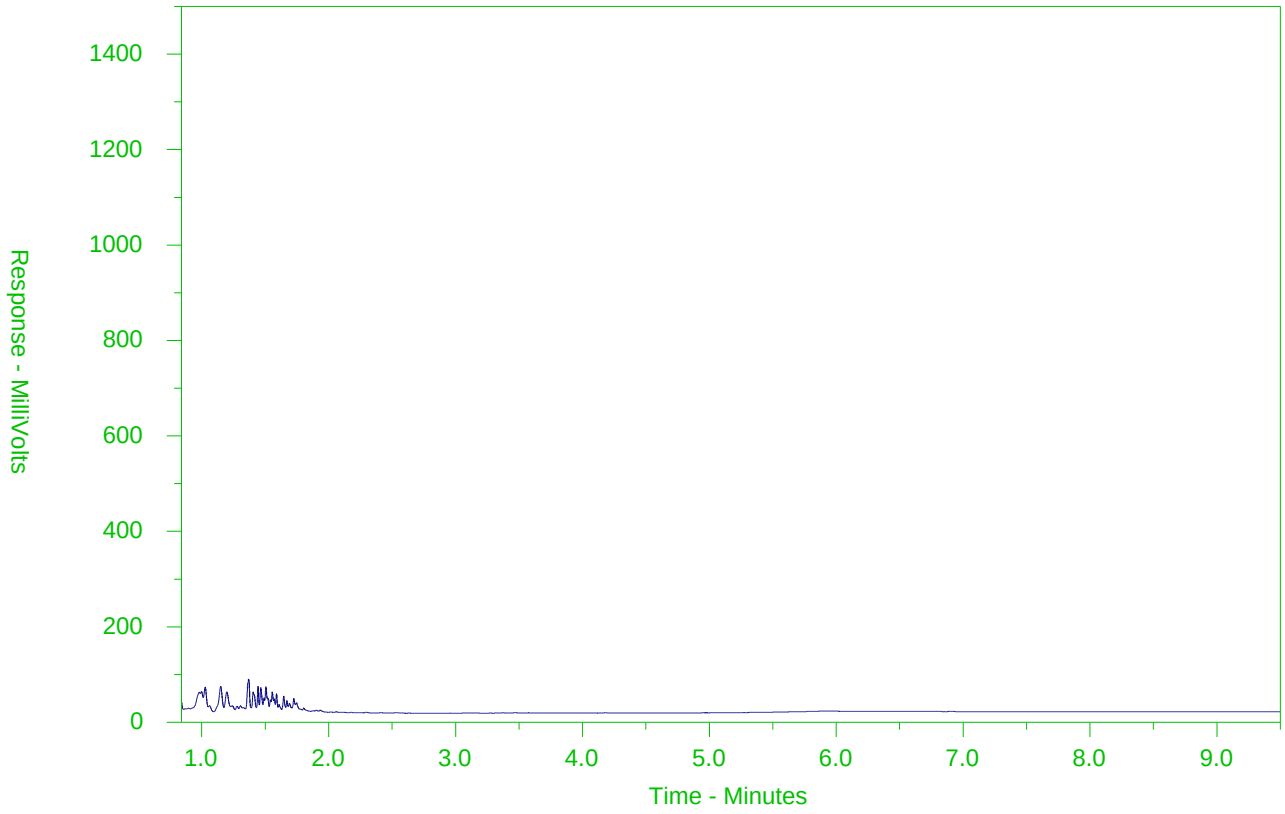
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

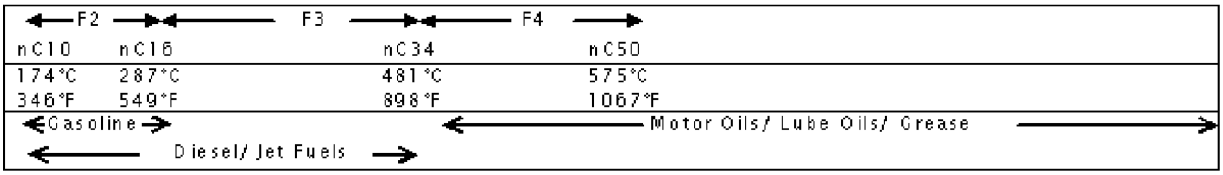
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-21
Client Sample ID: K34





