

O'CONNOR ASSOCIATES

#1000, 639 5th Ave. S.W.
Calgary, AB
T2P 0M9

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VANCOUVER • CALGARY • EDMONTON • REGINA • WINNIPEG • OAKVILLE • KUALA LUMPUR

DATE OF TRANSMISSION: June 21, 2001PROJECT No: Shell

TOTAL NO. OF PAGES (INCLUDING COVER PAGE): 1

SEND TO: Mr. Jamie CurranFAX NO.: 403-382-4101 4428COMPANY: AENV - Prairies RegionTEL NO.: 403-381-5511LOCATION: LethbridgeFROM: Rob MicklethwaiteRE: RE: CORRESPONDENCES ON SHELL CANADA PRODUCTS

COMMENTS:

At the request of our client, Shell Canada Products (Shell), we wish to request that Alberta Environment copy Shell's environmental consultant on correspondences that it sends to Shell. Shell currently has only two environmental consultants working on its downstream components (i.e., service stations, bulk plants, and docks and aviation facilities) and these are:

O'Connor Associates Environmental Inc.
Suite 1000, 639 - 5th Avenue SW
Calgary, Alberta
T2P 0M9

Morrow Environmental Consultants Inc.
Unit 5, 6125 - 12th Street SE
Calgary, Alberta
T2H 2K1

Attention: Dr. Robert Micklethwaite
Facsimile: (403) 294-4240

Attention: Grahame Bensted
Facsimile: (403) 253-1975

If Alberta Environment's file indicate an environmental consultant other than these two, then O'Connor Associates Environmental Inc. should be assumed to be Shell's environmental consultant on the project and copied on the correspondence.

Should you have any questions, please contact Mr. Randall Warren of Shell at 216-5558 or myself.

cc: Mr. R. Warren, Shell Canada Products (216-5559)
Ms. Sheri Bechtel - Shell Canada Products (209-4088)
Mr. R. Harriott - Shell Canada Products (270-2821)
Mr. Grahame Bensted - Morrow Environmental Consultants Inc. (253-1975)

BEST COPY AVAILABLE

Chemicals Assessment &
Management Division
Groundwater Protection Branch

Room 2/79, 2nd floor
Provincial Building
200 - 5 Avenue S.
Lethbridge, Alberta
Canada T1J 4L1

Telephone 403/381-5456
Fax 403/382-4428

March 7, 1997

FILE#: 4040-BA04-24

Mr Darrell Garceau
Administrator
Village of Barons
Box 129
Barons, Alberta
TOL OGO

Dear Mr Garceau:

Re: Barons Hardware Site - Smith and Marie Read

The remediation undertaken on the Barons Hardware site including excavation/removal of petroleum contaminated soil, installation of a vapour management system and borehole test drilling has followed the process outlined in the draft 1994 "Remediation Guidelines for Petroleum Storage Tank Sites". The remediation/risk management vapour system is an acceptable remedial approach as outlined in the risk management process of the Guidelines. The site appears suitable for continued commercial Hardware Store land use purposes. There is still the ongoing risk management monitoring of the vapour management system and the acceptance of these results as they become available.

Groundwater was assessed in a previous consultant's report prepared for Canadian Turbo. Laboratory testing from one monitoring well showed that the concentration of dissolved petroleum hydrocarbons in the groundwater did not exceed the draft Level II fine grained inhalation risk management criteria of the draft 1994 "Remediation Guidelines for Petroleum Storage Tank Sites". Closure drilling and groundwater testing offsite to the southwest of the former location of the pump island on the Hardware store property should be considered. If closure drilling and groundwater sampling are completed offsite to the south and west, this information would be useful to the Village of Barons to learn if there may be residual petroleum hydrocarbon contamination under the roadway or within the utility pathway that may require remediation in case of repair or replacement of the utility lines.

