



Emergency Response and Training Solutions

February 18, 2013

Department of Conservation
Environmental Compliance and Enforcement Division
28-59 Elizabeth Dr.
Thompson, MB R8N 1X4

Re: Corrective Action Final Report

**Greyhound
Diesel Fuel Release**

**81 Berens Rd
Thompson, Manitoba**

**Ministry of Environment Number 1012312012
ERTS Project Number 10232012THMA9518**

Dear Jeff Fountain,

The following serves as the final report detailing the emergency response and corrective actions taken in response to the incident that occurred October 23, 2012, at the above mentioned location.

Incident Background:

On October 21, 2012, a Greyhound employee was filling up a bus and apparently over filled the tank releasing approximately 172 liters onto the asphalt and soil parking lot. The diesel fuel impacted an area of soil ~ 5'W by 16'L. No storm drains or waterways were impacted by the release.

Emergency Response:

On October 23, 2012, Greyhound contacted Emergency Response and Training Solutions (ERTS) was contacted to manage and oversee the environmental operation. ERTS dispatched Clean Harbors to the site to perform remediation activities.

Regulatory Notification:

Pursuant to Manitoba regulations, ERTS notified the Manitoba Department of Conservation of the incident. Jeff Fountain provided tracking number 1012312012 for the incident.

Corrective Action:

On November 1, 2012, Clean Harbors, AMEC, and Smook Contractors arrived onsite to complete remediation activities. Shortly after excavation activities commenced, they were halted at a depth of 6" due to a concrete pad. Per discussion with Clean Harbors and AMEC, the concrete pad will not be excavated. Soil confirmation samples were obtained from AMEC, at the side walls and from the bottom of the excavated area. The area was then backfilled and graded back to its original condition. Please see the attached contractor narrative in (Appendix 1). Please see attached analytical results in (Appendix 2).

Waste Disposal:

On November 1, 2012, approximately 23.3 tons of diesel contaminated soil was transported to and disposed of at LGD Mystery Lake Landfill located in Thompson, Manitoba. Please see the attached disposal documentation (Appendix 3).

Conclusion and Recommendations:

No evidence was found to suggest any significant environmental impact remains on the site following corrective action. ERTS recommends that the incident be closed and no further assessment is needed.

ERTS and Greyhound appreciate your assistance in this matter. If you have any questions regarding this project, please do not hesitate to contact me at (440) 34--2700 ext. 313.

Respectfully,
Emergency Response and Training Solutions

Clay Krasuna
Project Manager

Appendix 1

Contractor Narrative

Thompson, Manitoba Diesel Spill-Greyhound Bus Lines.

Tuesday October 30, 2012

8:00- Arrival on site 81 Berens Rd. Thompson. Met with shop foreman for Greyhound, Daryl. Located the area where spill occurred. Daryl informed me that the spill occurred in the evening on Monday of the previous week, it was not reported to him at that time. He had discovered it on the Tuesday morning and immediately reported it to local Fire Dept. The spill was caused by a fuel pump that was left unattended and had fallen out of the coach while still engaged, causing it to leak all over the ground. Daryl estimated total quantity spilled to be approx 200 liters. When the spill occurred, it was sunny out with no snow. Upon arrival, the site is now covered in snow and ice. Temperature -2C.

8:15-Started an assessment of the area. I setup the 5 gas monitor to verify that no LEL's or VOC's were present in the area. Monitor readings all zero. I then did a walk around of entire site to try and determine the total area that would need to be decontaminated. I asked Daryl to show me where the diesel fuel had collected or run off. While doing this I realized that the parking lot had an asphalt base rather than granular as first thought. The driveway leading into the back of the lot had a slight down slope which may have let some of the diesel run off to the road behind the property. The driveway was packed gravel which could have absorbed some of the fuel. Due to the snow that had fallen it also made it difficult to see exactly where the fuel may have collected. Took some initial pictures of site before excavation.

8:50-Manitoba Hydro on site to locate underground facilities. Informed that all hydro owned lines are located behind the building and not in the affected area. While doing this we noticed that there could be a buried line used to power the fuel pump and lights, which may run through our excavation area. I had asked hydro if they could locate that line for us, but was told due to liability issues, they can only locate their own lines. Informed Daryl and the Clean Harbors office of this, and tried to locate a drawing or find a private line locator in town.

9:30-Placed oil select absorbent pads(white) on the ground to try and collect and loose liquid.

10:18-Smook contractors on site to look at the area, and decide what kind of equipment to use. After having a look at area, he notified me that he would have his equipment foreman come out to site to determine the proper equipment.

10:25-Update Clean Harbors office as to how things are proceeding.

11:00-Stitco on site to locate and gas lines in the area. All gas lines running on other side of street, the greyhound property has no lines running on or to their property.

11:22-On standby waiting for instructions from ERTS and Clean Harbors on how to proceed, take this time to talk with Daryl and inform him of current status.

12:00-MTS on site to locate communication lines. All lines running behind building parallel to hydro and will not be affected.

12:10-Blocked access to pump area to try and prevent further spreading of diesel fuel on ground from vehicles driving over area. Notified Daryl that pump was not in service and asked if he could find other arrangements for fuelling. They would be using Petro-Can card lock across street from Greyhound.

12:30-Contacted Jeff Fountain from Manitoba Conservation to update him on the progress of the cleanup. He stated he was not in the loop and was unaware that we would be digging the following day, he told me to proceed with the cleanup and that he would contact ERTS for an update. Stated he would not be attending the site, as he was occupied with other work.

1:30- Currently on standby awaiting further instructions from ERTS.

2:30-Notified Daryl that we would like to proceed with excavation tomorrow morning, but waiting to hear from ERTS for the go ahead.

3:10-Notified everyone that I was leaving site for the night and would be back first thing Wed morning.

Wednesday October 31, 2012

8:00-On site. Due to warmer temperatures overnight, there had been a significant rain fall, and snow melt, causing some of the contaminants to wash away. Placed pads in low spots to possibly absorb any loose liquid. Jason from Smook Contractors arrives on site to see if we were good to proceed. I let him know I was just waiting to hear from ERTS. He tells me that they will be using a hoe to excavate the area, and have a tandem end dump to haul the contaminated snow/gravel away.

8:50-Contact Clean Harbors for update on proceeding. No word from ERTS as of yet.

9:00-Jason lets me know they have a few other jobs going that they need to get done, I let him know that we will be awhile getting things sorted out, and he could probably head out to the next job, I would contact him when I hear more.

10:00-Talk with Clean Harbors, told that ERTS has given the ok to proceed with the excavation. Update Daryl that we have been given the ok, and would be starting the excavation on Thursday morning.

11:00-2:00-On standby. Monitoring site to see if any free flowing oil is pooling in low areas.

2:00-Go to hotel to send photos of site to Clay at ERTS, and Clean Harbors.

2:15-Receive call from ERTS, they have noticed that the asphalt is still in good condition, and should not be ripped up. Instead we should absorb any fuel oil that is on the ground, and do a small excavation of the gravel area in front of the pump. With new plan decided I then marked off the new excavation area, which would be 5'W x 16'L and 12" deep.

2:25-Inform Clean Harbors of the new cleanup plan, and let them know that I would have to purchase more absorbent pads, to try and collect any free oil.

2:45-Head over to Acklands to purchase absorbents. From there I headed over to Smook to give them an update on how we would be cleaning the site. They said no problem and would arrive on site at 8:30 Thursday morning.

3:00-Notified Daryl that we would be clearing the contaminated snow, and would then start digging the gravel area in front of the pump to a depth of 1 foot. He agreed that would be best, and would notify his boss in Winnipeg.

4:00-Hand shoveled a trench in the lot to try and collect free oil, that may still be left in the area. Put absorbent pads down in the trench to try to contain and absorb the oil. Then used delineators to mark the dig zone.

5:00-Notified all parties that I would be offsite for the night, and would be returning following morning

Thursday November 1, 2012

8:00-On site. Temperature dropped to -16C overnight causing the ground to freeze. All liquid frozen. Jason from Smook on site.

8:30-Did final walkthrough with Daryl to ensure we would be cleaning the correct area. I notified him that we would be blocking off access from the back of the parking lot while we were excavating, and that he would have to use front access for any buses coming or going from the site.

8:45-Call Winnipeg for an update as to any changes in the plan. Waiting to hear from ERTS about the waste disposal. Clean Harbors would not be handling the waste side.

9:00-Tandem End Dump arrives on site. Subcontracted by Smook.

9:30-Operator and Track Hoe on site. Talk with Jason from Smook about the hauling to the disposal site. He says he is not sure of what was happening and thought Clean Harbors would be looking after it. Made call to Clean Harbors to try and figure out the disposal issue.

9:40-Put call into Clay at ERTS to see if he had any info on how we would be handling the waste. He notified me that he was waiting on calls from his supervisor, and would have an answer for me shortly.

10:00-Waiting for Brad from AMEC to arrive on site.

10:30-Still working on finding out about the disposal.

10:40-Brad's flight had been delayed and he should be arriving on site shortly.

10:45-Smook starting to clear the contaminated snow from the spill area. I took pictures, and started traffic control at this time to ensure no one entered the area, while we were working.

11:00-Cleared the area of contaminated snow and ice. Notified by Smook, that they would be handling the disposal part of job, and that they would begin filling the dump truck and hauling the contaminated snow and ice to the landfill.

11:30-Dump truck loaded and heading to Landfill site. Smook operator starts excavation in front of pump.

12:00-Brad (AMEC) arrives on site.

12:10-Give Brad the rundown of the site, and let him know what we are doing, and where the excavation will be done. Give him the details of how the spill occurred, and what our remediation plan is.

12:30-Continuing to excavate site. Jeff Fountain from Mb Conservation arrives on site. While talking to him he notifies me that he feels we are excavating the wrong area and he thinks we should stop and he will contact the fire dept (they were the initial responders) to see where the fuel had leaked and ran. Jeff then leaves site and plans to return with fire chief.

12:50-Talk to Daryl to discuss what Jeff had brought up, he disagrees and tells me we are digging the right area. He makes a call to fire dept himself, and they tell him they would not be attending site, unless there was a hazard present at the location. Operator from Smook notifies me that underneath the gravel is a concrete pad. I put call into Clean Harbors, and ERTS to let them know that we had hit concrete at 6" depth and would not be digging any further. ERTS agreed and said not to remove the concrete.

1:00-Job stops while everyone takes lunch.

1:30-Talk with Ron to update him on what is happening at site. Let him know that I would fill him in when Jeff returns.