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

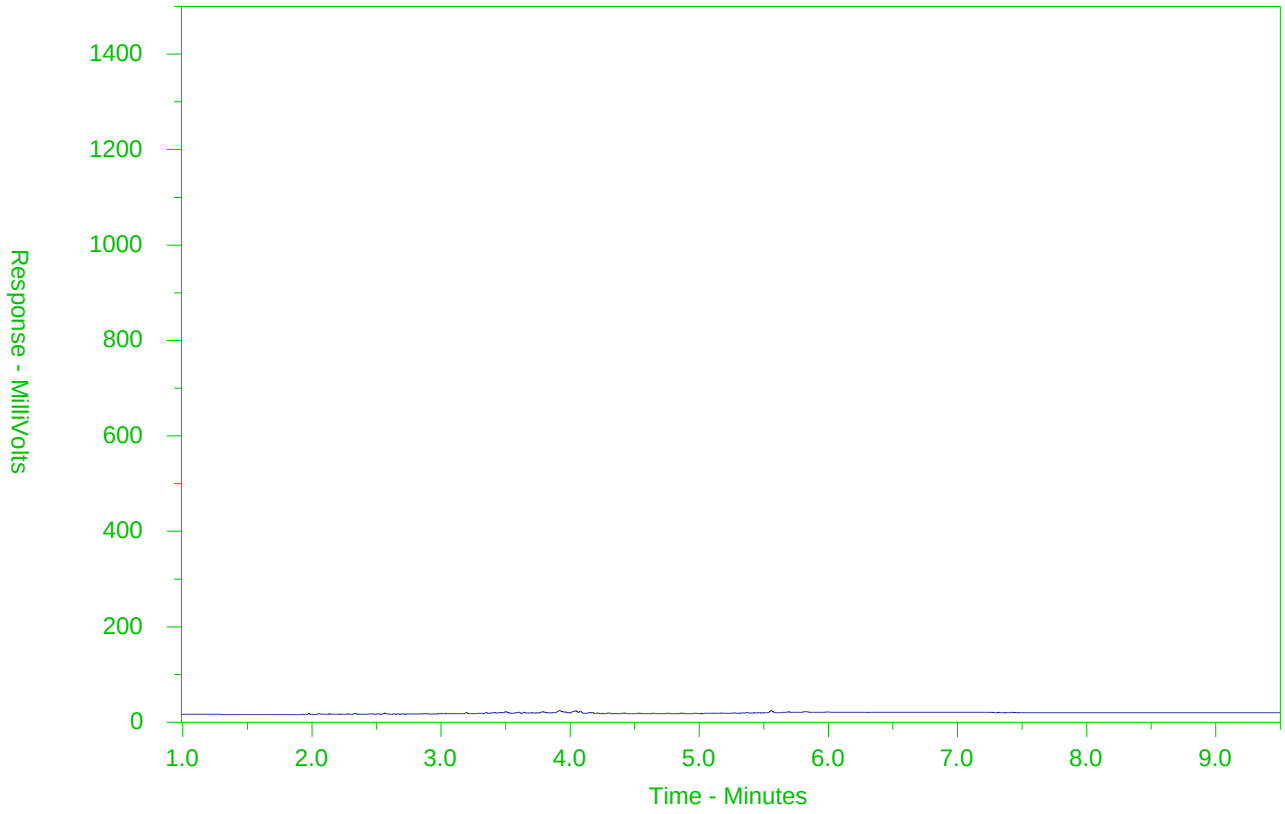
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

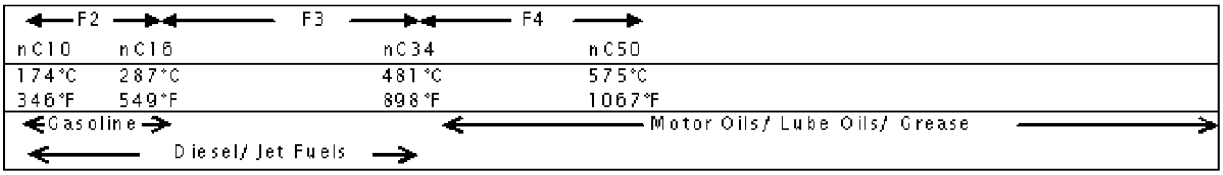
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-22
Client Sample ID: K35





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

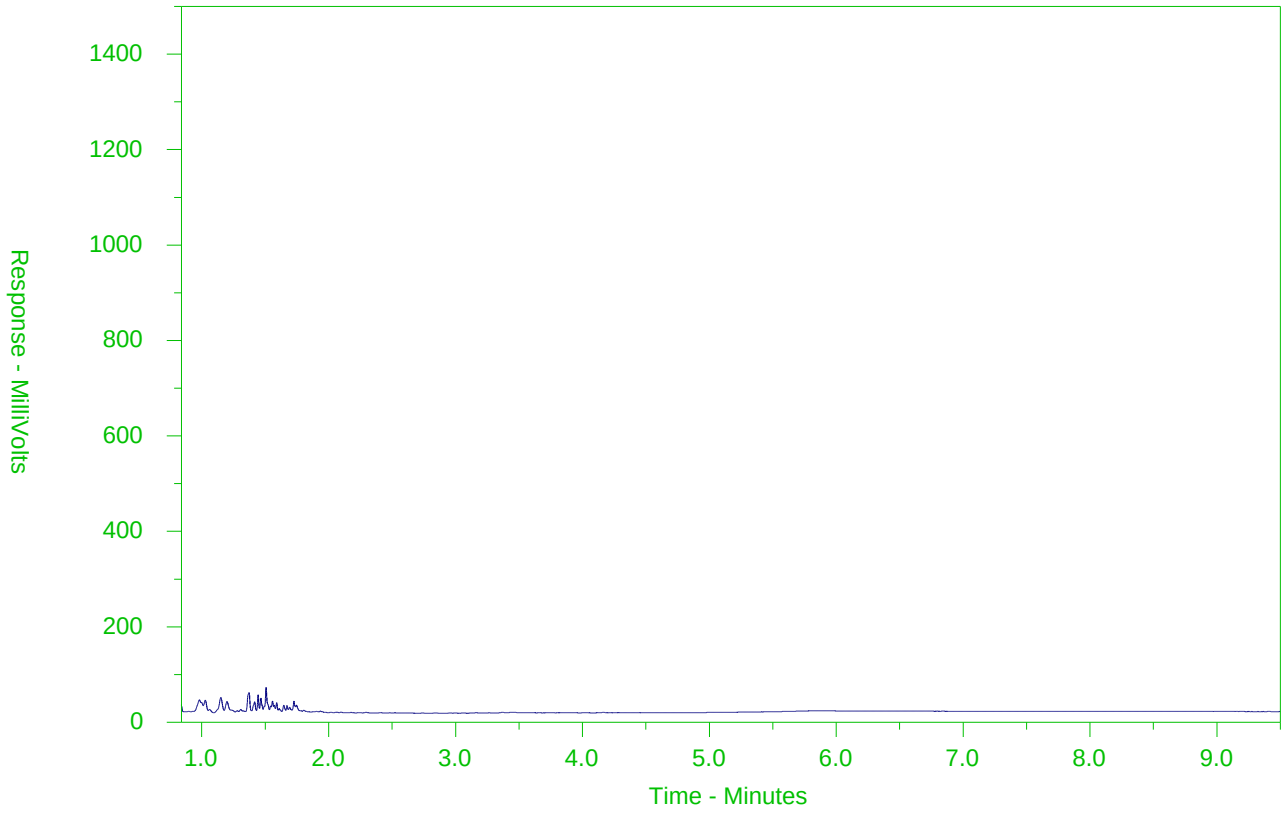
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

