July 21, 2015

Dear [Redacted]

Re: Your request for access to information under Part II of the Access to Information and Protection of Privacy Act [Our File #: SNL-026-2015]

On June 24, 2015 Service NL received your request for access to the following records/information:

"Any and all records, data and information whatsoever, in any other form and for all time periods available, respecting or in any way concerning or related to the operation of a dry cleaning operation from in or around 159 Pennywell Road, St. John’s, Newfoundland and Labrador (the “Property”), which Property is more generally shown as outlined in red in the attached mapping marked Schedule “A”. The Applicant believes that the Dry Cleaning Operation is presently operated by a locally incorporated company with the name “Deluxe Dry Cleaners Limited” (the “Company”). For greater certainty, and without limitation, the Applicant seeks the following:

(a) Any permits, licences, approvals or authorizations of any kind whatsoever issued to the Company or any other entity or individual allowing for the operation of a dry cleaning operation from the Property, as well as the applicable terms and conditions and any associated record;

(b) Any applications submitted by or on behalf of the Company or any other entity or individual seeking a permit, licence, approval or authorization for the carrying on of a dry cleaning operation from the Property, and any correspondence or other records in respect thereof;

(c) Any reporting, record of site condition, inspections, incident reports, filings or record of any kind respecting any dry cleaning operation carried on from the Property, including, without limitation, any reports and associated records submitted under Federal or Provincial Legislation or Regulations, including under the Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations, SOR/2003-79;

(d) Any spill or contamination reports, environmental assessments, clean-up or remediation orders respecting the activities carried on from the Property and any associated documentation or consideration thereof; and,

(e) Any record whatsoever respecting the potential or actual contamination of the Property or properties in the immediate vicinity, whether as a result of a dry cleaning operation from the Property or otherwise."

In addition to your above request for information on 159 Pennywell Road, we have received your clarification via email on June 30, 2015 to include 154 Pennywell Road in your access request. I am pleased to inform you that a decision has been made by Service NL to provide access in part to the requested information.
Access to specific text of personal information contained within the records has been refused in accordance with the following exceptions to disclosure, as specified in the Access to Information and Protection of Privacy Act (the Act):

Section 40(1): "The head of a public body shall refuse to disclose personal information to an applicant where the disclosure would be an unreasonable invasion of a third party's personal privacy."

As required by 8(2) of the Act, we have severed information that is unable to be disclosed and have provided you with as much information as possible. In accordance with your request for a copy of the records, the appropriate copies have been sent to you electronically.

Please be advised that you may appeal this decision and ask the Information and Privacy Commissioner to review the Department’s decision to provide partial access to the requested information, as set out in section 42 of the Act (a copy of this section of the Act has been enclosed for your reference). A request to the Commissioner must be made in writing within 15 business days of the date of this letter or within a longer period that may be allowed by the Commissioner. Your appeal should identify your concerns with the request and why you are submitting the appeal.

The appeal may be addressed to the Information and Privacy Commissioner as follows:

Office of the Information and Privacy Commissioner
2 Canada Drive
P. O. Box 13004, Stn. A
St. John’s, NL A1B 3V8

Telephone: (709) 729-6309
Toll-Free: 1-877-729-6309
Facsimile: (709) 729-6500

You may also appeal directly to the Supreme Court Trial Division within 15 business days after you receive the decision of the public body, pursuant to section 52 of the Act (a copy of this section of the Act has been enclosed for your reference).

Please be advised that responsive records will be published following a 72 hour period after the response is sent electronically to you or five business days in the case where records are mailed to you. It is the goal to have the responsive records posted to the Office of Public Engagement’s website within one business day following the applicable period of time. Please note that requests for personal information will not be posted online.

If you have any further questions, please contact me by telephone at 709-729-7437 or by email at ellenhaskell@gov.nl.ca.