1:55-Jeff arrives back at site with another environmental officer. At this time he directs his conversation to AMEC, and notifies him that he will be in charge of the site. He also states the fire chief will not be attending the site. Brad and Jeff feel that a different area should be excavated, and Brad starts to sample other areas, and asks that Smook stop what he is doing. Jeff then went inside to talk with Greyhound.

2:10-Jason from Smook notifies me that he would prefer I give the orders to his operator, as opposed to Brad to avoid confusion. I let Brad from AMEC know that I am in charge of the site, and that we have a plan in order and we would be following that plan.

2:30-Daryl and the employee who caused the spill come out to show us where the spill happened and where he feels the diesel may have ran. He agrees with the area we are excavating but feels we don't need to go as far back towards the road as we are, and suggests we maybe go wider. I let him know that we could not go any further as there is concrete and there would be no reason to start removing the concrete.

2:40-Jeff returns from meeting with Greyhound, he notifies that Greyhound agrees with our plan, but that he feels we should excavating a bigger area, and the job should be led by Brad (amec). I notified him that I was in charge of the site, and have spoken to everyone involved, and all have agreed that what was being done was the correct way of doing things.

3:00-Brad takes the samples that he can, do to the amount of gravel, instead of soil it is difficult to obtain some samples. He collected 3 samples from the dig site, and 2 more from areas around the site. He also notifies me that he cannot collect sidewall samples, as they are all concrete.

3:30-Back fill dropped off on site. Smook starts filling end dump with excavated material for disposal.

4:15-Truck is loaded and then hauls the contaminated material to Landfill.

4:15-Smook then begins backfilling area. Amec does starts field testing of some samples, reports low readings.

4:45-Backfill completed, notify everyone involved that the work has been completed. Talk with Manager from Greyhound to let him know everything that has taken place, and that pending

everyones approval and agreement, he can start using his fuel pumps again. He then does a site walk around and feels we have completed everything that needs to be done, and thanks us for the work we did.

5:00-Smook Contractors leave site.

5:15-AMEC off site, he lets me know the samples will be sent to the lab in Edmonton, and will take 5-7 business days for results.

5:30-Open the site to traffic again, notify everyone that I am leaving site, and can be reached by cell if there are any issues.

Monday November 5, 2012

8:00-12:00-At Clean Harbors office, preparing final report of cleanup for review by all parties involved.

Appendix 2
Analytical Results



**SPILL CLEAN-UP CONFIRMATORY SAMPLING
81 BERRENS ROAD
THOMPSON, MANITOBA**

Submitted to:
Clean Harbors Environmental Services
1147 Henry Street
Winnipeg, Manitoba

Attention: Mr. Ron Lounsbury

Submitted by:
AMEC Environment & Infrastructure
440 Dovercourt Drive
Winnipeg, Manitoba
R3Y 1N4

10 December 2012

AMEC Project No: WX17019



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1.0 INTRODUCTION

AMEC Environment & Infrastructure, a Division of AMEC Americas Ltd. (AMEC), was retained by Mr. Ron Lounsbury of Clean Harbors Environmental Services (Clean Harbors), to conduct field testing and laboratory analysis during the spill clean-up at the refuelling facility on the property with the municipal address of 81 Barrens Road in Thompson, Manitoba (Site) on 1 November 2012. It is AMEC's understanding that approximately 180 L of diesel was spilled on the ground while a bus was being refuelled unoccupied. It should be noted that AMEC was not retained to direct the clean-up and the area to be sampled was designated and marked out by Clean Harbors. The location of the Site and surrounding land use is shown on Figure 1, Appendix A.

The purpose of the soil sampling program was to determine soil chemistry, relating to hydrocarbon constituent concentrations, consistent with the requirements established in the following provincial guidelines:

1. 98-01 *Environmental Site Investigations in Manitoba*

2.0 SCOPE OF WORK

Based on AMEC's knowledge of this project, the following proposed scope of work was anticipated:

- A remedial action plan (RAP) will be completed prior to the remedial program and submitted to Manitoba Conservation for approval. The RAP will be prepared to include the removal and disposal of an estimated 50 m³ of impacted soil.
- Conduct a soil sampling investigation of the sidewalls and base of the excavation, as well as the excavated materials, during the remediation consisting of the following:
 - Conduct field screening for combustible vapours of soil samples from the excavation sidewalls and base following the removal of the impacted soil. A sampling grid will be employed to ensure adequate coverage of sampling is conducted.
 - Retain up to four (4) sidewall samples, up to three (3) base samples, plus one (1) sample from excavated materials, and one (1) duplicate sample and submit for analysis for BTEX and F1 to F4 fractions.
 - Prepare a report summarizing the results of the field and laboratory analysis program.

The tasks were completed as per the scope of work.

3.0 INVESTIGATIVE METHODOLOGY

3.1 Remedial Action Plan

AMEC completed and submitted a RAP to Mr. Jeff Fountain of Manitoba Conservation on 30 October 2012. Verbal approval to proceed with the remedial excavation was obtained from Mr. Fountain on 31 October 2012. A copy of AMEC's RAP is included in Appendix C.

3.2 Confirmatory Soil Sampling

Confirmatory soil samples were collected at pre-determined depth locations along from the base and the sidewalls of the excavation. In addition to the excavation grab samples, various samples of the excavated soils were also collected and a composite sample of the excavated soil was created. A portion of each soil sample was used to classify the soil type in accordance to the Modified Unified Soil Classification System and observed for visual evidence of petroleum hydrocarbon (PHC) contamination. The soil samples were also field screened for volatile hydrocarbon vapours using ambient temperature headspace (ATH) techniques and a hexane calibrated, Eagle RKI vapour analyzer set in the "no methane response" mode. The ATH technique involved half filling and sealing a 3.0 L plastic bag with soil and allowing the vapours to accumulate at warm ambient temperatures for about twenty minutes prior to analyzing the headspace. Accumulated vapours were measured in parts per million (ppm) up to 500 ppm and % LEL (lower explosive limit) thereafter.

Soil samples retained for potential laboratory analysis were stored in laboratory supplied containers in an ice-packed cooler at the Site and during transport to the laboratory. All sample containers were labelled with the project number, date of sampling and sample depth. Headspace in the glass jar was minimized to reduce volatilization prior to laboratory analysis. A completed chain of custody accompanied the sample shipment.

3.3 Laboratory Analytical Program

Seven (7) soil samples were submitted for laboratory analysis to AMEC's laboratory in Edmonton, Alberta. Diesel fuel associated with historical operation on the Site were identified as the potential source of impacts; therefore, the soil samples were submitted for the analyses of hydrocarbon constituents benzene, toluene, ethylbenzene, xylenes (BTEX), and petroleum hydrocarbon fractions F1 – F4. AMEC's Edmonton laboratory is certified with the Canadian Association for Laboratory Accreditation Inc. (CALA) to ISO/IEC 17025.

4.0 ASSESSMENT CRITERIA

Environmental assessment of soil quality in Manitoba is based on the assessment criteria as produced by the Canadian Council of Ministers of the Environment (CCME). The following documents produced by the CCME were selected as being applicable to the Site based on the contaminants of concern.

- CCME 1999 (updates to 2012) *Canadian Soil Quality Guidelines for the Protection of the Environment and Human Health*,
- CCME 2001 (revised 2008) *Canada-Wide Standards for Petroleum Hydrocarbons in Soil (CWS PHC)*

Based on these documents (and their precursors), AMEC conducted an evaluation of the applicable exposure pathways, land uses, key receptors and a visual evaluation of the predominant soil texture at the Site.

4.1 Land Use

The CCME 2008 has been developed for four generic land uses - agricultural, residential/parkland, commercial, and industrial, that has been adopted within these guidelines. A generic land use scenario is envisioned for each category based on the normal activities on these lands. The four land uses as defined by CCME are:

Agricultural lands: where the primary land use is growing crops or tending livestock. This also includes agricultural lands that provide habitat for resident and transitory wildlife and native flora. The portion of a farm that houses people is considered a residential land use.

Residential/Parkland: where the primary activity is residential or recreational activity. The ecologically-based approach assumes parkland is used as a buffer between areas of residency, but this does not include wild lands such as national or provincial parks.

Commercial: where the primary activity is commercial (e.g., shopping mall) and there is free access to all members of the public, including children. The use may include, for example, commercial day-care centres. It does not include operations where food is grown.

Industrial: where the primary activity involves the production, manufacture or construction of goods. Public access is restricted and children are not permitted continuous access or occupancy.

The Site and surrounding properties are zoned for commercial land use, as such, commercial land use guidelines were used in the assessment.

4.2 Grain Size Designation

Grain size analysis was not conducted at the Site, however observations of soil samples taken indicate that the native soils consisted of silty sand. As such, the coarse grained soil designation will be used for determination of assessment criteria.

4.3 Applicable Exposure Pathways

CCME recognizes two soil horizons; surface soil (≤ 1.5 m depth) and sub soils (>1.5 m depth). Potential human exposure pathways include soil ingestion, soil dermal contact, vapour inhalation, irrigation use of groundwater, and protection of potable groundwater. Potential ecological exposure pathways include the ecological soil contact and protection of aquatic life. The applicability of each exposure pathway is discussed in the following subsections. All soil samples were collected less than 1.5 m below grade level (bgl).

Soil Ingestion Pathway and Dermal Contact Pathway. The soil ingestion and dermal contact pathways are considered applicable as the entire Site is surfaced with gravel which would not provide adequate protection from direct contact with soils. Direct contact with the soils in the subsoil horizon is not considered feasible.

Vapour Inhalation Pathway. The vapour inhalation (indoor) pathway would not be considered applicable to both the surface and subsoil horizons as there is not an occupied building located within 5 m from the spill area.

Protection of Groundwater. Five drinking water wells are located within the vicinity of the City of Thompson, however they are located greater than 500 m from the Site and therefore the protection of potable groundwater is not considered applicable. Additionally Thompson has a municipal water system that everyone is on.

Ecological Soil Contact Pathway. As the Site is surfaced with gravel, the ecological soil contact pathway is considered applicable. Ecological receptor exposure to soils in the subsoil horizon is not considered realistic.

Freshwater Aquatic Life Pathway. CCME states that the freshwater aquatic life pathways may be excluded in cases where there is no surface water body within 10 m of a site classified as fine grained. The nearest surface water body is the Thompson Lake located approximately 600 m from the Site. As such, the freshwater aquatic life pathway is not applicable.

Management Limit. The management limits apply for any soils in the surface soil and subsoil horizons.

4.4 Guideline Selection Summary

Based on the results of the previous section, AMEC considers the following criteria to be applicable to the Site. The one in one hundred thousand (10^{-5}) incremental risk of cancer was used for benzene.