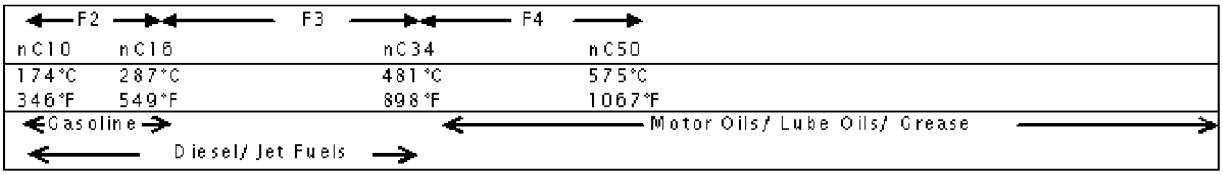
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-26
Client Sample ID: K41





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

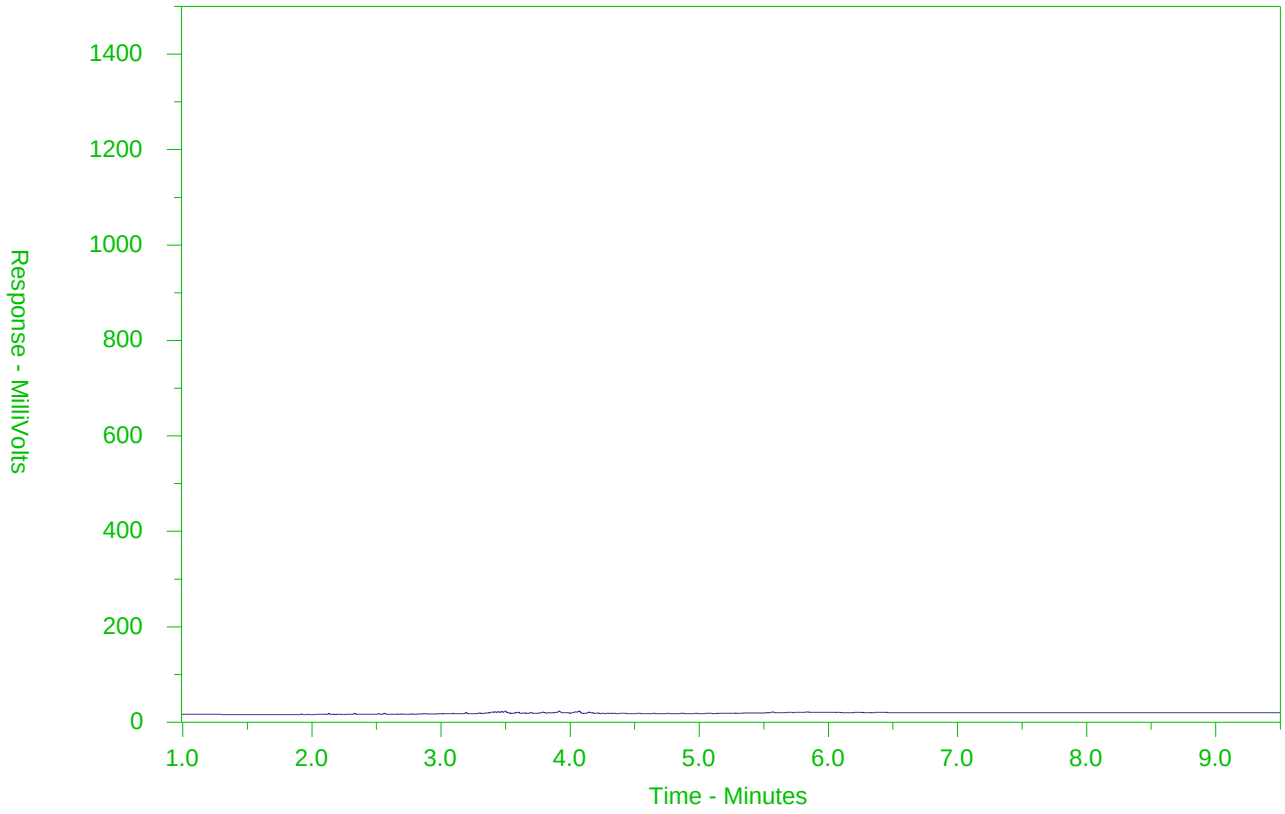
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

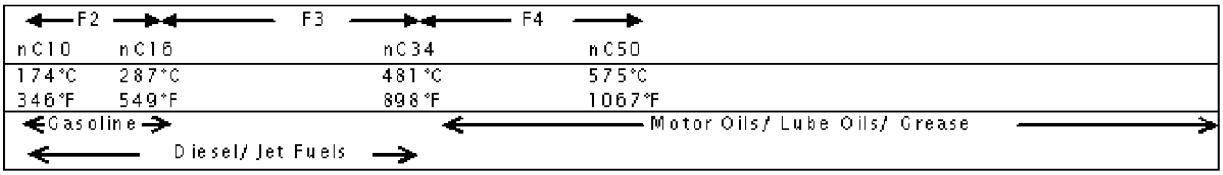
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-27
Client Sample ID: K42