Sincerely,

ELLEN HASKELL
ATIPP Coordinator

Enclosures
Access or correction complaint (Section 42)

42. (1) A person who makes a request under this Act for access to a record or for correction of personal information may file a complaint with the commissioner respecting a decision, act or failure to act of the head of the public body that relates to the request.

(2) A complaint under subsection (1) shall be filed in writing not later than 15 business days

   a) after the applicant is notified of the decision of the head of the public body, or the date of the act or failure to act; or

   b) after the date the head of the public body is considered to have refused the request under subsection 16 (2).

(3) A third party informed under section 19 of a decision of the head of a public body to grant access to a record or part of a record in response to a request may file a complaint with the commissioner respecting that decision.

(4) A complaint under subsection (3) shall be filed in writing not later than 15 business days after the third party is informed of the decision of the head of the public body.

(5) The commissioner may allow a longer time period for the filing of a complaint under this section.

(6) A person or third party who has appealed directly to the Trial Division under subsection 52 (1) or 53 (1) shall not file a complaint with the commissioner.

(7) The commissioner shall refuse to investigate a complaint where an appeal has been commenced in the Trial Division.

(8) A complaint shall not be filed under this section with respect to

   a) a request that is disregarded under section 21;

   b) a decision respecting an extension of time under section 23;

   c) a variation of a procedure under section 24; or

   d) an estimate of costs or a decision not to waive a cost under section 26.

(9) The commissioner shall provide a copy of the complaint to the head of the public body concerned.
Direct appeal to Trial Division by an applicant (Section 52)

52. (1) Where an applicant has made a request to a public body for access to a record or correction of personal information and has not filed a complaint with the commissioner under section 42, the applicant may appeal the decision, act or failure to act of the head of the public body that relates to the request directly to the Trial Division.

(2) An appeal shall be commenced under subsection (1) not later than 15 business days

a) after the applicant is notified of the decision of the head of the public body, or the date of the act or failure to act; or

b) after the date the head of the public body is considered to have refused the request under subsection 16 (2).

(3) Where an applicant has filed a complaint with the commissioner under section 42 and the commissioner has refused to investigate the complaint, the applicant may commence an appeal in the Trial Division of the decision, act or failure to act of the head of the public body that relates to the request for access to a record or for correction of personal information.

(4) An appeal shall be commenced under subsection (3) not later than 15 business days after the applicant is notified of the commissioner’s refusal under subsection 45(2).
LETTER OF TRANSMITTAL

TO: Government Service Centre
5 Memo Place
St. John's, NF

WE ARE SENDING YOU:

- Draft Report
- Copy of Letter
- Plans
- Samples
- Specifications
- Final Report
- Prints
- Change Order
- Other

## DESCRIPTION##

<table>
<thead>
<tr>
<th>COPIES</th>
<th>DATE</th>
<th>NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td>Tank Replacement &amp; Site Remediation</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Petro-Canada Service Station</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>154 Penneywell Rd., St. John's, NF</td>
</tr>
</tbody>
</table>

RECEIVED
G.S.C.
SEP 30 1998

OPERATIONS
ST. JOHN'S

THESE ITEMS ARE TRANSMITTED:

- For Approval
- Approved as Submitted
- Other
- For Your Use
- Approved as Noted
- For Review and Comment

REMARKS

COPY TO

SIGNED: (Redacted)

If enclosures are not as noted, kindly notify us at once.
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atippoffice@gov.nl.ca.
**Newfoundland Labrador**  
**Service NL**

---

**SERVICE STATION INSPECTION REPORT**

**Inspection Date:**

**General**

<table>
<thead>
<tr>
<th>Name of Facility</th>
<th>North Atlantic Petroleum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location (Street/Road)</td>
<td>154 Pennywell Road</td>
</tr>
<tr>
<td>Site Manager/Supervisor</td>
<td></td>
</tr>
<tr>
<td>Fuel Supplier</td>
<td>North Atlantic</td>
</tr>
<tr>
<td>Telephone No., Site</td>
<td></td>
</tr>
<tr>
<td>Company Name</td>
<td>North Atlantic Petroleum</td>
</tr>
<tr>
<td>Mailing Address</td>
<td>154 Pennywell Road</td>
</tr>
<tr>
<td>Contact Name</td>
<td></td>
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<tr>
<td>Business Telephone No.</td>
<td>709579833</td>
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**Tank Information**