Above 1.5 m below grade:

- commercial values for fine grained surface soil in a non-potable situation as limited by the:
 - Soil ingestion guideline for benzene;
 - ecological soil contact guideline for toluene, ethylbenzene, and xylenes; and
 - CCME management limits for F1– F4

The assessment guideline values are summarized in Table 1, Appendix B.

5.0 RESULTS

5.1 Combustible Vapour Concentrations

Combustible vapour concentrations sampled within the excavation ranged from non-detectable (< 5 ppm_v) on the northern sidewall to 160 ppm_v on the western sidewall. A vapour concentration of 60 ppm_v was measured from the excavated soil composite sample.

The locations of the soil samples collected from the excavation, including the respective soil vapour concentrations, are shown on Figure 2 in Appendix A, and are summarized on Table 2, Appendix B.

5.2 Laboratory Results

The results of the BTEX and PHC F1-F4 analyses conducted on the selected soil samples are shown on Figure 3, Appendix A, and summarized in Table 3, Appendix B. The laboratory results indicate PHC constituents exceeded the applicable guidelines established by the CCME in the samples analysed from the north, south, and east sidewalls and base. The composite sample of the excavated soils also had PHC constituents exceeded the applicable guidelines. A copy of the certified laboratory report is attached as Appendix D.

6.0 SUMMARY

AMEC was retained by Mr. Ron Lounsbury of Clean Harbors, to conduct field testing and laboratory analysis during the spill clean-up at the property with the municipal address of 81 Barrens Road in Thompson, Manitoba on 1 November 2012. It is AMEC's understanding that approximately 180 L of diesel was spilled on the ground while a bus was being refuelled unoccupied. It should be noted that AMEC was not retained to direct the clean-up and the area to be sampled was designated and marked out by Clean Harbors.

Seven (7) confirmatory soil samples were collected from the base and the sidewalls of the excavation. Combustible vapour concentrations sampled within the excavation ranged from < 5 ppm_v to 160 ppm_v. The laboratory results indicate hydrocarbon constituents exceeded the applicable guidelines established by the CCME in the samples analysed from the north, south, and east sidewalls and base.

7.0 CLOSURE

The American Society for Testing and Materials Standard of Practice notes that no environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in the connection with a property. Performance of a standardized environmental site assessment protocol is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the property, given reasonable limits of time and costs. The findings of this investigation are based on the interpretation of data from a limited number of test pits and analytical results pertaining to specific samples. The evaluation and interpretations do not preclude the existence of chemical substances other than those identified herein, or the possibility that contamination levels can vary between the areas of the investigation.

This report was prepared for the exclusive use of Clean Harbors Environmental Services and their representatives, and is intended to provide an environmental assessment for the Site specifically consisting of the refuelling facility of 81 Barrens Road in Thompson, Manitoba at the time of the site visit. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Should additional parties require reliance on this report, written authorization from AMEC will be required. With respect to third parties, AMEC has no liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the assessment of the property conducted by AMEC. It is based solely on the conditions of the sites encountered at the time of the site visit on 1 November 2012, supplemented by a review of historical information and data obtained by AMEC as described in this report, and discussion with a representative of the owner/occupant, as reported herein. Except as otherwise maybe specified, AMEC disclaims any obligation to update this report for events taking place, or with respect to information that becomes available to AMEC after the time during which AMEC conducted the assessment.

In evaluating the property, AMEC has relied in good faith on information provided by other individuals noted in this report. AMEC has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. AMEC accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.



AMEC makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

This report is also subject to the further General Conditions contained in Appendix E.

We trust that this report meets your present requirements. Please contact our office if you have any questions or if we can be of further assistance.

Respectively submitted,
AMEC Environment & Infrastructure

A handwritten signature in black ink, appearing to read "Karen Timlick".

Karen Timlick, B.Sc.
Staff Environmental Scientist

Reviewed by:

A handwritten signature in black ink, appearing to read "Michael Bertram".

Michael Bertram, P.Eng.,
Senior Environmental Engineer,

8.0 REFERENCES

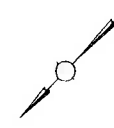
1. Canadian Council of Ministers of the Environment (CCME) 2009 Update. *Canadian Environmental Quality Guidelines (EQG)*.
2. Canadian Council of Ministers of the Environment (CCME) 2001, Revised 2008. *Canada-Wide Standards for Petroleum Hydrocarbons (CWS PHC) in soil*
3. Manitoba Conservation (May 2002) *Environmental Site Investigations in Manitoba*.

APPENDIX A
FIGURES

LEGEND
 — EXCAVATION EXTENT
 ● SAMPLE LOCATIONS
 ● BELOW CRITERIA
 ● EXCEEDS CRITERIA

CCME	
Commercial EQG (<1.5m depth)	
B	<1 µg/g
T	250 µg/g
E	500 µg/g
X	350 µg/g
F1	320 µg/g
F2	260 µg/g
F3	1700 µg/g
F4	3300 µg/g

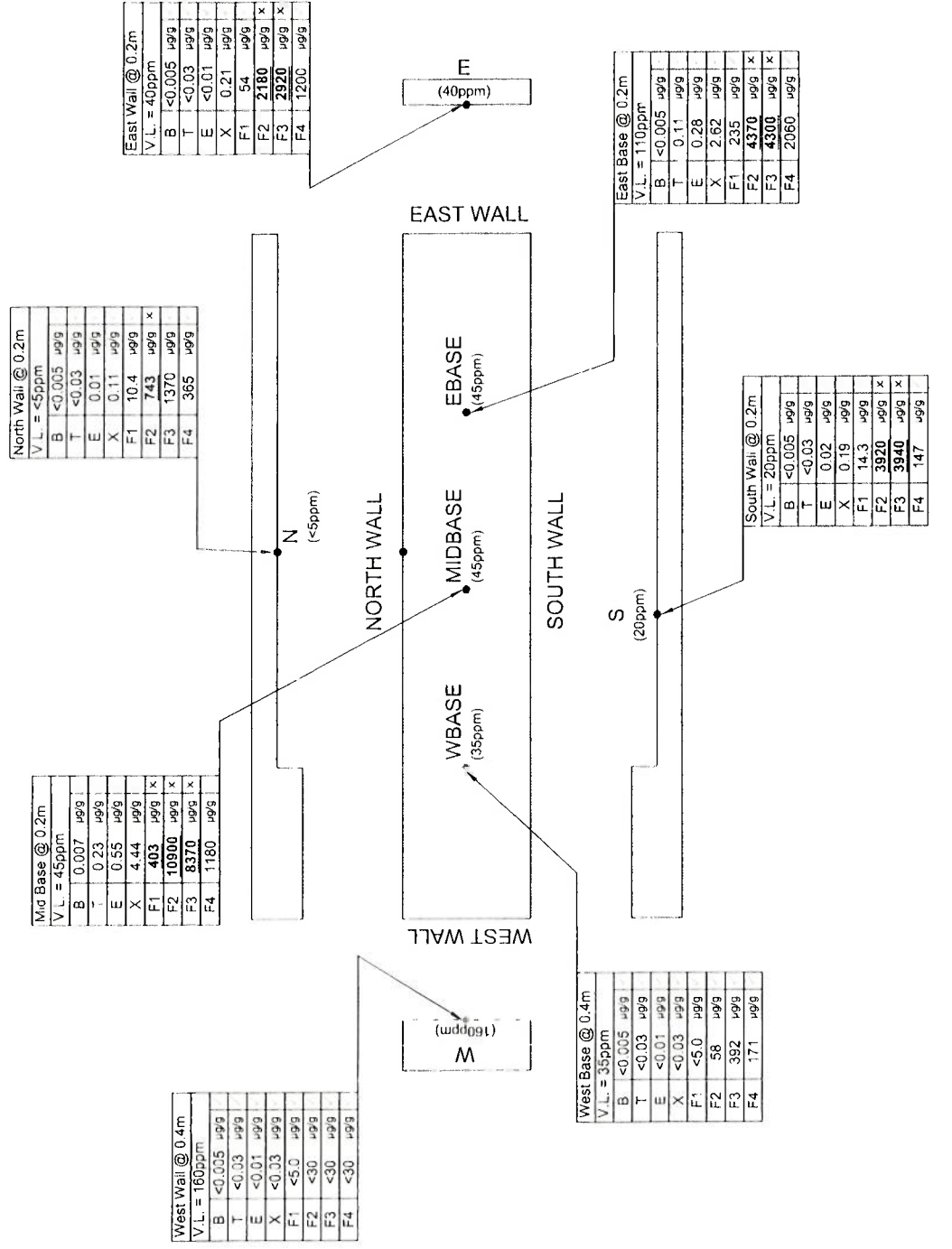
NOTE: SITE FEATURE LOCATIONS ARE APPROXIMATE



NO	REVISION	DATE	BY

CONFIRM DRY SOIL SAMPLING
 8' BEREENS ROAD
 WINNIPEG, MANITOBA

SOIL ANALYTICAL RESULTS (PHCs)
 SCALE: AS SHOWN
 DATE: NOVEMBER 2012
 DRAWN BY: MD
 PROJECT NO: WX17019
 FIGURE 3



APPENDIX B

TABLES

TABLE 1: ASSESSMENT CRITERIA									
Land Use	Exposure Pathway	Coarse Grained Soil Guidelines (ug/g) (PHCs)							
		Benzene	Toluene	Ethylbenzene	Xylenes	F1	F2	F3	F4
Commercial (≤ 1.5 m depth)	Soil Ingestion	11	82000	36000	560000	19000*	10000*	23000*	RES**
	Dermal Contact	25	790000	210000	NA				
	Eco-Soil Contact	310	250	300	350	320	260	1700	3300
	Off-Site Migration Check	NA	NA	NA	NA	NA	NA	4300	RES
	Management Limits	NG	NG	NG	NG	700	1000	3500	10000

Notes:

BOLD -- selected guideline

* - Combined values for soil ingestion and dermal contact for exposure pathway

** - RES - residual PHC formation. Calculated value exceeds 30,000 mg/kg and solubility limit for PHC fraction

F1 - volatile petroleum hydrocarbons (C₆ - C₁₀); corrected for BTEX concentrations

F2 - extractable petroleum hydrocarbons (C₁₀ - C₁₆)

F3 - extractable petroleum hydrocarbons (C₁₆ - C₃₄)

F4 - extractable petroleum hydrocarbons (C₃₄ - C₅₀)

NA - not applicable, calculated value exceeds 1,000,000 mg/kg

NG - no guideline available

NC - not calculated

CCME EQG Criteria - commercial land use criteria as outlined in the Canadian Council of the Ministers of the Environment (CCME), "Canadian Environmental Quality Guidelines", 1999 (updated 2011). The benzene concentration is based on one in one hundred thousand (10⁻⁵) incremental risk of cancer.