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

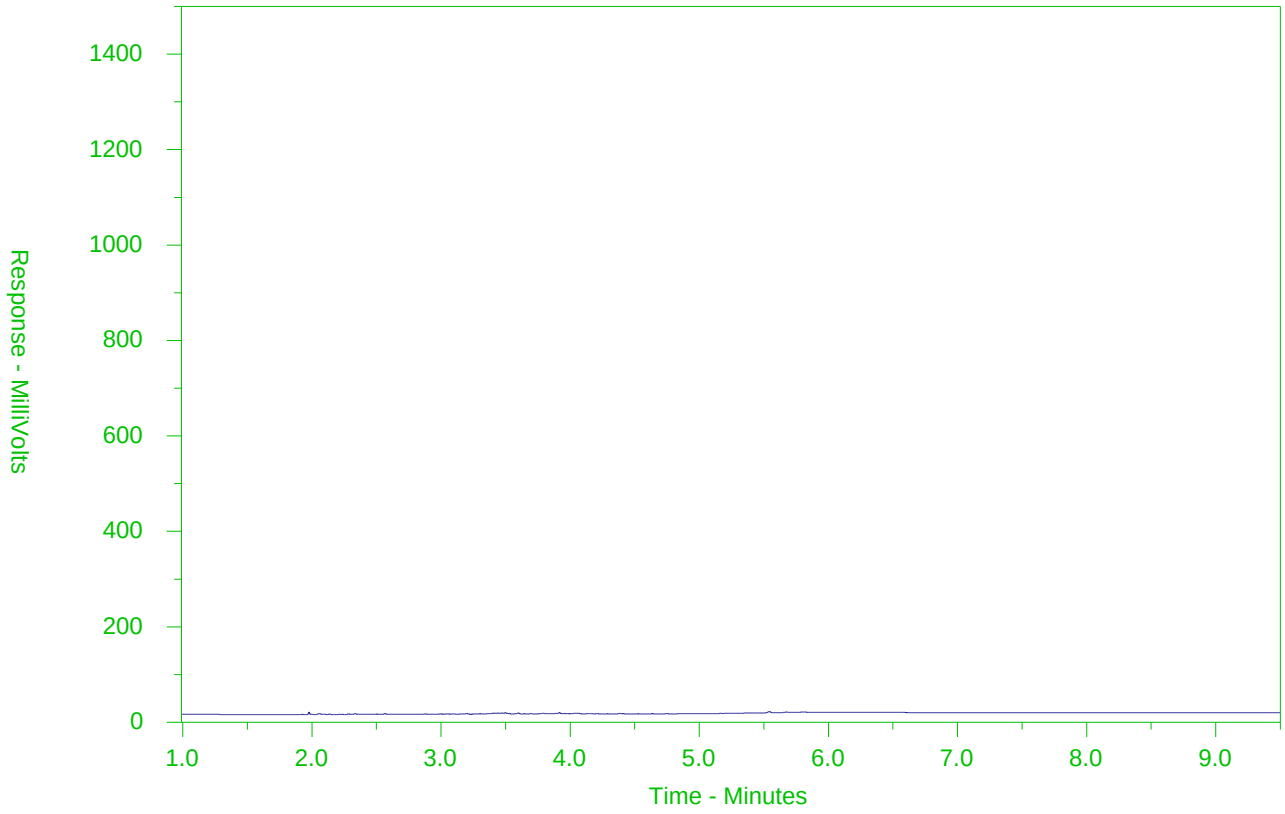
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

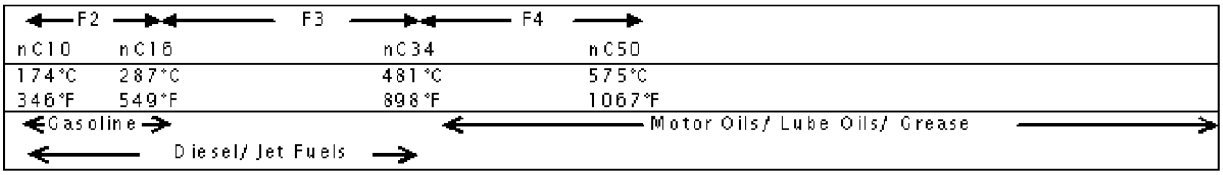
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-28
Client Sample ID: K44