<table>
<thead>
<tr>
<th>Tank Number</th>
<th>Tank Type</th>
<th>Size</th>
<th>Year Manufactured</th>
<th>Product</th>
<th>Above or Below Ground</th>
</tr>
</thead>
</table>

- If applicable, is the vacuum (or pressure) gauge reading on the double-walled tank(s) okay?  
  - Yes  
  - No

- Are there out of service tanks on site?  
  - Yes  
  - No

- If so, explain (include registration number for out of service tanks):

---

**Dip Tests and Reconciliations**

<table>
<thead>
<tr>
<th>Records on site</th>
<th>Records kept for 2 years</th>
<th>Comments:</th>
</tr>
</thead>
</table>
| Yes | No | Recorded on proper forms or computer?  
  - Yes  
  - No  
  - Completely filled out  
    - Yes  
    - No  
  - Tests performed weekly for above ground tanks?  
    - Yes  
    - No  
    - N/A  
  - Tests performed daily for underground tanks?  
    - Yes  
    - No  
    - N/A

---

**Used Oil Storage**

<table>
<thead>
<tr>
<th>Used oil stored on site?</th>
<th>Volume (litres)</th>
</tr>
</thead>
</table>

- Yes  
- No  

- Storage Method?  
  - Tank  
  - Barrel  
  - Other

- Oil/Water Separator?  
  - Yes  
  - No

---

**Office Use Only**

**Entered:** NOV 8, 2014

---

**Page 1 of 2**
### Reporting

<table>
<thead>
<tr>
<th>Reporting</th>
<th>CCG Spill Report Number Posted?</th>
<th>Do they know Reportable Volume (70 Litres)?</th>
<th>Do they know they are legally required to report?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes [ ] No [ ]</td>
<td>Yes [ ] No [ ]</td>
<td>Yes [ ] No [ ]</td>
</tr>
</tbody>
</table>

### Fuel Spills and Clean-up Equipment

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td>Are there fuel or oil stains around the plant site?</td>
<td></td>
<td></td>
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<tr>
<td>If yes, are they being properly addressed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are there specific absorbents stored on-site?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Clean-up equipment on site?</td>
<td>Yes</td>
<td>No</td>
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</table>

Describe: Snail trail

### Deficiencies

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<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td>Were there any other deficiencies?</td>
<td></td>
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</table>

If yes, explain:

Compliance Date:

*(The above noted deficiencies and directives are expected to be corrected by this compliance date. Failure to do so may result in further legal action being initiated. You may contact your local Government Service Centre to discuss any concerns you may have with items noted above.)*

### Site Sketch

Site sketch included in report indicating problem areas? (Yes [ ] No [ ] Not Necessary)

Comments/Directives

### Photos (attach to form)

Owner/Operator's Signature

Inspector's Signature

Section 40(1)

Date inspected Aug 29/14

Date Aug 29/14
### Monthly Product Over/Short Summary

<table>
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<tr>
<th>Week</th>
<th>Over (±)</th>
<th>Cumulative Over/Short</th>
<th>Over (±)</th>
<th>Cumulative Over/Short</th>
<th>Over (±)</th>
<th>Cumulative Over/Short</th>
<th>Over (±)</th>
<th>Cumulative Over/Short</th>
<th>Over (±)</th>
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</table>

**Note:** The carry forward cumulative over/short from previous month.

**Date:** Feb 2, 2014

**Operation:** ST JOHN'S
<table>
<thead>
<tr>
<th>Date</th>
<th>AA</th>
<th>BB</th>
<th>CC</th>
<th>DD</th>
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<tbody>
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<td>31</td>
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</table>

* Error 0 on this line if current month is January.