CCME CWS PHC Criteria - commercial land use criteria as outlined in the Canadian Council of the Ministers of the Environment (CCME), "Canada-Wide Standards for Hydrocarbons in Soil", 2001, revised 2008.

TABLE 2: FIELD OBSERVATIONS AND SOIL VAPOUR TESTING					
Sample	Total Depth (m)	Staining Zone (m)	Soil Vapour Concentrations > 200 ppm _v (m)	Max. Soil Vapour Concentration	
				Level (ppm _v)	Depth (m)
North Wall	0.2	none	none	<5	0.2
East Wall	0.2	none	none	40	0.2
South Wall	0.3	none	none	20	0.3
West Wall	0.4	none	none	160	0.4
East Base	0.2	none	none	110	0.2
Mid Base	0.2	none	none	45	0.2
West Base	0.4	none	none	35	0.4

Notes:

ppm_v - parts per million combustible vapour

m - metres

TABLE 3: SOIL ANALYTICAL RESULTS - PHCS

Sample No.	Date Sampled (dd-mm-yy)	Depth (m)	Soil Vapour Concentration (ppm _v)	Benzene (µg/g)	Toluene (µg/g)	Ethylbenzene (µg/g)	Xylenes (µg/g)	F1 (µg/g)	F2 (µg/g)	F3 (µg/g)	F4 (µg/g)
North Wall	1-Nov-12	0.2	<5	< 0.005	< 0.03	0.01	0.11	10.4	743	1370	365
East Wall	1-Nov-12	0.2	40	< 0.005	< 0.03	< 0.01	0.21	54	2180	2920	1200
South Wall	1-Nov-12	0.3	20	< 0.005	< 0.03	0.02	0.19	14.3	3920	3940	147
West Wall	1-Nov-12	0.4	160	< 0.005	< 0.03	< 0.01	< 0.03	< 5.0	< 30	< 30	< 30
East Base	1-Nov-12	0.2	110	< 0.005	0.11	0.28	2.62	235	4370	4300	2060
Mid Base	1-Nov-12	0.2	45	0.007	0.23	0.55	4.44	413	10900	8370	1180
West Base	1-Nov-12	0.4	35	< 0.005	< 0.03	< 0.01	< 0.03	< 5.0	58	392	171
Excavation Composite	1-Nov-12	n/a	60	< 0.005	0.04	0.1	0.81	84.2	2520	2960	648
CCME Commercial EQG (<1.5m depth)				11	250	300	350	320	260	1700	3300
CCME Commercial CWS PHC – fine grained soils (<1.5m depth below grade)											

Notes:

ppm_v – parts per million combustible vapour

LEL – lower explosive limit

(µg/g) – micrograms per gram

BOLD – exceeds the referenced guideline

NG - No Guideline

F1 – volatile petroleum hydrocarbons (C₆-C₁₀), correct for BTEX concentrations

F2 – extractable petroleum hydrocarbons (C₉-C₁₆)

F3 – extractable petroleum hydrocarbon (C₉-C₁₄)

F4 – extractable petroleum hydrocarbons (C₉-C₁₀)

< - less than the method detection limit

CCME EQG Criteria – commercial land use criteria as outlined in the Canadian Council of the Ministers of the Environment (CCME) "Canadian Environmental Quality Guidelines", 1999 (updates to 2012)

The benzene concentration is based on one in one hundred thousand (10⁻⁵) incremental risk of cancer

CCME CWS PHC Criteria - commercial land use criteria as outlined in the Canadian Council of the Ministers of the Environment (CCME) "Canada Wide Standards for Hydrocarbons in Soil", 2001, revised 2008

See laboratory report for detection limits, testing protocols and QA/QC procedures. Laboratory analysis was performed by AMEC Laboratory in Edmonton

APPENDIX C
REMEDIAL ACTION PLAN



30 October 2012

WX-17019

Manitoba Conservation
59 Elizabeth Dr., Provincial Bldg.
Thompson MB
R8N 1X4

Attn: Mr. Jeff Fountain
Environmental Officer

**Re: Remedial Action Plan
Spill Clean-up
81 Berens Road, Thompson, MB**

As per the Information Bulletin (96-02E) *Contaminated Sites in Manitoba Submission of Remedial Action Plans*, AMEC Environment & Infrastructure, a division of AMEC Americas Limited (AMEC), on behalf of Clean Harbors and its subcontractors, is submitting the following Remedial Action Plan (RAP) for the Department's review.

Clean Harbours has been retained to remediate a spill at the municipal address of 81 Berens Road (Site). Based on the limited information given to AMEC, it is anticipated that the will affect approximately 70 tonnes (150 m³) of soil in the area of the spill.

To AMEC's knowledge, previous assessment of the spill site has not been undertaken.

The remedial portion of the spill clean-up is anticipated to include the excavation and transportation of the soil impacts to the local landfarm for disposal. AMEC personnel will be present on Site during the remedial program to direct the excavation and collect confirmatory samples from the excavation extents.

It is not anticipated that groundwater will enter into the excavation. If water does require removal, an assessment of disposal options will be made, which may include the use of a temporary storage tank and sampling the water to determine a more permanent disposal method.

P:\Jobs\17000s\17010s\17019 - Spill Cleanup 81 Berens Rd Thompson\Report\Appendix C Rap\WX17019 81 Berens Road Thompson RAP.docx

AMEC Environment & Infrastructure,
A division of AMEC Americas
440 Dovercourt Drive
Winnipeg, Manitoba
Canada R3Y 1N4
Tel +1 (204) 488-2997
Fax +1 (204) 489-8261
www.amec.com

This fax message is confidential. If you are not the intended recipient please notify us by telephone as soon as possible and either return the message by post or destroy it. If you are not the intended recipient, any use by you of its contents is prohibited.



A summary of the remedial action plan is presented below.

SUMMARY OF REMEDIAL ACTION PLAN	
Existing Reports:	None
Remediation method:	Excavation
Target remediation criteria:	CCME CWS and EQG
Site Plan(s):	None
Estimated quantity of contaminated media:	Estimated 150 m ³ impacted soil
Destination of excavated material over applicable commercial guideline criteria:	Thompson landfarm
Remediation work to commence on:	31 October 2012, subject to approval from Manitoba Conservation.
Expected number of samples to be submitted for confirmatory analysis:	Minimum of 10 samples will be submitted for the activities outlined in this RAP.
Expected completion date of activities report:	Approximately four weeks after the remedial works are complete

We trust that the information provided is suitable to allow Manitoba Conservation to review and comment on the proposed remedial work. Should you have any questions or concerns please contact the undersigned.

Sincerely,
AMEC Earth & Environmental

Michael Bertram, P. Eng.
Senior Environmental Engineer
Technical Leader – Manitoba

Reviewed By:

Allyson Desgroseilliers, P. Eng., EP
Senior Environmental Engineer
Unit Manager

Att: Figure 1, Phase II ESA

APPENDIX D
CERTIFICATES OF LABORATORY ANALYSIS

Final Analytical Report

Attention: **Mike Bertram**

AMEC Environment & Infrastructure
440 Dovercourt Drive
Winnipeg, MB R3Y 1N4

Results for File: **EC-64344**


Project Number: **WX17019**


Project Name: **100 McPhillips Street**

Date Received: 2012/11/03

Date of Report: 2012/11/13

Report reviewed by:


Jesse Dang, B.Sc.
Manager
Laboratory Services


Charlene Schermers
Director of QA/QC
Laboratory Services

** All samples will be disposed of after 30 days following analysis. Please contact the lab if you require additional sample storage time. (Samples deemed hazardous will be returned to the client at their own expense or disposal will be arranged.) **

Soil Analysis

Project No. WX17019

Final
File No. EC-64344

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	Lab #:	12-16282	12-16283	12-16284	12-16285
					Client ID:	North Wall	East Wall	South Wall	West Wall
					Sample Date:	2012/11/01 0:00	2012/11/01 0:00	2012/11/01 0:00	2012/11/01 0:00
					MDL				
AD	2012/11/05	Benzene	µg/g (ppm)	EPA 8260B	0.005	< 0.005	< 0.005	< 0.005	0.005
AD	2012/11/05	Toluene	µg/g (ppm)	EPA 8260B	0.03	< 0.03	< 0.03	< 0.03	< 0.03
AD	2012/11/05	Ethylbenzene	µg/g (ppm)	EPA 8260B	0.01	0.01	< 0.01	0.02	< 0.01
AD	2012/11/05	Total Xylenes	µg/g (ppm)	EPA 8260B	0.03	0.11	0.21	0.19	< 0.03
AD	2012/11/05	Surrogate Recovery	%	--	0.1	104	97.9	95.7	105
AD	2012/11/05	F1 (C6-C10)	µg/g (ppm)	CCME	5.0	10.4	54.0	14.3	< 5.0
PC	2012/11/05	F2 (EPH C10-C16)	µg/g (ppm)	CCME	30	743	2180	3920	< 30
PC	2012/11/05	F3 (EPH C16-C34)	µg/g (ppm)	CCME	30	1370	2920	3940	< 30
PC	2012/11/05	F4 (EPH C34-C50)	µg/g (ppm)	CCME	30	365	1200	147	< 30
PC	2012/11/05	Moisture	%	---	0.5	6.0	6.0	8.9	5.6
AD	2012/11/05	F1 - BTEX	µg/g (ppm)	CCME	5.00	10.2	53.8	14.0	< 5.00

Analyst	Date of Analysis (yyyy/m/d)	Analytical Parameter	Units	Reference Method	Lab #:	12-16286	12-16287	12-16288	12-16289
					Client ID:	East Base	Mid Base	West Base	Excavated Composite
					Sample Date:	2012/11/01 0:00	2012/11/01 0:00	2012/11/01 0:00	2012/11/01 0:00
					MDL				
AD	2012/11/05	Benzene	µg/g (ppm)	EPA 8260B	0.005	< 0.005	0.007	< 0.005	< 0.005
AD	2012/11/05	Toluene	µg/g (ppm)	EPA 8260B	0.03	0.11	0.23	< 0.03	0.04
AD	2012/11/05	Ethylbenzene	µg/g (ppm)	EPA 8260B	0.01	0.28	0.55	< 0.01	0.10
AD	2012/11/05	Total Xylenes	µg/g (ppm)	EPA 8260B	0.03	2.62	4.44	< 0.03	0.81
AD	2012/11/05	Surrogate Recovery	%	--	0.1	101	100	97.2	97.2
AD	2012/11/05	F1 (C6-C10)	µg/g (ppm)	CCME	5.0	235	413	< 5.0	84.2
PC	2012/11/05	F2 (EPH C10-C16)	µg/g (ppm)	CCME	30	4370	10900	58	2520
PC	2012/11/05	F3 (EPH C16-C34)	µg/g (ppm)	CCME	30	4300	8370	392	2960
PC	2012/11/05	F4 (EPH C34-C50)	µg/g (ppm)	CCME	30	2060	1180	171	648
PC	2012/11/05	Moisture	%	---	0.5	5.1	11.2	6.4	8.0
AD	2012/11/05	F1 - BTEX	µg/g (ppm)	CCME	5.00	232	407	< 5.00	83.3