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

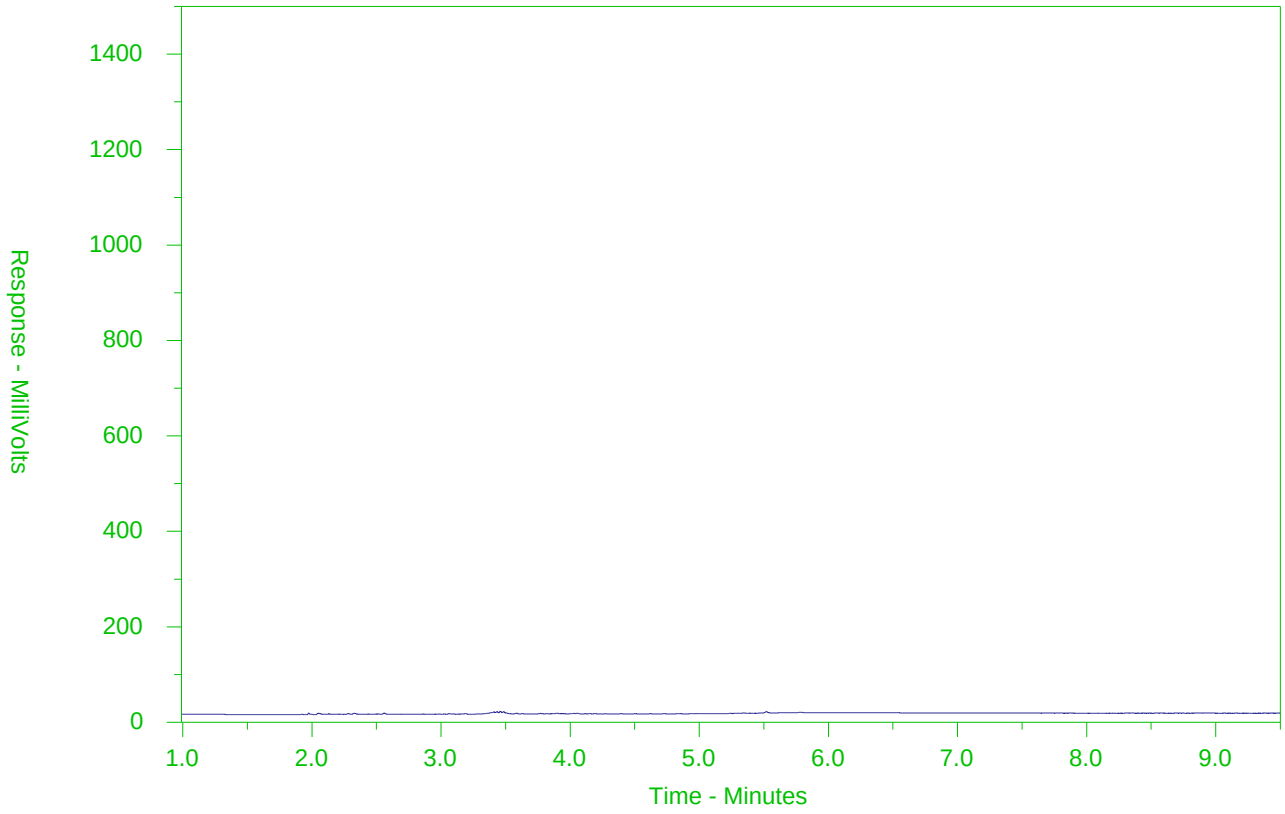
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

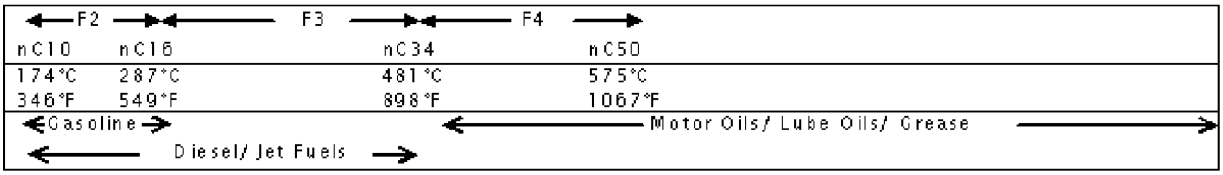
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-31
Client Sample ID: K49





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

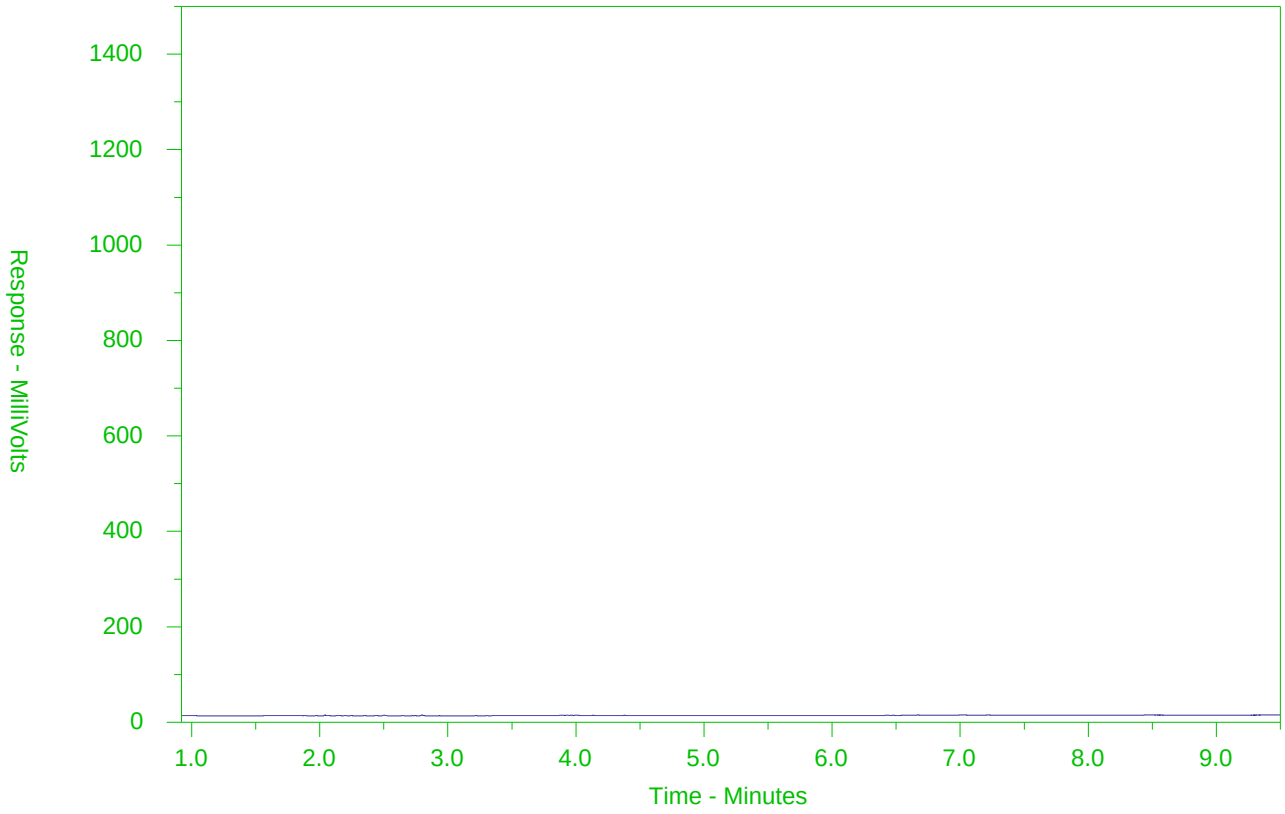
The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

