

July 4, 2023

Project: 696070

Alberta Environment and Protected Areas  
Contaminated Sites and Remediation Program  
Twin Atria Building  
#111, 4999 – 98 Avenue  
Edmonton, Alberta T6B 2X3

**ATTENTION:** Steven Fiddler, B.Sc., Contaminated Sites Coordinator

**REFERENCE:** Response to AEPA Request for Information on Environmental Status  
(AEPA Letter Dated April 5, 2023)  
Former Barons Turbo Bulk Station (Shell Location Code: C42520)  
235 Main Street, Barons, AB; Lots 21 to 27, Block 6, Plan 2605X  
AEPA File No. 00082402

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On behalf of Shell Canada Products (Shell), SNC-Lavalin Inc. (SNC-Lavalin) is providing a response to Alberta Environment and Protected Areas (AEPA)'s request for information, dated April 5, 2023, on the environmental status of the former Turbo bulk station located at 235 Main Street in Barons, Alberta (the "Site").

The location of the Site within the Village of Barons is presented on the attached [Site Location](#) drawing. The adjacent land uses and current Site configuration are presented on the attached [Site and Surrounding Land Use](#) and [Site Plan](#) drawings, respectively.

## 1 Comments and Responses

The most recent report that AEPA has on file is a report entitled "*Groundwater Monitoring Well Decommissioning, Former Barons Turbo Bulk Station, 235 Main Street, Barons, Alberta, Location No. C42520*", dated March 30, 2009, prepared by O'Connor Associates Environmental Inc.

The comments provided by AEPA in its letter are reproduced in **bold** below, followed by SNC-Lavalin's response to the comments.

- 1) Copies of any environmental site assessments, groundwater monitoring, remediation, and/or risk management reports documenting activities conducted at the site and/or the off-site impacted areas since March 2009, excluding the report noted above.**

Correct. No other investigations or assessment have been completed at that Site nor have any new reports since March 2009 been issued for the Site or off-Site areas.



**2) If no environmental site assessments, groundwater monitoring, risk management, or remediation activities have been completed since March 2009, provide a written update outlining if and when additional assessment, remedial, and/or risk management activities will be completed and the anticipated date when reports will be submitted.**

As indicated in the Shell files and on AEPA's Environmental Site Assessment Repository (ESAR), the last investigations completed at the Site (monitoring well decommissioning) occurred on March 20, 2008, as detailed in the report entitled *Groundwater Monitoring Well Decommissioning, Former Barons, Alberta, Location Code: C42520 – AENV File #82402*, dated March 30, 2009, prepared by O'Connor Associates Environmental Inc. (O'Conner [2009]).

All the environmental investigation, assessment, and remediation reports associated with the Site completed from 1992 through to 2009 have been submitted to AEPA and are all currently available on ESAR. No other environmental investigations have been completed at the Site since 2009.

It is, however, noted that while reviewing the environmental reports and associated correspondence on ESAR, there does not appear to be a finalized copy of the following reports entitled:

- *Environmental Site Assessment, Former Barons Turbo Bulk Station, 235 Main Street, Barons, Alberta*, dated July 24, 1998, prepared by Seacor Environmental Engineering Inc. (Seacor [1998a]) – there is only a partial draft copy of this report on ESAR; and
- *Remedial Action Plan, Former Barons Turbo Bulk Station, 235 Main Street, Barons, Alberta*, dated February 1999, prepared by Seacor Environmental Engineering Inc. (Seacor [1999]).

Of note, there are also six documents on ESAR that are not associated with the Site, but instead are associated with the adjacent 214 Main Street property (Lots 28 to 35, Block 6, Plan 2605X [Baron's Hardware Property]).

Currently Shell/SNC-Lavalin requires additional time (approximately three months [target date of September 28, 2023]) to fully review and re-cast the historical analytical data associated with the Site to the current 2022 AEPA guidelines. Upon doing so and if warranted, re-casting the historical analytical data will allow Shell/SNC-Lavalin to develop a Remedial Action Plan (RAP) and/or Risk Management Plan (RMP) to address any potential environmental concerns with respect to any residual petroleum hydrocarbon (PHC) contamination at the Site and/or the adjacent Village of Barons roadways and right-of-way associated with the former Site.

**3) Provide a current Record of Site Condition (RSC) for this site (refer to <https://www.alberta.ca/part-two-assessment-and-reporting.aspx>)**

As per the response to point 2 above, Shell/SNC-Lavalin requires more time to review and re-cast the historical analytical data associated with the Site to the current 2022 AEPA guidelines at which time an RSC will be completed.