Quality Control Standard

Project No. WX17019

File No. EC-64344

Soil Analysis

Analyst	Date of Analysis (yyyy/mm/d)	Analytical Parameter	Units	Reference Method	MDL	Analyzed Value	Advisory Range	Target Value	Reference No.
AD	2012/11/05	Benzene	%	EPA 8260B	0.005	89.9	80-120	100.000	Spike Recovery
AD	2012/11/05	Toluene	%	EPA 8260B	0.03	89.6	80-120	100.00	Spike Recovery
AD	2012/11/05	Ethylbenzene	%	EPA 8260B	0.01	89.8	80-120	100.00	Spike Recovery
AD	2012/11/05	Total Xylenes	%	EPA 8260B	0.03	89.6	80-120	100.00	Spike Recovery
AD	2012/11/05	F1 (C6-C10)	%	CCME	5.0	91.2	80-120	100.0	Spike Recovery
PC	2012/11/05	F2 (EPH C10-C16)	mg/Kg (ppm)	CCME	30	1110	564-1186	875	Spike Recovery
PC	2012/11/05	F3 (EPH C16-C34)	mg/Kg (ppm)	CCME	30	3240	1698-3258	2478	Spike Recovery
PC	2012/11/05	F4 (EPH C34-C50)	mg/Kg (ppm)	CCME	30	1520	894-1817	1356	Spike Recovery

Analytical Comments

Project No. WX17019

File No. EC-64344

All Analytical results pertain to samples analyzed as received.

CCME (EPH) - Canadian Council of Ministers of the Environment - Method for Canada Wide Standards for Petroleum Hydrocarbon in Soil, Tier 1 Method, Revision 5.0. The method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

Chromatography returned to baseline by C50.

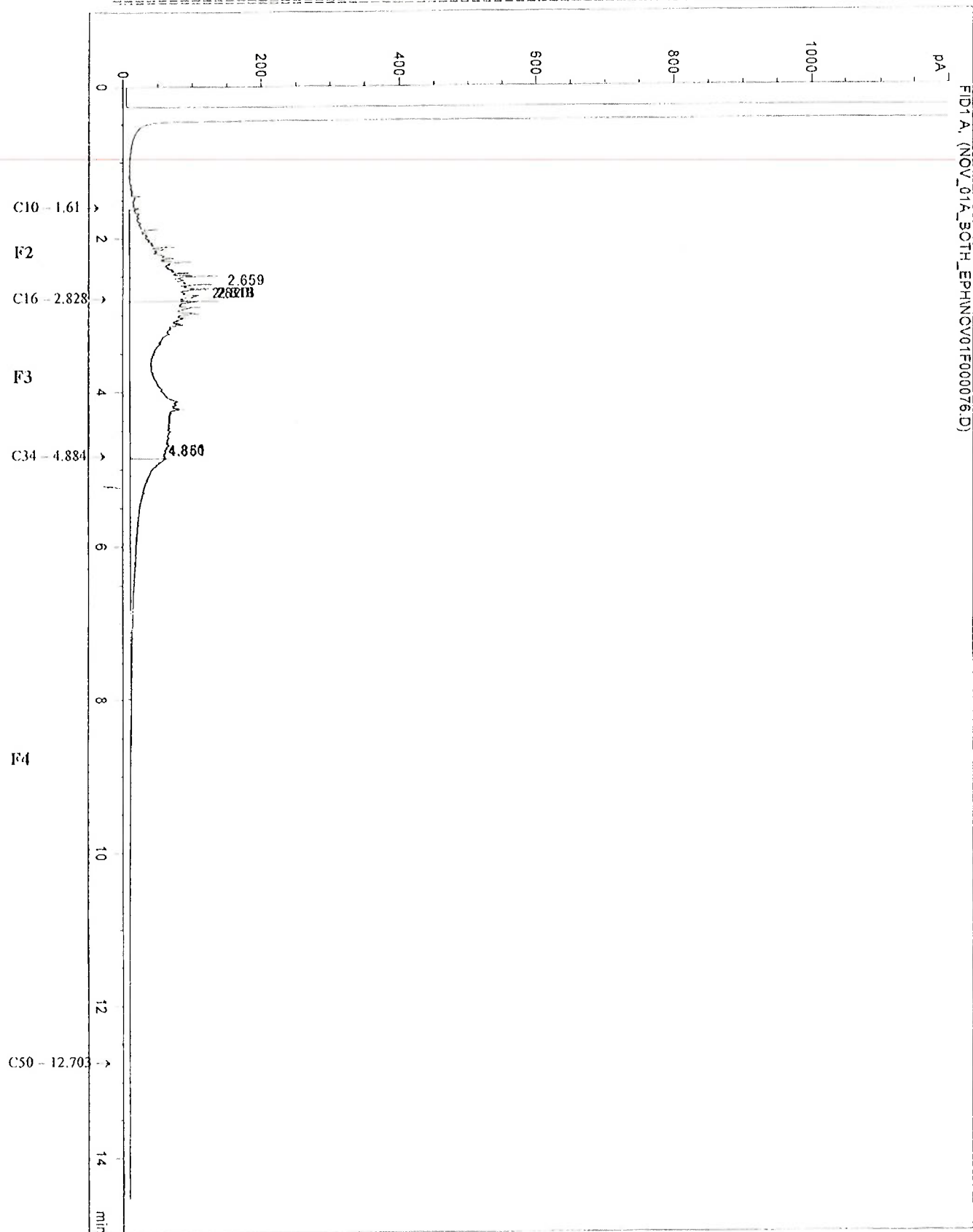
EPA: U.S. Environmental Protection Agency. 1997. Test Methods of Evaluation of Solid Waste 3rd Ed through Update III. Office Solid Waste Emergency Response, U.S. Environmental Protection Agency, Washington, D.C.

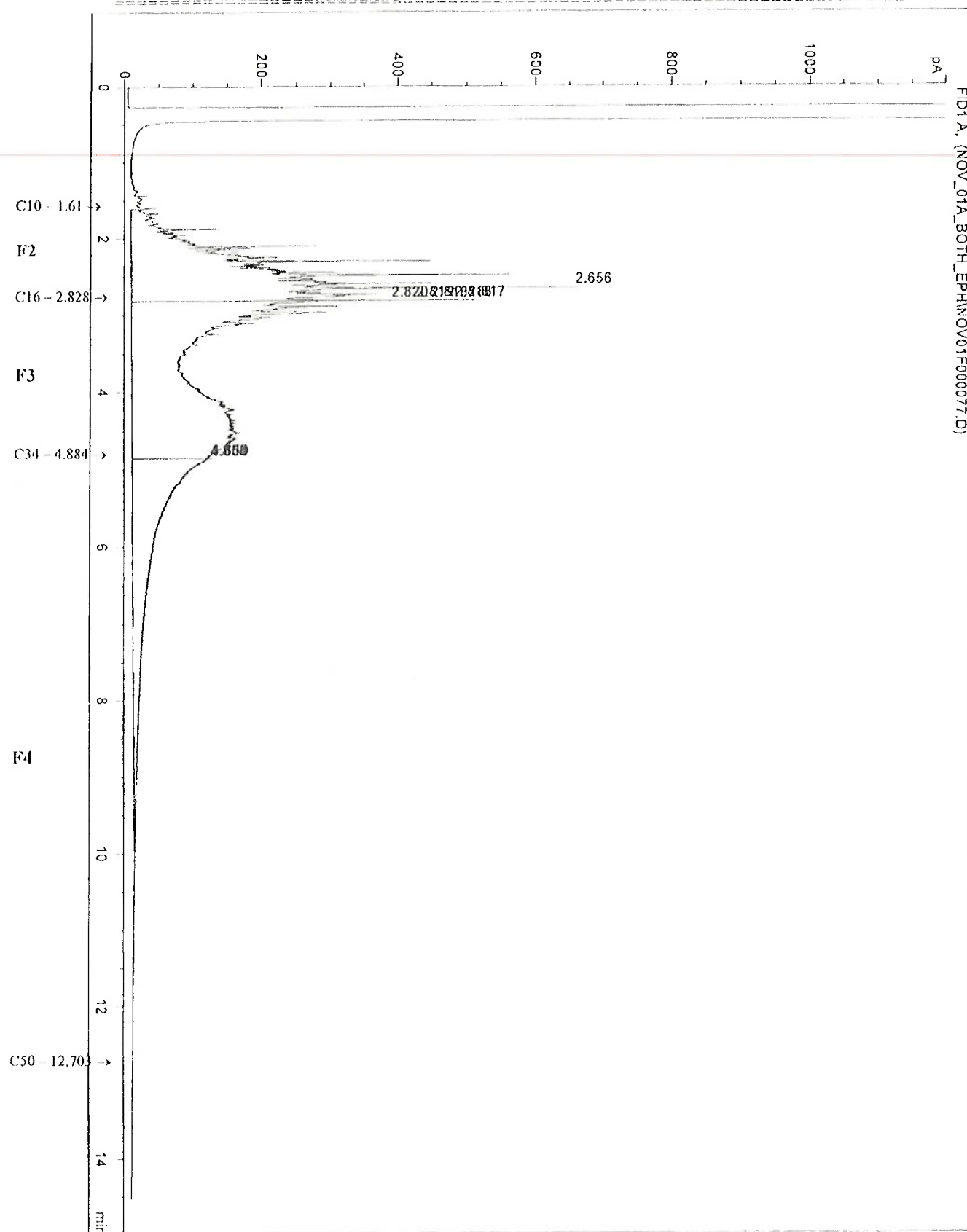
EPH: Extractable Petroleum Hydrocarbon - not corrected for PAH content.

Extraction and analysis limits for holding time for Hydrocarbons were met.