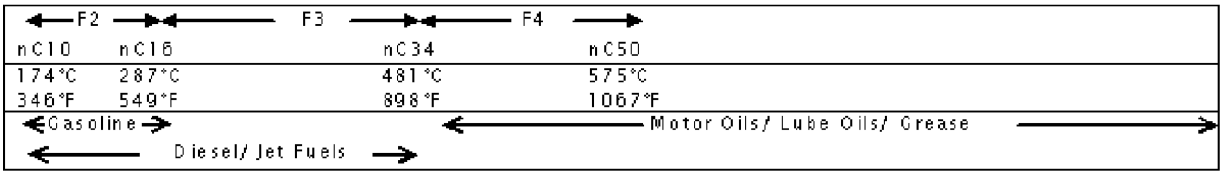
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT

ALS Sample ID: L2665237-32
Client Sample ID: K51





The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor, and the scale at left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR library can be found at www.alsglobal.com.

www.alsglobal.com

L2665237-COFC

COC Number: 20 - 962204

Page 1 of 3

Report To	Contact and company name below will appear on the final report
Company:	TALON PROJECTS INC.
Contact:	JAYNE PIZURA
Phone:	709.480.8904
	Company address below will appear on the final report
Street:	PO BOX 1720
City/Province:	ATIKOKAN ON
Postal Code:	P0T 1C0
Invoice To	Same as Report To ☒ YES ☐ NO
	Copy of invoice with Report ☐ YES ☐ NO
Company:	
Contact:	

Reports / Recipients	
Select Report Format:	☒ PDF ☒ EXCEL ☐ EDD (DIGITAL)
Merge QC/QCI Reports with COA	☐ YES ☐ NO ☐ N/A
☐ Compare Results to Criteria on Report - provide details below if box checked	
Select Distribution:	☐ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax	EXCAVATOR@TALONGEOTECH.COM
Email 2	
Email 3	

Invoice Recipients	
Select Invoice Distribution:	☐ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax	
Email 2	

Turnaround Time (TAT) Requested
☒ Routine [R] if received by 3pm M-F - no surcharges apply
☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minimum
☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum
☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum
☐ 1 day [E] If received by 3pm M-F - 100% rush surcharge minimum
☐ Same day [E2] If received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests

AFFIX ALS BARCODE LABEL HERE (ALS use only)

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

Project Information	
ALS Account # / Quote #:	W9879
Job #:	
PO / AFE:	
LSD:	
ALS Lab Work Order # (ALS use only):	

Oil and Gas Required Fields (client use)	
AFE/Cost Center:	PO#:
Major/Minor Code:	Routing Code:
Requisitioner:	
Location:	
ALS Contact:	Sampler:

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	BTEX, F1, F2-F4	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
[redacted]	K5	19/11/21		SOIL			X		
[redacted]	K8						X		
[redacted]	K9						X		
[redacted]	K10				X	X			
[redacted]	K11						X		
[redacted]	K13				X	X			
[redacted]	K16				X	X			
[redacted]	K18	20/11/21					X		
[redacted]	K19				X	X			
[redacted]	K21				X	X			
[redacted]	K22						X		
[redacted]	K23				X	X			

Drinking Water (DW) Samples[1] (client use)	Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)
Are samples taken from a Regulated DW System? ☐ YES ☐ NO	
Are samples for human consumption/ use? ☐ YES ☐ NO	

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☐ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED

Submission Comments identified on Sample Receipt Notification: ☐ YES ☐ NO

Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
9.6°C							

SHIPMENT RELEASE (client use)		
Released by:	Date:	Time:

INITIAL SHIPMENT RECEPTION (ALS use only)		
Received by:	Date: 23/11/21	Time: 11:40am

FINAL SHIPMENT RECEPTION (ALS use only)		
Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

AUG 2020 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

ALS www.alsglobal.com

L2665237-COFC

Form

COC Number: 20 - 962202

Page 2 of 3

Report To	Contact and company name below will appear on the final report
Company:	TALON PROJECTS INC.
Contact:	
Phone:	
	Company address below will appear on the final report
Street:	
City/Province:	
Postal Code:	

Reports / Recipients

Select Report Format: ☒ PDF ☒ EXCEL ☐ EDD (DIGITAL)

Merge QC/QCI Reports with COA ☐ YES ☐ NO ☐ N/A

☐ Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: ☐ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax: AS PAGE 1

Email 2:

Email 3:

Turnaround Time (TAT) Requested

☒ Routine [R] If received by 3pm M-F - no surcharges apply

☐ 4 day [P4] If received by 3pm M-F - 20% rush surcharge minimum

☐ 3 day [P3] If received by 3pm M-F - 25% rush surcharge minimum

☐ 2 day [P2] If received by 3pm M-F - 50% rush surcharge minimum

☐ 1 day [E] If received by 3pm M-F - 100% rush surcharge minimum

☐ Same day [E2] If received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests

AFFIX ALS BARCODE LABEL HERE (ALS use only)