*mailed
3/11/97*

12

March 7, 1997
File # 4040-BA04-2
Page 2

Canadian Turbo has undertaken an environmental assessment at the Turbo bulk plant located next to the Barons Hardware site. The recommendations in the consultant's report including removal of above ground storage tanks, surface stripping of contaminated soil areas, excavation/removal of contaminated soil, disposal of petroleum contaminated soil at an approved landfill site, backfilling with clean compacted fill and risk management monitoring and confirmatory groundwater sampling program is proposed to be implemented. If you are interested in a copy of the Turbo Resources report information, I suggest that you contact Turbo Resources or the Environmental Regulatory Services Freedom of Information and Protection of Privacy Act Coordinator in the Edmonton office @ (403) 427-4429

Thank you for your interest in the remediation at this site. Please call me at 382-4255 if you wish further discussion.

Yours truly,


Don Wyrostock

DW/tlm



November 1, 1996

FILE# 4040-BA04-2

Mr. Cameron MacLennan
Andreachuk Harvie MacLennan
#490 Chancery Court
220 - 4 Street South
Lethbridge, Alberta
T1J 4J7

Dear Mr. MacLennan:

Re: Barons Hardware Site - Smith and Marie Read

I have prepared the following comments after our telephone conversation and review of the requests made in your letter of October 31, 1996. The remediation undertaken on the Barons Hardware site including excavation/removal of petroleum contaminated soil, installation of a vapour management system and borehole test drilling has followed the process outlined in the draft 1994 "Remediation Guidelines for Petroleum Storage Tank Sites". The remediation/risk management vapour system that has been installed is an acceptable remedial approach as outlined in the risk management process of the Guidelines. The site appears suitable for the continued land use for the commercial Hardware Store purposes. There is still the ongoing monitoring of the vapour management system and the acceptance of these results as they become available. The results from the vapour management testing will address the verification of remediation outlined in drawing No: 2.1 of the framework for Site Assessment and Remediation procedures of the Guidelines.

Groundwater was assessed in a previous consultant's report prepared for Canadian Turbo. Laboratory testing from one monitoring well showed that concentration of dissolved petroleum hydrocarbons in the groundwater did not exceed the draft Level II fine grained inhalation risk management criteria of the Guidelines. The suggestion for closure drilling and groundwater testing offsite to the southwest is related to the former location of the pump island on the Hardware store property. This could be completed by the owner/operator of the site or another possible receptor. It is only confirmation for the Village, that if repair or replacement work of the utility pathway near this site is ever required, that any extra expense related to any release(s) from the former pump island system are managed in the most efficient manner.

.../2

- November 1, 1996
File #: 4040-BA04-2
Page 2

Canadian Turbo will be undertaking an environmental assessment at the Turbo bulk plant located next to the Barons Hardware site. This site investigation should be completed in the next week or two (not considering report preparation and laboratory testing time). If you are interested in a copy of the Turbo Resources report information, I suggest that you contact Turbo Resources (the company that will have paid for the technical report) or the Environmental Regulatory Services Freedom of Information and Protection of Privacy Act Coordinator in the Edmonton office @ 427-4429.

Thank you for your interest in the remediation at this site. Please call me at 382-4255 if you wish further discussion.

Yours truly,


Don Wyrostock

DW/tlm

mailed
11/4/96



Chemicals Assessment &
Management Division
Groundwater Protection Branch



Room 2,79, 2nd floor
Provincial Building
200 - 5 Avenue S.
Lethbridge, Alberta
Canada T1J 4L1

Telephone 403/381-5456
Fax 403/382-4428

October 9, 1996

FILE #4040 BA04-2

Mr. & Mrs. Smith and Marie Read
Barons Hardware
214 Main Street
Barons, Alberta
T0L 0G0

Dear Mr. & Mrs. Read:

**Re: Review Comments
Hasegawa Engineering Ltd.
August 13, 1996 Remediation Report**

I have completed my review of the referenced report. The site sensitivity assessment by Hasegawa Engineering Ltd. concluded that the Level II inhalation risk management criteria for fine-grained soil should be used to assess the site remediation results. These criteria are presented in the Alberta Environmental Protection draft document *Remediation Guidelines for Petroleum Storage-Tank Sites - 1994*. I concur with this interpretation of the site conditions.

Since it was not possible to meet the cleanup objectives in soils beneath the building, a vapour management system was installed along the south and east foundation wall of the store. The purpose of the vapour extraction system is to remove the residual fuel vapours originating in contaminated soils where the Level II criteria are exceeded. Periodic monitoring of this system will be necessary to confirm that mitigation of the residual contamination is occurring naturally.