MDL - Method Detection Limit

Sample Name: 16282 ephs





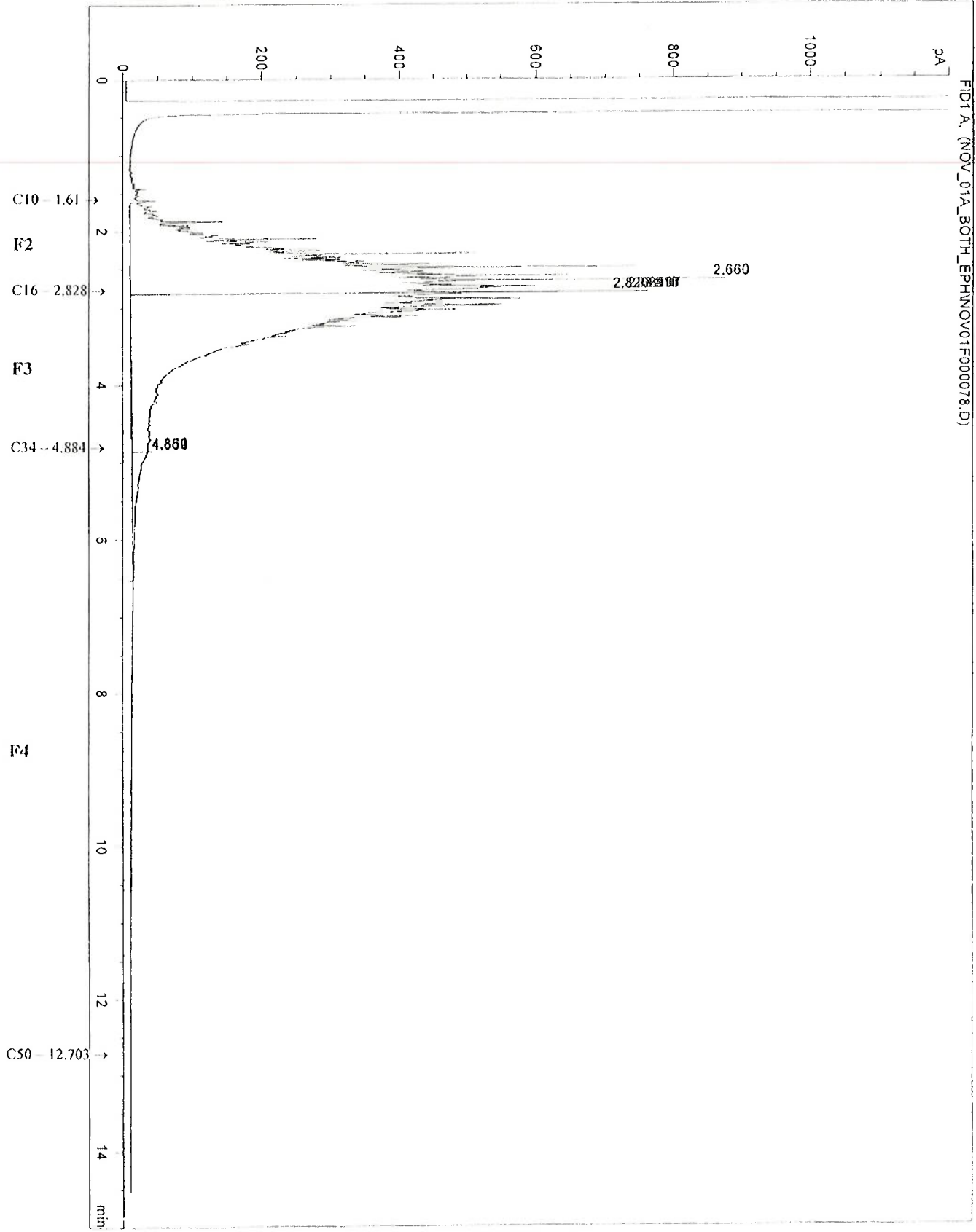
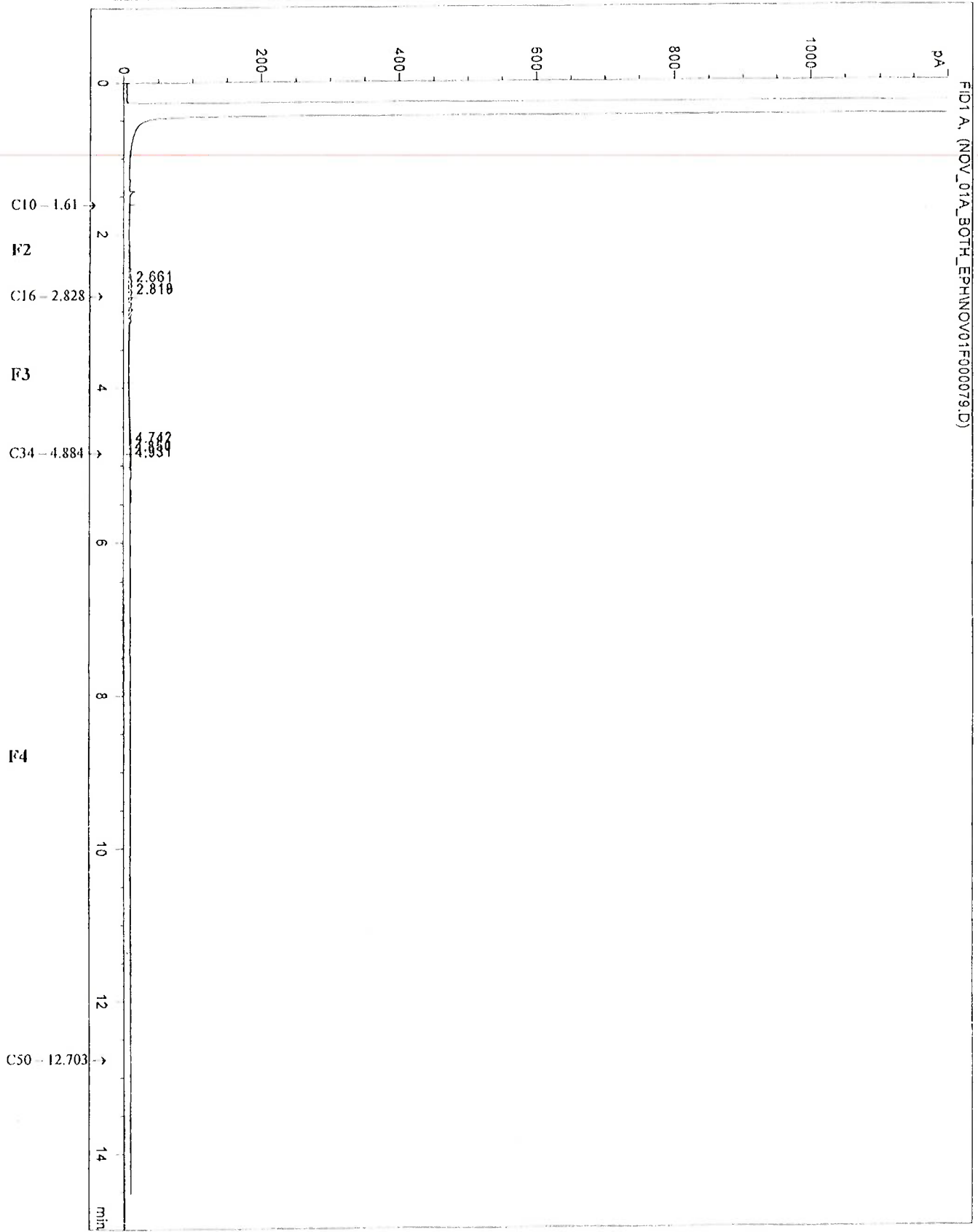
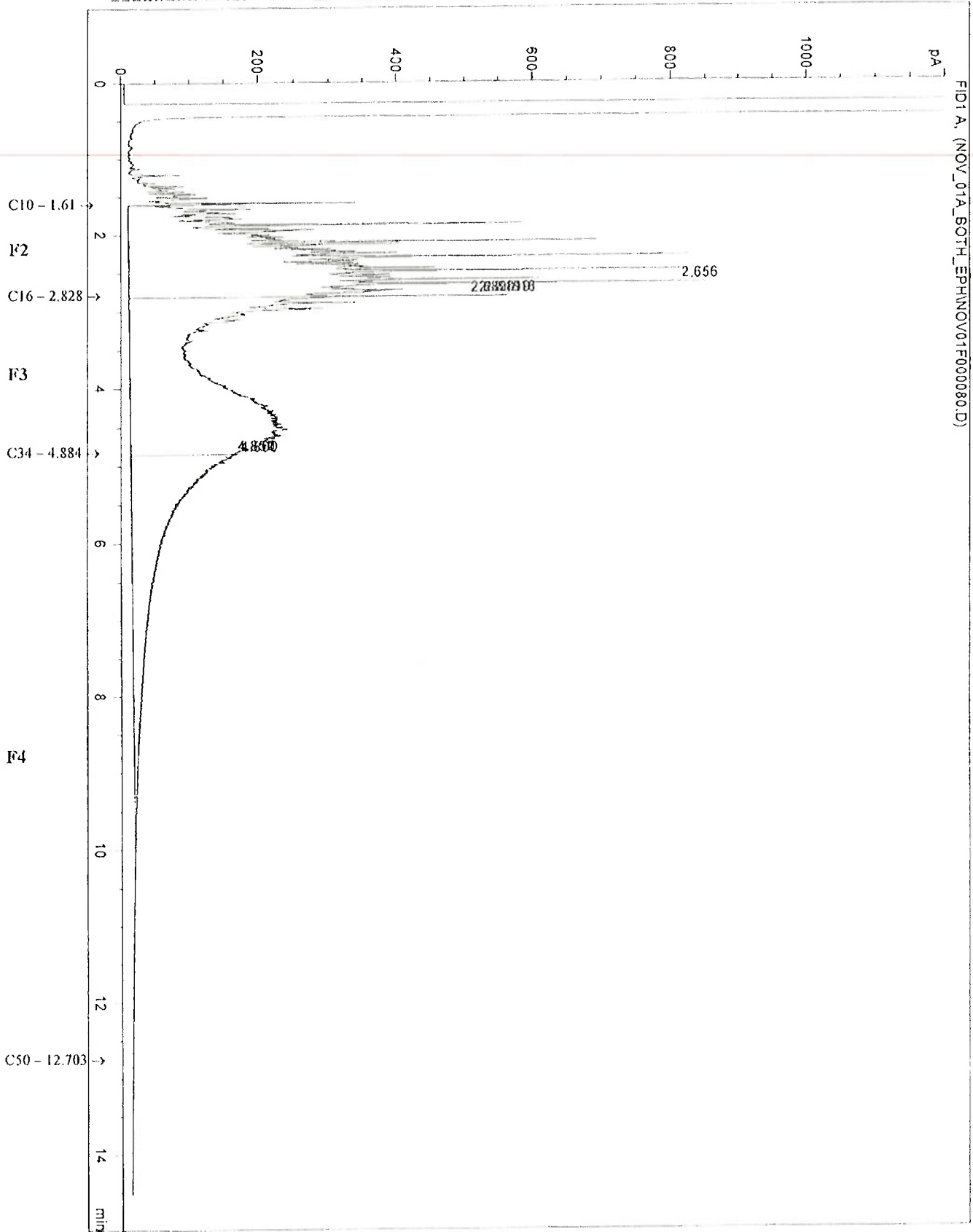
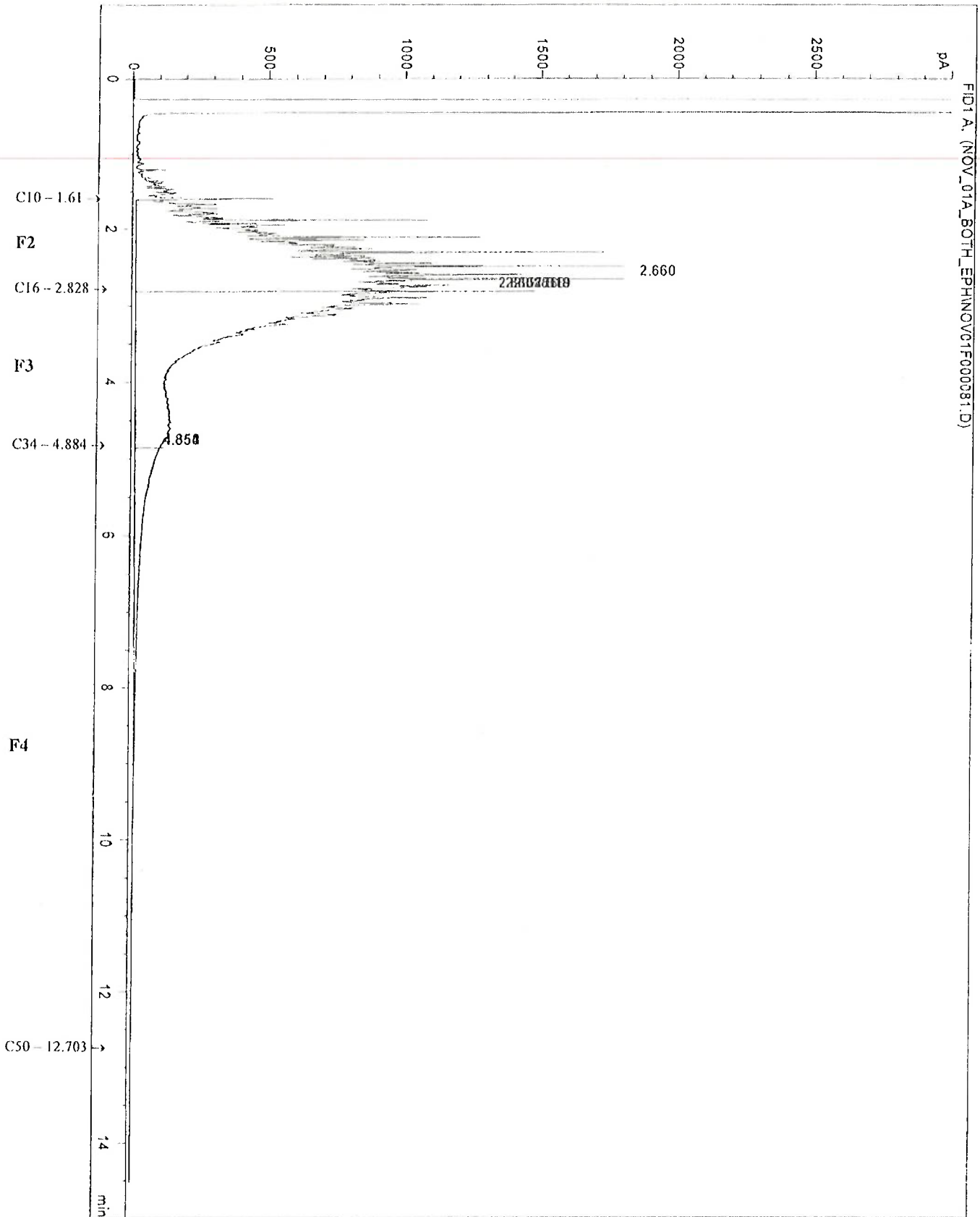
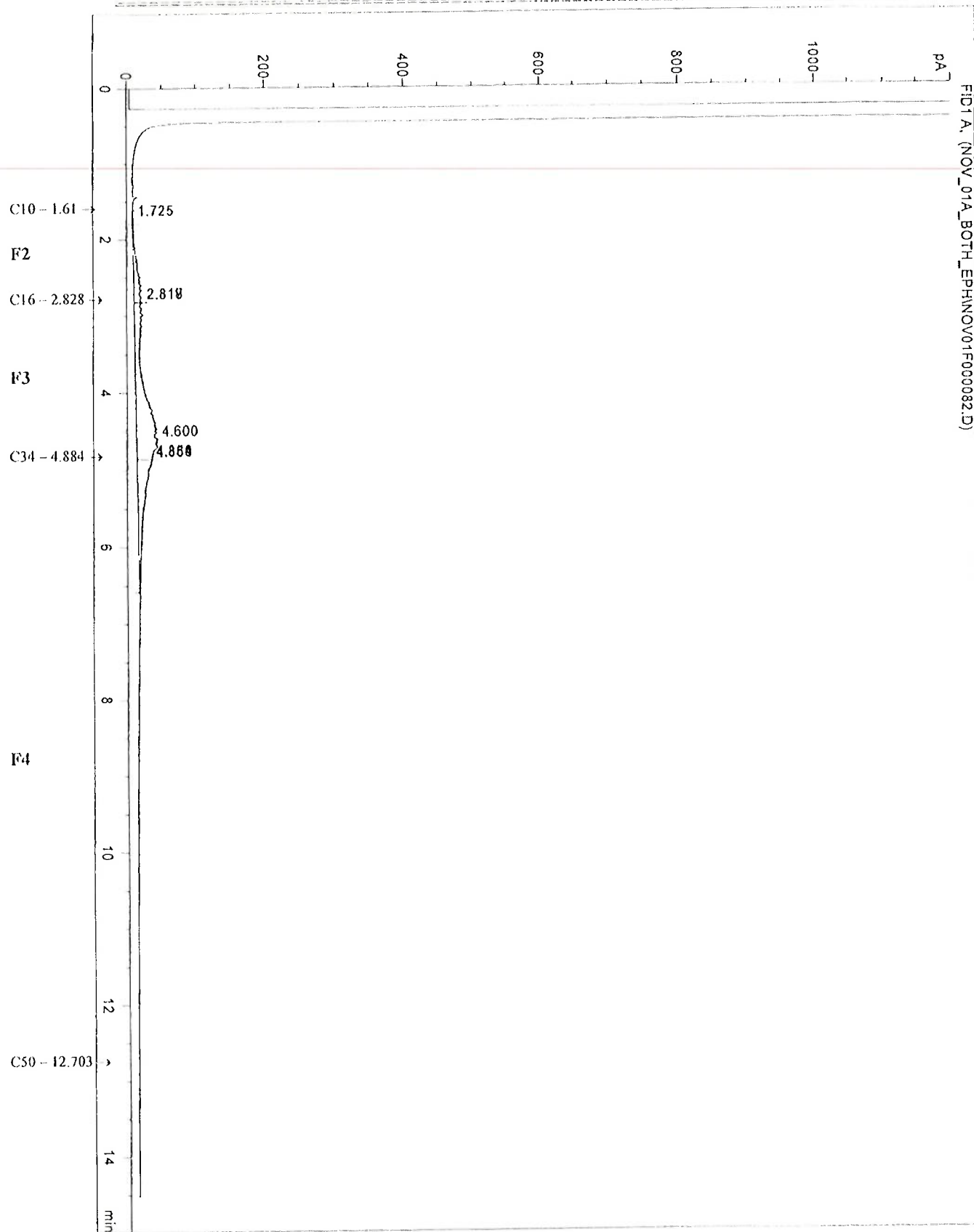