- **AA**: Line 3B from previous month
- **BB**: Line AA plus this month's last day
- **CC**: Mortality basis
- **DD**: Cumulative percent of sales

* Calculate as: Total closing meter readings (Line A from last day) - Total opening meter readings (Line B from day 1)

Check for the following:
- **Daily**: Shortages on 5 consecutive days (including up to last 4 days of previous month)
- **Monthly**: Shortages on 16 or more days this month

If you have any one of the above, first check all calculations. If unable to identify the reason, contact your Territory Manager.
<table>
<thead>
<tr>
<th>Premium</th>
<th>Mid-grade</th>
<th>Regular</th>
<th>Diesel/Propane</th>
<th>P M R D</th>
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<tbody>
<tr>
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<td>Cumulative Over/Short</td>
<td>Over (+) Short (c)</td>
<td>Cumulative Over/Short</td>
<td>Over (+) Short (c)</td>
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</tbody>
</table>

**Notes:**
- Do not carry forward cumulative over/short from previous month.

**Instructions:**
- Enter 0 on this line if current month is January.

* Calculate as: Total Closing Meter Readings (Line A from last day) - Total Opening Meter readings (Line B from day 1)

Check for the following:
- (daily) Shortages on 5 consecutive days include up to last 4 days of previous month
- (monthly) Shortages on 15 or more days this month
- Cumulative shortages - 0.5% of throughput, by tank*, this month

*If you have any one of the above, first check all calculations, if unable to identify the reason, contact your Territory Manager.*
# Monthly Product Over/Short Summary

<table>
<thead>
<tr>
<th></th>
<th>Premium</th>
<th>Mid-Grade</th>
<th>Regular</th>
<th>Diesel/Dyed</th>
<th>PMHD</th>
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<tbody>
<tr>
<td>Over (+) Short (-)</td>
<td>Cumulative Over/Short</td>
<td>Over (+) Short (-)</td>
<td>Cumulative Over/Short</td>
<td>Over (+) Short (-)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>-44</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>-29</td>
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<td></td>
</tr>
<tr>
<td>7</td>
<td>-27</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>+36</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9</td>
<td>+12</td>
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<td>10</td>
<td>+31</td>
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<tr>
<td>11</td>
<td>-8</td>
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<td></td>
</tr>
<tr>
<td>12</td>
<td>-21</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>+26</td>
<td></td>
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</tr>
<tr>
<td>14</td>
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<td>16</td>
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<td></td>
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<td>17</td>
<td>-10</td>
<td></td>
<td></td>
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<td>18</td>
<td>-10</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>19</td>
<td>+85</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>+74</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>-25</td>
<td></td>
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<td>22</td>
<td>+77</td>
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<tr>
<td>23</td>
<td>-23</td>
<td></td>
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<td>24</td>
<td>+13</td>
<td></td>
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</tr>
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<td>25</td>
<td>-1</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>26</td>
<td>-33</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>27</td>
<td>+1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>+4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>+3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** *Do not carry forward cumulative over/short from previous month.*

_Ever 0 on this line if current month is January.*

```
AA  Line BB from previous month
BB  Line AA plus this month's net day
CC  Monthly Sales
DD  Gas, Diesel % of Sales
```

*Calculate as: Total Closing Meter Readings (Line A from last day) * Total Opening Meter readings (Line B from day 1)*

Check for the following:
- Daily Shortage on 5 consecutive days (include up to last 4 days of previous month)
- Monthly Shortage on 10 or more days this month
- Cumulative shortage, 0.5% of throughout, by tank, this month

If you have any one of the above, first check all calculations. If unable to identify the reason, contact your Territory Manager.