The excavation undertaken at this site also showed that petroleum contamination may have migrated offsite under the Village of Barons roadway and into the utility trench. As we discussed, all affected parties must be advised of any contamination that may have migrated into their property. An agreement must be reached with these parties on the remediation and risk management undertaken. I am aware that you have met with the council in Barons to inform them of the possibility that contamination has migrated onto their property. I understand that you and the Village will attempt to come to a mutually acceptable agreement regarding management of this problem. Please keep me advised regarding the results of these discussions.

....2

October 9, 1996
File #: 4040-BA04-2
Page 2

I suggest that there is still some investigation work required to learn the extent, if any, of offsite impact under the Village of Barons roadway property. During an offsite investigation it will also be necessary to confirm the presence or absence of free product on the water table and to determine the concentration of dissolved fuel in the groundwater.

Thank you for your remedial efforts undertaken on this site. Please call me at 382-4255 if you wish further discussion.

Yours truly,


Don Wyrostock

MAILED 10/17/96

FAXED
10/16/96



October 11, 1996

FILE: #4040 BA04-1

Mr. Bradley Mersereau P.Eng.
Canadian Turbo Inc.
630 - 4 Street S.W.
Calgary, Alberta
T2P 0J9

Dear Mr. Mersereau:

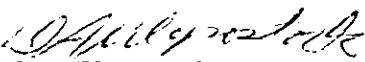
**Re: Barons Turbo Bulk Plant
235 Main Street, Barons**

I am writing to confirm the action plan developed as a result of our conversation today. Canadian Turbo will be undertaking an environmental site investigation on the bulk station property in Barons. You expect the work to be completed and a report submitted to Alberta Environmental Protection in 4-5 weeks. The report will include a remediation plan if remediation is necessary.

I will be contacting you if I haven't received the report by November 15, 1996.

Thank you for your quick response. Please call me at 382-4255 if you have any questions or comments regarding the above schedule.

Yours truly,



Don Wyrostock

cc: Bob Chandler



CHEMICAL ASSESSMENT & MGMT DIVISION
Groundwater Protection Branch

Room 2/79, 2nd floor
Provincial Building
200 - 5 Avenue S
P.O. Box 3014
Lethbridge, Alberta
Canada T1J 4C7

Telephone 403/381-5456
Fax 403/382-4428

April 2, 1996

FILE#: 4040-BA04-1

Mr Bradley Mersereau, P Eng.
Canadian Turbo (1993) Inc.
3rd Floor, 630 - 4th Avenue SW
Calgary, Alberta
T2P 0J9

Dear Mr Mersereau.

**Re: Barons Bulk Station
235 Main Street**

I have checked my file concerning the above referenced site. I have noted that soil petroleum hydrocarbon contamination exceeding the site sensitivity criteria exists in the subsurface at this site. I have not been informed that a risk management/risk reduction plan has been undertaken. Please provide me with a remediation proposal.

Thank you for your cooperation.

Yours truly,



Don Wyrostock

4/2/96



1000

INCIDENT CALL DETAILS

CALL # 031216
INCIDENT # 118763
FILE ☐ NON FILE ☒

72 HOUR
NOTIFICATION

CALL TYPE INFORMED		PRIORITY		STATUS		MONITOR		PROACTIVE		EMERGENCY RESPONSE CLASSIFICATION	
CALL TAKEN		RECORD SECTION		RELATED INCIDENT		REFERRED TO		DATE		Y M D	
INCIDENT DATE		INCIDENT TIME		NAME & NUMBER		INCIDENT LOCATION		SOURCE		SOURCE LOCATION	
COUNTRY		REGION		CATEGORY		INVESTIGATION		CO-INVESTIGATOR			

[illegible]

CONCLUDED
BEST COPY AVAILABLE

CANADIAN TURBO INC.