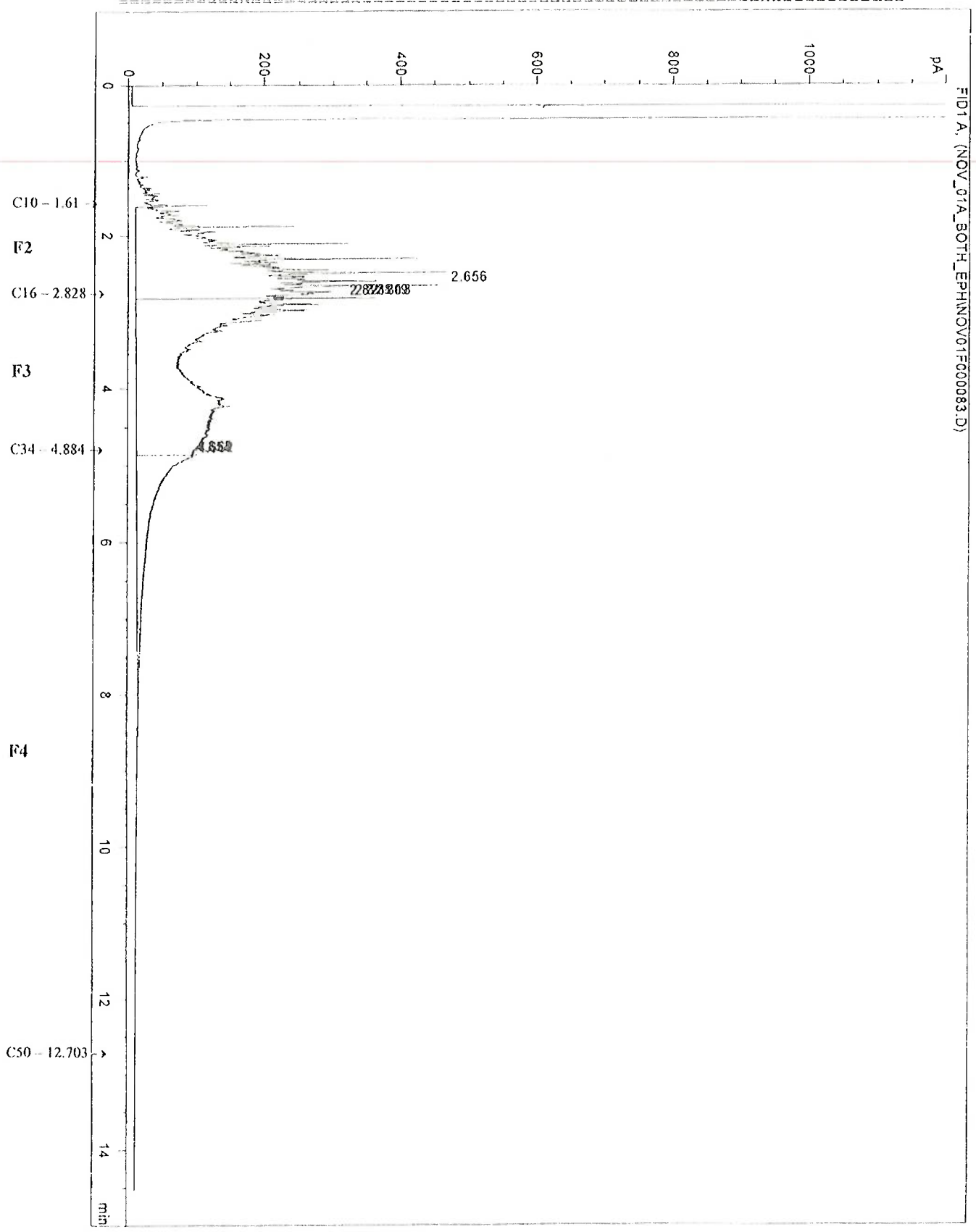
FIG1 A. (NOV_01A_BOTH_EPH\NOV01F000078.D)