We trust the above responses adequately address AEPA's questions.





## 2 Closure

Copying of this letter is not permitted without the express permission of Shell and SNC-Lavalin. We trust the foregoing is sufficient for your current requirements. Should you have any questions or require additional information at this time, please contact the undersigned.

**Nigel Creightney, B.A., A.Sc.T.**  
Senior Project Manager

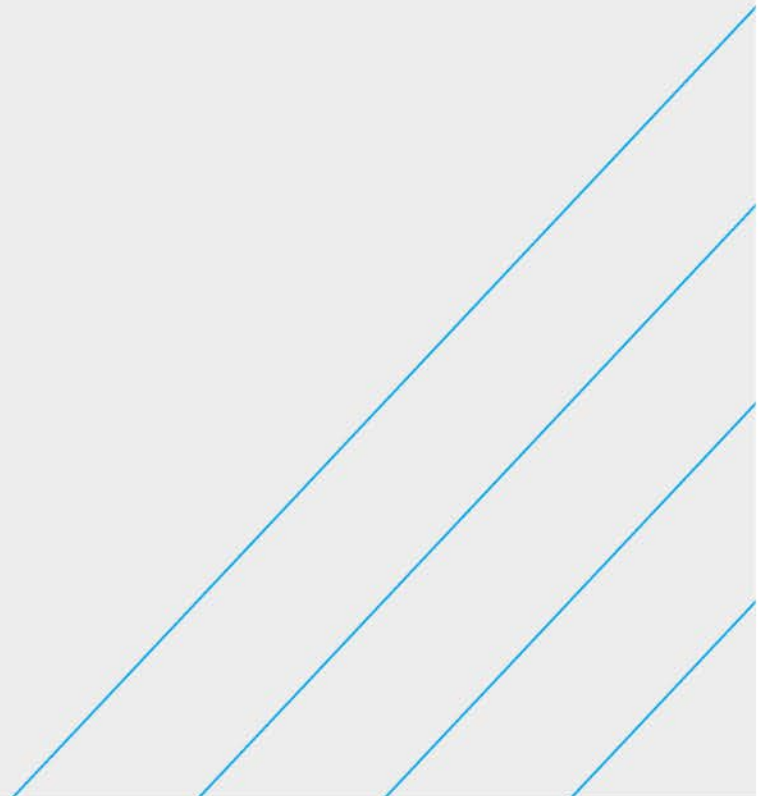
*Environment Practice*  
**Engineering Services Canada**

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# Drawings

- Site Location
- Site and Surrounding Land Use
- Site Plan





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## SITE LOCATION

|                     |                  |                |                                                   |                                                       |                  |                              |
|---------------------|------------------|----------------|---------------------------------------------------|-------------------------------------------------------|------------------|------------------------------|
| DATE:<br>2023 06 15 | DRAWN BY:<br>CDM | CHECKED:<br>NC | CLIENT NAME:<br>SHELL CANADA PRODUCTS, LC: C42520 | PROJECT LOCATION:<br>235 MAIN STREET, BARONS, ALBERTA | SCALE:<br>1:4000 | SERIES NUMBER:<br>696070-001 |
|---------------------|------------------|----------------|---------------------------------------------------|-------------------------------------------------------|------------------|------------------------------|



LEGEND

SITE PROPERTY LINE

LOT LINE

NOTES

1. ORIGINAL DRAWING IN COLOUR.

2. LOCATION OF FACILITIES AND UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED PRIOR TO INVESTIGATIVE WORK. NOT ALL FACILITIES OR UTILITIES MAY BE SHOWN.

REFERENCE DRAWINGS

|          |      |             |
|----------|------|-------------|
|          |      |             |
| —        | —    | —           |
| DWG. NO. | DATE | DESCRIPTION |

REVISIONS

|      |      |             |    |     |
|------|------|-------------|----|-----|
|      |      |             |    |     |
|      |      |             |    |     |
|      |      |             |    |     |
| 0    | —    | —           | —  | —   |
| REV. | DATE | DESCRIPTION | BY | CHK |

01020304050

METRES

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CLIENT NAME:  
SHELL CANADA PRODUCTS  
LC: C42520

PROJECT LOCATION:  
235 MAIN STREET  
BARONS, ALBERTA

SITE AND SURROUNDING LAND USE

|             |                     |                    |                    |
|-------------|---------------------|--------------------|--------------------|
| DWN BY: CDM | SCALE: 1:1000       | DATE: 2023 06 15   | SERIES No: REV.: 0 |
| CHK'D: NC   | PLOT: 20230703.1046 | CADFILE: 696070R00 | 696070-002         |