815 - 8th Avenue S.E.
Calgary, Alberta T2P 3P2
Telephone: 403-294-6573
Fax: 403-294-6573



November 4, 1992

Mr. Don Wyrostock
Alberta Environment
Groundwater Protection Branch
P.O. Box 3014
Cousins Building, Lethbridge Community Centre
Lethbridge, Alberta T1J 4C7

VIA FAX

Re: BARONS (TURBO BULK) - UPDATE

Macnacon Environmental Services Inc. has been retained by Canadian Turbo to conduct a site assessment at this location. The work has been done and the report forthcoming which, when received by Turbo, you will be sent a copy. Mr. Leon Gullickson, Keho Alta Industries Ltd. has been given notice by Turbo that we will no longer supply him with fuel as of November 30, 1992. At such time, the underground fuel lines from Turbo's Bulk facility to Barons Hardware will be removed and not used.

If you have any questions or concerns please feel free to call me at (403) 294-6524.

Very truly,

CANADIAN TURBO INC.

Keith Madsen, P. Eng.
Environmental Services Engineer

Brad Mersereau

FAX	
Dept	ALTA
Ext	382
No. of Pages	
From	KEITH
Date	
Company	
Fax No	294
Comments	
Post it	

BEST COPY AVAILABLE



ENVIRONMENT
Environmental Protection Services
Wastes and Chemicals Division
Groundwater Protection Branch

Box 3014, Cousins Building, Lethbridge, Alberta, Canada T1J 4B3 403/381-5456

September 14, 1992

OUR FILE#: 4040-BA04

Canadian Turbo Inc.
815 - 8 Ave. S. W.
Calgary, Alberta
T2P 3P2

ATTENTION: MR. KEITH MADSEN

Dear Sir:

RE: BARONS (TURBO BULK)

Work on the Barons Turbo Bulk was to have been completed by the end of July 1992. Alberta Environment has no further update to confirm if the decommissioning has been completed. Could you please advise of the current status of this project.

Yours truly,

A handwritten signature in cursive script, appearing to read 'Don Wyrostock'.

DON WYROSTOCK
TECHNOLOGIST

cc: Bob Chandler
Peter Schonekess

DW/tlm

MAILED 9/15/92



INCIDENT CALL DETAILS

ENTERED

CALL # 010525

INCIDENT # 110201

FILE ☒ NON FILE ☐ OLD FILE ☐

CALLER'S NAME <i>Wapostock, Don</i>			AFFILIATION <i>A.E. Leth.</i>		
ADDRESS LOCATION			CITY <i>Lethbridge</i>	HOME PHONE	WORK PHONE <i>382-4255</i>
DATE CALLED M <i>06</i>	Y <i>10</i>	Y <i>92</i>	TIME CALLED <i>1100</i>	CALL LINE	CALL DETAILS <i>Remediation & tank removal at site in Brown</i>
72 HOUR NOTIFICATION ☐					

CALL INFORMATION

CALL TYPE INFO REQUEST ☐	REFERRAL ☐	INCIDENT ☒	INDUSTRY CALL ☐	PROACTIVE ☐	EMERGENCY RESPONSE CLASSIFICATION
CALL TAKEN BY <i>PHS</i>	POD JURISDICTION ☒ YES ☐ NO	RELATED INCIDENT	REFERRED TO	DATE	
			TIME	REASON	
	INCIDENT TIME <i>92</i>				
	SOURCE <i>idea</i>	SOURCE <i>Turbo (Bull)</i>			
	OFFENSE CATEGORY <i>37</i>	INVESTIGATION <i>22</i>	FOR VERIFICATION		

INDUS.

NOTIFICATIONS

PARAMETER	DATE M D Y	TIME START END	PARAMETER (UNIT)	LICENSE LIMIT REGS	SPEED	TIME

OTHER

NOTES

SEE BACK FOR GLOSSARY
SHALL BE AS APPLICABLETERMS
BY ENTER WHERE

CONCLUDED

DATE

FILE COPY



CANADIAN TURBO INC.

815 - 8th Avenue S.W.
Calgary, Alberta, Canada T2P 3P2
Telephone: 403-294-6400
Fax: 403-294-6573



June 24, 1992

Mr. Don Wryostock
Alberta Environment
Environmental Protection Services
Wastes and Chemicals Division
Groundwater Protection Branch
Box 3014 Cousins Building
Lethbridge, AB
T1J 4B3

Dear Mr. Wryostock:

Subject: Barons Bulk Plant Removal of Underground Fuel Lines Environmental
Letter 10 June 1992

I received your letter regarding the removal of the underground fuel lines at this site.