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

Invoice To	Same as Report To ☐ YES ☐ NO
	Copy of Invoice with Report ☐ YES ☐ NO
Company:	
Contact:	

Invoice Recipients

Select Invoice Distribution: ☐ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax:

Email 2:

Project Information		Oil and Gas Required Fields (client use)	
ALS Account # / Quote #:	W9899	AFE/Cost Center:	PO#:
Job #:		Major/Minor Code:	Routing Code:
PO / AFE:		Requisitioner:	
LSD:		Location:	
ALS Lab Work Order # (ALS use only):		ALS Contact:	Sampler:

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS: BTEX, F1, F2-F4	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
[redacted]	K24	20/11/21		SOIL		X		
[redacted]	K25					X		
[redacted]	K27				X X			
[redacted]	K28					X		
[redacted]	K30					X		
[redacted]	K31				X X			
[redacted]	K32					X		
[redacted]	K33					X		
[redacted]	K34				X X			
[redacted]	K35					X		
[redacted]	K37					X		
[redacted]	K38					X		

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☐ NO

Are samples for human consumption/ use? ☐ YES ☐ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☐ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED

Submission Comments Identified on Sample Receipt Notification: ☐ YES ☐ NO

Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C	FINAL COOLER TEMPERATURES °C
9.6°C	

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (ALS use only)			FINAL SHIPMENT RECEPTION (ALS use only)		
Released by:	Date:	Time:	Received by: [redacted]	Date: 23/11/21	Time: 11:40am	Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

AUG 2020 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

ALS www.alsglobal.com

L2665237-COFC

orm

COC Number: 20 - 962203

Page 3 of 3

Report To	Contact and company name below will appear on the final report
Company:	TALON PROJECTS INC
Contact:	
Phone:	
	Company address below will appear on the final report
Street:	
City/Province:	
Postal Code:	

Invoice To	
	Same as Report To ☐ YES ☐ NO
	Copy of Invoice with Report ☐ YES ☐ NO
Company:	
Contact:	

Project Information	
ALS Account # / Quote #	WJ9879
Job #:	
PO / AFE:	
LSD:	
ALS Lab Work Order # (ALS use only):	

Reports / Recipients

Select Report Format: ☒ PDF ☒ EXCEL ☐ EDD (DIGITAL)

Merge QC/QCI Reports with COA ☐ YES ☐ NO ☐ N/A

☐ Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: ☒ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax

Email 2 AS PAGE 1

Email 3

Invoice Recipients

Select Invoice Distribution: ☐ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax

Email 2

Oil and Gas Required Fields (client use)

AFE/Cost Center:	PO#
Major/Minor Code:	Routing Code:
Requisitioner:	
Location:	
ALS Contact:	Sampler:

Turnaround Time (TAT) Requested

☒ Routine [R] If received by 3pm M-F - no surcharges apply

☐ 4 day [P4] If received by 3pm M-F - 20% rush surcharge minimum

☐ 3 day [P3] If received by 3pm M-F - 25% rush surcharge minimum

☐ 2 day [P2] If received by 3pm M-F - 50% rush surcharge minimum

☐ 1 day [E] If received by 3pm M-F - 100% rush surcharge minimum

☐ Same day [E2] If received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests

AFFIX ALS BARCODE LABEL HERE (ALS use only)

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

Analysis Request

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	BTEX, F1	F2-F4	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
[redacted]	K40	20/11/21		SOIL				X		
[redacted]	K41					X	X			
[redacted]	K42							X		
[redacted]	K44							X		
[redacted]	K45							X		
[redacted]	K46							X		
[redacted]	K49	21/11/21				X	X			
[redacted]	K50	21/11/21								

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☐ NO

Are samples for human consumption/ use? ☐ YES ☐ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☐ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED

Submission Comments identified on Sample Receipt Notification: ☐ YES ☐ NO

Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
9.6°C							

SHIPMENT RELEASE (client use)

Released by:	Date:	Time:

INITIAL SHIPMENT RECEPTION (ALS use only)

Received by:	Date:	Time:
[redacted]	23/11/21	11:40am

FINAL SHIPMENT RECEPTION (ALS use only)

Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

ALS 2020 FRONT

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1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

APPENDIX B
Permits and Letters

Manitoba
Conservation and Climate
Environmental Stewardship Division
Environmental Compliance and Enforcement Branch
1007 Century Street, Winnipeg, Manitoba R3H 0W4
T 204-945-0675 F 204-948-2338
www.gov.mb.ca/sd

Ernest Karpiak
Mountain View School Division
Box 715
Dauphin, MB R7N 3B3

January 26, 2021

Dear Mr. Karpiak:

Re: 16 Findlater Avenue, Gilbert Plains, Manitoba;
Approval under the Contaminated Sites Remediation Act

This will acknowledge receipt of the Remediation Plan for the above noted property (the site) dated January 19, 2021 and prepared by Talon Projects Inc.

This letter constitutes written authorization as specified under The Contaminated Sites Remediation Act, C.C.S.M, c. C205, s. 17.1 (1) for Mountain View School Division to proceed with the remediation of the site as described in the Remediation Plan. Any change to the Remediation Plan must be approved by the undersigned prior to initiating the change.

The site remains designated as an impacted site pursuant to The Contaminated Sites Remediation Act, C.C.S.M, c. C205 and will remain on the impacted site registry until such time the contaminant is not at a level which may pose a threat to human health or safety or to the environment.

It is requested that a Summary Report documenting the remediation is submitted to this office for review at the completion of the Remediation Plan.

It should be noted that the position of Manitoba Conservation and Climate as stated in this letter is based on the information provided to this office by Talon Projects Inc. and relates only to the matters within the scope of the Remediation Plan submitted by Talon Projects Inc.