Na 3001-1
Used Oil

<table>
<thead>
<tr>
<th>5</th>
<th>Used oil generated?</th>
<th>Yes □</th>
<th>No □</th>
<th>Oil water separator</th>
<th>Yes □</th>
<th>No □</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(b) Storage method</td>
<td>1 x 205 L tank □</td>
<td>Other (describe) □</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reporting

<table>
<thead>
<tr>
<th>6</th>
<th>(a) CCO spill report number posted?</th>
<th>Yes □</th>
<th>No □</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(b) Do they know reportable volume (70 litres)?</td>
<td>Yes □</td>
<td>No □</td>
</tr>
<tr>
<td></td>
<td>(c) Do they know they are legally required to report?</td>
<td>Yes □</td>
<td>No □</td>
</tr>
</tbody>
</table>

Dips and reconciliations

<table>
<thead>
<tr>
<th>7</th>
<th>(a) Records kept on site?</th>
<th>Yes □</th>
<th>No □</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(b) Test performed daily?</td>
<td>Yes □</td>
<td>No □</td>
</tr>
<tr>
<td></td>
<td>(c) Records kept for two years?</td>
<td>Yes □</td>
<td>No □</td>
</tr>
<tr>
<td></td>
<td>(d) Records on proper forms?</td>
<td>Yes □</td>
<td>No □</td>
</tr>
<tr>
<td></td>
<td>(e) Manual dip? □</td>
<td>Computer □</td>
<td></td>
</tr>
</tbody>
</table>

Additional Comments/directives/evidence of overfills, general site conditions (tires, vehicle wrecks, etc.)

- Computer dip records for 1-7/9-7/60 offline meter generator
- Showing volume numbers, most likely transferred final meter scanned into computer
- Land site conditions

Compliance

- Compliance Date: 2014/03/15
- Compliance Data: 2014/03/15
- *(The above noted deficiencies and directives are expected to be corrected by this compliance date. Failure to do so may result in further legal action being initiated. You may contact your local Government Service Centre to discuss any concerns you may have with items noted above.)*

Inspector's Signature: [Signature]

Date: 2014/02/19
### Service Station Inspection Report

**Regional and District Offices**
- St. John's: (709) 729-2550
- Clarenville: (709) 486-4061
- Grand Falls-Windsor: (709) 292-4200
- Corner Brook: (709) 637-2294
- Happy Valley-Goose Bay: (709) 896-5428

**Complete in Full (Please print)**

### 1. Name of Facility
- North Atlantic Petroleum

### 2. Location (Street/Road)
- 1st Pennywise Rd.
- Community: St. Johns
- Site Manager/Supervisor: [Redacted]
- Fuel Supplier: Seaboard

### 3. Telephone No., Size
- Size: 574-8633
- Cell: [Redacted]
- Fax: 574-8633

### 4. Company Name
- [Redacted]
  - Telephone No: Business: [Redacted]
  - Mailing Address: [Redacted]

### 5. Distance of Tank(s) to the Nearest Feature (if less than 200 m)
- Residential area in 6-10 homes within 200 m

### 6. Tank Information

<table>
<thead>
<tr>
<th>Tank Number</th>
<th>Tank Type</th>
<th>Size</th>
<th>Age</th>
<th>Product</th>
<th>Above Or Below Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>A [Redacted]</td>
<td>[Redacted]</td>
<td>[Redacted]</td>
<td>140</td>
<td>Regular</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>[Redacted]</td>
<td>[Redacted]</td>
<td>[Redacted]</td>
<td>140</td>
<td>Plus</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>[Redacted]</td>
<td>[Redacted]</td>
<td>[Redacted]</td>
<td>140</td>
<td>Supreme</td>
<td>[Redacted]</td>
</tr>
</tbody>
</table>

### 7. Below ground tanks

- [Redacted]
  - Storage Method: 1 x 205 l drum
  - Tank: Other (describe): [Redacted]

### 8. Additional Comments/directives/evidence of overfills, general site conditions (tires, vehicle wrecks, etc.)
- [Redacted]
  - Clean site conditions no environmental issues to address.
  - Adequate spill kit on site
  - Dip results and reconciliations are locked in active - split to [Redacted] 2012-10-18.