This work will be proceeding in late June and should be completed by the end of July. Tim Fitzsimmons of Lethbridge office will be coordinating the work in conjunction with Keith Madsen in Calgary head office. Tim can be reached by phone at 381-3855 or fax at 381-3856. Keith can be reached by phone at 294-6524 or by fax at 294-6573.

Please contact either for a further update on the progress at this project.

Regards,

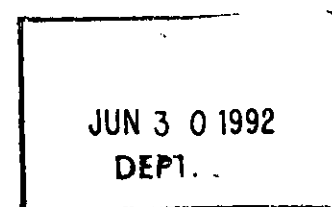
Bradley Merserau P. Eng.
Manager Field Services

BDM:tl

enclosure: Letter Alberta Environment Don Wryostock 10 June 1992

c.c.	W. Robertson	Canadian Turbo Inc.
	T. Fitzsimmons	Canadian Turbo Inc.
	D. McKellar	Canadian Turbo Inc.

d:\merserau\letters\barons ltr







ENVIRONMENT
Environmental Protection Services
Wastes and Chemicals Division
Groundwater Protection Branch

Box 3014, Cousins Building, Lethbridge, Alberta, Canada T1J 4B3 403/381-5456

June 10, 1992

Canadian Turbo Inc.
815 - 8 Ave. S. W.
Calgary, Alberta
T2P 3P2

ATTENTION: MR. TIM FITZSIMMONS

Dear Tim:

RE: BARONS-TURBO BULK PLANT REMOVAL OF UNDERGROUND FUEL LINES

Thank you for your 10 February 1992 letter informing Alberta Environment of work to be completed at the Barons-Turbo Bulk Plant site. Your letter said that the work was to be completed by 20 March 1992 and that Canadian Turbo would send a letter informing that the work has been completed. I have not received the letter. Has remediation work been completed at this site according to the draft Alberta Subsurface Remediation Guidelines for Underground Storage Tanks. Please keep me informed.

Yours truly,

A handwritten signature in cursive script, appearing to read 'Don Wyrostock'.

DON WYROSTOCK
TECHNOLOGIST

cc: Bob Chandler
Peter Schonekess

DW/tlm

MAILED 86/16/92

MEMORANDUM

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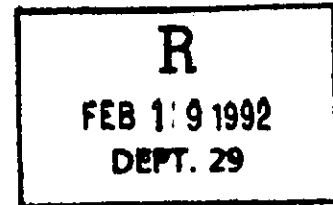
CANADIAN TURBO INC.

815 - 8th Avenue S.W.
Calgary, Alberta, Canada T2P 3P2
Telephone 403-294-6400
Fax 403-294-6502



February 10, 1992

Mr. Don Wyrostock
Alberta Environment
Ground Water Protection Branch
Box 3014
Cousins Building, L.C.C.
Lethbridge, Alberta
T1J 4C7



Dear Mr. Wyrostock:

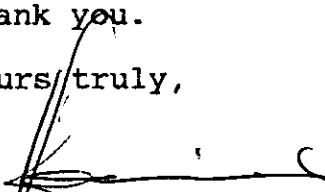
Re: Barons Turbo Bulk Plant
Removal of Underground Fuel Lines

As previously discussed, Canadian Turbo Inc. will be removing the underground fuel lines from our bulk plant to the Barons Hardware. We anticipate that work will be completed by March 30, 1992.

Once work has been completed, you will receive a letter from Canadian Turbo Inc. advising you of such. This letter is an update for your files. Please direct any questions to the writer at 381-3855.

Thank you.

Yours truly,


Tim Fitzsimmons
Territory Manager
Southern Marketing
Lethbridge, Alberta

TRF/lb

cc: R. Nielson
B. Mersereau
B. Robertson

T. R. (Tim) Fitzsimmons
Territory Manager
Southern Marketing Region



CANADIAN TURBO INC
Box 1715
Lethbridge, Alberta T1J 4K4
Bus 403-381-3855
Fax 403-381-3856
Res 403-381-7797

SECRET
1985 11 18
DEPT. OF