If you have any questions regarding this letter, please contact Warren Rospad, Contaminated Sites Program Specialist at 204-330-2685 or warren.rospad@gov.mb.ca. Please note that electronic submissions are preferred for documents and correspondence.

Sincerely,

Kristal Harman
Director, Environmental Compliance and Enforcement

c. File: 79250
Wayne Pitura (Talon Projects Inc.)
Regional Supervisor

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102654

Vehicle: ///CGN462 - (///CGN462)
Cust.: MOUN001 - Mountian View School Division

GROSS: 52,540 kg 26-Jun-2021 02:27 PM
TARE: 22,130 kg 26-Jun-2021 02:43 PM
==========
NET WT.: 30,410 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		30.410 t.	1,368.45

Items: 1 Payment Method: CHARGE ACC Total: $ 1,368.45

Remark: todd tarrant

Printed: 26-Jun-2021 02:43 PM

X

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102655

Vehicle: //CHR165 - (//CHR165)
Cust.: MOUN001 - Mountian View Schoo_ Division

GROSS: 34,700 kg 26-Jun-2021 02:34 PM
TARE: 14,650 kg 26-Jun-2021 02:47 PM
==========
NET WT.: 20,050 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		20.050 t.	902.25

Items: 1 Payment Method: CHARGE ACC Total: $ 902.25

Remark: todd tarrant

Printed: 26-Jun-2021 02:47 PM

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102663

Vehicle: ////CHR165 - (////CHR165)
Cust.: MOUN001 - Mountian View School Division

GROSS: 38,230 kg 26-Jun-2021 03:50 PM
TARE: 14,860 kg 26-Jun-2021 04:10 PM
NET WT.: 23,370 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		23.370 t.	1,051.65

Items: 1 Payment Method: CHARGE ACC Total: $ 1,051.65

Remark: todd tarrant

Printed: 26-Jun-2021 04:10 PM

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102666

Vehicle: //CGCB29 - (//CGCB29)
Cust.: MOUN001 - Mountian View School Division

GROSS: 22,120 kg Manual Weight 28-Jun-2021 08:30 AM
TARE: 10,450 kg Manual Weight 28-Jun-2021 08:31 AM
==========
NET WT.: 11,670 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		11.670 t.	525.15

Items: 1 Payment Method: CHARGE ACC Total: $ 525.15

Remark:

Printed: 28-Jun-2021 08:31 AM

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102667

Vehicle: //CHR165 - (//CHR165)
Cust.: MOUN001 - Mountian View School Division

GROSS: 42,080 kg Manual Weight 28-Jun-2021 08:32 AM
TARE: 14,770 kg Manual Weight 28-Jun-2021 08:33 AM
==========
NET WT.: 27,310 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		27.310 t.	1,228.95

Items: 1 Payment Method: CHARGE ACC Total: $ 1,228.95

Remark:

Printed: 28-Jun-2021 08:33 AM

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102668

Vehicle: //PDC373 - (//PDC373)
Cust.: MOUN001 - Mountian View School Division

GROSS: 24,750 kg Manual Weight 28-Jun-2021 08:34 AM
TARE: 14,200 kg Manual Weight 28-Jun-2021 08:34 AM
NET WT.: 10,550 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		10.550 t.	500.00

Items: 1 Payment Method: CHARGE ACC Total: $ 500.00

Remark:

Printed: 28-Jun-2021 08:34 AM

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102669

Vehicle: //CGN462 - (//CGN462)
Cust.: MOUN001 - Mountian View School Division

GROSS: 60,500 kg Manual Weight 28-Jun-2021 08:35 AM
TARE: 22,760 kg Manual Weight 28-Jun-2021 08:35 AM
NET WT.: 37,740 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		37.740 t.	1,698.31

Items: 1 Payment Method: CHARGE ACC Total: $ 1,698.31

Remark:

Printed: 28-Jun-2021 08:36 AM

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102664

Vehicle: ////CGN462 - (////CGN462)
Cust.: MOUN001 - Mountian View School Division

GROSS: 55,620 kg 26-Jun-2021 03:43 PM
TARE: 22,290 kg 26-Jun-2021 04:14 PM
==========
NET WT.: 33,330 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		33.330 t.	1,499.85

Items: 1 Payment Method: CHARGE ACC Total: $ 1,499.85

Remark: todd tarrart

Printed: 26-Jun-2021 04:14 PM

Dauphin

Waste Scale Ticket / Sales Receipt

Ticket #: 00102665

Vehicle: //CGS112 - (//CGS112)
Cust.: MOUN001 - Mountian View School Division

GROSS: 29,830 kg Manual Weight 28-Jun-2021 08:28 AM
TARE: 13,140 kg Manual Weight 28-Jun-2021 08:29 AM
==========
NET WT.: 16,690 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		16.690 t.	751.06

Items: 1 Payment Method: CHARGE ACC Total: $ 751.06

Remark:

Printed: 28-Jun-2021 08:29 AM

Waste Scale Ticket / Sales Receipt

Ticket #: 00102670

Vehicle: //CGS122 - (//CGS122)
Cust.: MOUN001 - Mountian View School Division

GROSS: 30,480 kg Manual Weight 28-Jun-2021 08:36 AM
TARE: 13,020 kg Manual Weight 28-Jun-2021 08:37 AM
NET WT.: 17,460 kg

Item	Code	Description	Qty	NetWt*	$ Charge
1.	2500	CONTAMINATED SOIL (INCLUDES TESTING &		17.460 t.	785.71

Items: 1 Payment Method: CHARGE ACC Total: $ 785.71

Remark:

Printed: 28-Jun-2021 08:37 AM