APPENDIX E
STATEMENT OF GENERAL CONDITIONS

AMEC Environment & Infrastructure, A Division of AMEC Americas Limited
STATEMENT OF GENERAL CONDITIONS - ENVIRONMENTAL SERVICES

1. **STANDARD OF CARE** - In the performance of professional services, the CONSULTANT will use that degree of care and skill ordinarily exercised under similar circumstances by reputable members of its professional practicing in the same or similar localities. No other warranty expressed or implied is made or intended by this agreement or by furnishing oral or written reports of the findings made. The CONSULTANT is to be liable only for damage approximately caused by the negligence of the CONSULTANT. The CLIENT recognizes that subsurface conditions may vary from those encountered at the location where borings, surveys, or explorations are made by the CONSULTANT and that the data, interpretations and recommendation of the CONSULTANT are based solely on the information available to him. The CONSULTANT will not be responsible for the interpretation by others of the information developed.

2. **SITE INFORMATION** - The CLIENT agrees to fully cooperate with the CONSULTANT with respect to the provision of all available information on the past, present and proposed conditions of the Site known to it or otherwise requested by the CONSULTANT.

The CONSULTANT agrees to include a review of all historical information obtained by the CLIENT or provided by the Client to assist in the investigation of the Site unless and except to the extent that such a review is limited or excluded from the scope of work to be performed by the CONSULTANT.

3. **FULL DISCLOSURE** - The CLIENT acknowledges that in order for the CONSULTANT to properly advise and assist the CLIENT in respect of the investigation of the Site, the CONSULTANT is relying upon full disclosure by the CLIENT of all matters pertinent to an investigation of the Site.

4. **DELAYS AND INTERRUPTIONS** - Should the CONSULTANT be delayed or interrupted by others in the performance of its services or be required to perform additional services as a result of any delay or interruption caused by others, the CONSULTANT shall be equitably compensated by the CLIENT for all costs, charges and expenses which it may incur as a result of such delay or interruption and any such additional services to be performed and any and all consequences resulting from such delay or interruption.

5. **USE OF WORK PRODUCT** - The CONSULTANT agrees to provide to the CLIENT interim reports outlining the progress of the investigation of the Site on a periodic basis and a final comprehensive report upon the completion of the investigation of the Site.

6. **COMPLETE REPORT** - This document being a part of the Report is of a summary nature and is not intended to stand alone without reference to the instructions given to the CONSULTANT by the CLIENT, communications between the CONSULTANT and the CLIENT, and to any other reports, writings or documents prepared by the CONSULTANT for the CLIENT relative to the specific Site described herein, all of which constitute the Report. Wherever the word "Report" is used herein, it shall refer to any and all of the documents referred to herein.

In order to properly understand the suggestions, recommendations and opinions expressed herein, reference must be made to the whole of the Report. The CONSULTANT cannot be responsible for use by any part of portions of the report without reference to the whole report.

7. **LIMITATIONS ON SCOPE OF INVESTIGATION AND WARRANTY DISCLAIMER**

There is no warranty, expressed or implied, by the CONSULTANT that:

- a) The investigation shall uncover all potential contaminants, including asbestos, on the Site; or
- b) The Site will be entirely free of all Targeted Contaminants or other contaminants as a result of any cleanup work undertaken on the Site, since it is not possible, even with exhaustive sampling, testing and analysis, to document all potential contaminants on the Site.

Classification and identification of soils, rocks, geological units, contaminated materials and contaminant quantities have been based on commonly accepted practices in environmental consulting practice in this area.

The CLIENT acknowledges that:

- a) The investigation findings are based solely on the information generated as a result of the specific scope of the investigation authorized by the CLIENT;
- b) any assessment regarding the presence of contamination of the Site is based on the interpretation of conditions determined at specific sampling locations and depths and that conditions may vary between sampling locations;
- c) there can be no assurance that isolated pockets of contaminants are not located on the Site;
- d) any assessment is also dependent on and limited by the accuracy of the analytical data generated by the sample analyses;
- e) any assessment is also limited by the scientific possibility of determining the presence of contaminants for which scientific analyses have been conducted; and
- f) the analytical parameters selected are limited to those outlined in the CLIENT's authorized scope of investigation (in the absence of any evidence of potential contamination sources on the Site, which may warrant expanding the analytical parameters).

8. REMEDIATION COST ESTIMATES - Estimates of remediation costs can only be based on the specific information generated and the technical limitations of the investigation authorized by the CLIENT. Accordingly, estimated costs for remediation only represent the cost to clean up known contaminants that have been identified during the course of the investigation. As remediation of a Site is often an iterative exercise, estimated costs for remediation should only be interpreted to cover the first stage of any Site remediation until such time as verification samples indicate that the Site has been fully remediated and the CONSULTANT shall therefore not be liable for the accuracy of any estimates of remediation costs provided.

9. CONTROL OF WORK AND JOBSITE SAFETY - The CONSULTANT is only responsible for the activities of its employees on the jobsite. The presence of CONSULTANT personnel on the Site shall not be construed in any way to relieve the CLIENT or any contractors on Site from their responsibilities for Site safety. The CLIENT undertakes to inform the CONSULTANT of all hazardous conditions, or possible hazardous conditions which are known to him. The CLIENT also recognizes that the activities of the CONSULTANT may uncover previously unknown hazardous materials and that such a discovery may result in the necessity to undertake emergency procedures to protect CONSULTANT employees as well as the public at large and the environment in general. The CLIENT also acknowledges that in some cases the discovery of hazardous conditions and materials will require that certain regulatory bodies be informed and the CLIENT agrees that notification to such bodies by the CONSULTANT will not be a cause of action or dispute.

10. LIMITATION OF RESPONSIBILITY

The CLIENT hereby agrees that to the fullest extent permitted by the law the CONSULTANT's total liability to CLIENT for any and all injuries, claims losses, expenses or damages whatsoever arising out of or in anyway relating to the Project, the Site, or this agreement from any cause or causes including but not limited to the CONSULTANT's negligence, errors, omissions, strict liability, breach of contract, or breach of warranty shall not exceed the amount agreed to under the project agreement between the AMEC Earth & Environmental and the CLIENT.

No Special or Consequential Damages - CLIENT and CONSULTANT agree that to the fullest extent permitted by law the CONSULTANT shall not be liable to CLIENT for any special, indirect or consequential damages whatsoever, whether caused by the CONSULTANT's negligence, errors omissions, strict liability, breach of contract, breach of warranty or other cause of causes whatsoever.

Indemnification - To the fullest extent permitted by law, the CLIENT agrees to defend, indemnify and hold the CONSULTANT, its agents, subcontractors, and employees harmless from and against any and all claims, defense costs, including attorney's fees, damages, and other liabilities arising out of or in any way related to CONSULTANT's reports or recommendations concerning this Agreement, CONSULTANT's presence on the project property, or the presence, release, or threatened release of asbestos, hazardous substances, or pollutants on or from the project property; provided that the CLIENT shall not indemnify CONSULTANT against liability for damages to the extent caused by the negligence or intentional misconduct of CONSULTANT, its agents, subcontractors, or employees.

Appendix 3
Disposal Documentation



LGD of Mystery Lake
 P.O. Box 189
 Thompson MB R8N 1N1
 Ph: 204-677-4075 Fx: 204-778-7642

Waste Scale Ticket / Sales Receipt

Ticket #: 00039944

Vehicle: SM. 1-109 CDK 496 - SMOOK BROTHERS
 Cust.: SMOOK BROTHERS - SMOOK BROTHERS

GROSS: 19,170 kg 01-Nov-2012 11:44 AM
 TARE: 10,940 kg 01-Nov-2012 11:49 AM

NET WT.: 8,230 kg

Item	Code	Description	Qty	NetWt*	\$ Charge
1.	600	CONTAMINATED SOIL		8.230 t.	411.50
2.	902	REGULATORY FEE	1	0 kg	5.00
Items: 2			Payment Method: CHARGE ACC	Total: \$	416.50

Remark: NOSEYS BOBCAT TANDEM

Printed: 01-Nov-2012 11:49 AM



LGD of Mystery Lake
 P.O. Box 189
 Thompson MB R8N 1N1
 Ph: 204-677-4075 Fx: 204-778-7642

Waste Scale Ticket / Sales Receipt

Ticket #: 00039956

Vehicle: SM. 1-109 CDK 496 - SMOOK BROTHERS
 Cust.: SMOOK BROTHERS - SMOOK BROTHERS

GROSS: 26,220 kg 01-Nov-2012 04:57 PM
 TARE: 11,150 kg 01-Nov-2012 04:57 PM

NET WT.: 15,070 kg

Item	Code	Description	Qty	NetWt*	\$ Charge
1.	600	CONTAMINATED SOIL		15.070 t.	753.50
Items: 1			Payment Method: CHARGE ACC	Total: \$	753.50

Remark:

Printed: 01-Nov-2012 04:57 PM