### 9. Compliance

- [Signature]

### 10. Inspector's Signature
- [Redacted]

### 11. Used Oil

<table>
<thead>
<tr>
<th>(a) Used oil generated?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) Storage method:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 x 205 l drum</td>
<td>Tank</td>
</tr>
</tbody>
</table>

### 12. Reporting

<table>
<thead>
<tr>
<th>(a) AGG spill report number posted?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) Do they know reportable volume (70 litres)?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(c) Do they know is legally required to report?</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

### 13. Dips and reconciliations

<table>
<thead>
<tr>
<th>(a) Records kept on site?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) Test performed daily?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(c) Records kept on proper forms?</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

### 14. Compliance Date*

*The above noted deficiencies and directives are expected to be corrected by this compliance date. Failure to do so, may result in further legal action being initiated. You may contact your local Government Service Centre to discuss any concerns you may have with items noted above.*
Service Station Inspection Report

Complete in Full (Please print)

Name of Facility: North Atlantic Petroleum

Location (Street/Road): 154 Pennyward Rd

Fuel Supplier: St. John's

Company Name: As Client (Age): 46

Mailing Address: 579-8633

Contact Name: 46

Commercial Building Owner(s):

Distance of Tank(s) to the nearest feature (if less than 200 m):

House: Residential area

Commercial Building: DeLuxe Dry Cleaning

Water Body: Name

Additional Comments/directives/evidence of overfills, general site conditions (tires, vehicle wrecks, etc.):

Tank Information

<table>
<thead>
<tr>
<th>Tank Number</th>
<th>Type</th>
<th>Size</th>
<th>Age</th>
<th>Product</th>
<th>Above Or Below Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>1005-05-466-02</td>
<td>Underground</td>
<td>4915</td>
<td>13</td>
<td>Regular</td>
<td>Below ground</td>
</tr>
<tr>
<td>466-07</td>
<td>Fiberglass</td>
<td>466-01</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Below ground tanks

- If Yes: Sacrificial Anodes: | Impressed Current: |牺牲阳极|电位差：

- If Yes: Biocatastrophic: | 1 Mtr Cover: | Biocatastrophic: | 1 Mtr Cover:

- If Yes: Preventive: | Fixed: | Preventive: | Fixed:

Reporting

- (a) CCC spill report number posted: Yes [ ] No [ ]

- (b) Do they know reportable volume (70 litres)? Yes [ ] No [ ]

- (c) Do they know they are legally required to report? Yes [ ] No [ ]

Dips and reconciliations

- (c) Records kept on site: Yes [ ] No [ ]

- (c) Completely filled out: Yes [ ] No [ ]

- (c) Last performed daily: Yes [ ] No [ ]

- (c) Records kept for two years: Yes [ ] No [ ]

- (c) Referred properly? Yes [ ] No [ ]

Compliance

- Compliance Date: 01/01/2011

- Compliance Date*:

- The above noted deficiencies and directives are expected to be corrected by this compliance date. Failure to do so may result in further legal action being initiated. You may contact your local Government Service Centre to discuss any concerns you may have with items noted above.
SERVICE STATION INSPECTION REPORT

REGIONAL AND DISTRICT OFFICES
St. John's (709) 739-2550
Clarenville (709) 468-4061
Grand Falls-Windsor (709) 292-4206
Corner Brook (709) 637-2304
Happy Valley-Goose Bay (709) 898-4426

COMPLETE IN FULL (PLEASE PRINT)

NAME OF FACILITY

LOCATION (STREET/ROAD)
134 PENNYWELL ROAD

SITE MANAGER

FUEL SUPPLIER

TELEPHONE NO.: SITE
579-5821

CELL

RESIDENCE

COMPANY NAME

FAX

MAILING ADDRESS

POSITION

POSTAL CODE

CONTACT NAME

POSITION

TELEPHONE NO.: BUSINESS

TELEPHONE NO.: RESIDENCE

DISTANCE OF TANK(S) TO THE NEAREST FEATURE (if less than 200 m)

TANK INFORMATION

TANK NUMBER
AGARDS-05-4648
AGARDS-05-4645
AGARDS-05-4647

TANK TYPE
ULC 580
ULC 585
ULC 585

SIZE
22700
22700
22700

AGE
10
10
10

PRODUCT
G

ABOVE OR BELOW GROUND
3/4

TANK INFORMATION

B-E S SUBJECT TO VEHICULAR TRAFFIC

COMMENTS

USED OIL

(a) OIL WATER SEPARATOR

(b) STORAGE METHOD: 1 X 205 L DRUM

(c) DESCRIBE DISPOSAL METHOD

REPORTING

(a) OIL SPILL REPORT

(b) DO THEY KNOW REPORTABLE VOLUME (LITRES)?

(c) ARE THEY LEGALLY REQUIRED TO REPORT?

DIPS AND RECONCILIATIONS

(a) RECORDS KEPT ON SITE?

(b) COMPLETELY FILLED OUT?

(c) RECORDS KEPT FOR TWO YEARS?

(d) MANUAL DIPS

ADDITIONAL COMMENTS/DIRECTIVES/EVIDENCE OF OVERFILLS, GENERAL SITE CONDITIONS (TIRES, VEHICLE WRECKS, ETC.)

COMPLIANCE

COMPLIANCE DATE

Signature

DATE INSPECTED

Owner/Operator

January 13, 2005

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### Service Station Inspection Report

**Regional and District Offices**
- St. John's: (709) 729-2250
- Clarenville: (709) 466-4069
- Gander: (709) 256-1630
- Grand Falls-Windsor: (709) 257-4200
- Corner Brook: (709) 637-2204
- Happy Valley-Goose Bay: (709) 835-5428

**Complete In Full (Please Print)**

1. **Name of Facility**: North Atlantic Petroleum
   - **Location (Street/Route)**: Pennywell Road
   - **Fuel Supplier**: SNOCORP Inc.
   - **Nearest Stn**:
     - **St. John's**
     - **Fax**:
       - 579-8696
     - **Mailing Address**:
       - Civic # 4
     - **Telephone No./Business**:
     - **Residence**:

2. **Distance of tank(s) to the nearest feature (if less than 200 m)**
   - **House**: Residential Area
   - **Commercial Building**: Deluxe Dry Cleaners
   - **Water Body**: Name

3. **Tank Information**

<table>
<thead>
<tr>
<th>Tank Number</th>
<th>Tank Type</th>
<th>Size</th>
<th>Age (Yrs)</th>
<th>Product</th>
<th>Above Or Below Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>F6</td>
<td>23.93</td>
<td>12.5</td>
<td>Oil</td>
<td>B6</td>
</tr>
<tr>
<td>2</td>
<td>F6</td>
<td>11</td>
<td>17.3</td>
<td>Diesel</td>
<td>B6</td>
</tr>
<tr>
<td>3</td>
<td>F6</td>
<td>11</td>
<td>17.3</td>
<td>Gas</td>
<td>B6</td>
</tr>
</tbody>
</table>

4. **Below ground tanks**

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>c) Cadematic Protection?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>d) Fiberglass</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>e) Subject To Vehicle Traffic?</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

5. **Used Oil**

<table>
<thead>
<tr>
<th>Used Oil</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Used oil generated?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>b) Storage method:</td>
<td>1 x 205 l drum</td>
<td></td>
</tr>
</tbody>
</table>

6. **Reporting**

<table>
<thead>
<tr>
<th>Report</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Do they know reportable volume (70 litres)?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>b) Do they know they are legally required to report?</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

7. **Dips and reconciliations**

<table>
<thead>
<tr>
<th>Dips and reconciliations</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Records kept on site?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>b) Test performed daily?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>c) Recorded on proper forms?</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

8. **Additional Comments/directives/evidence of overfills, general site conditions (tires, vehicle wrecks, etc.)**

- Monthly's not filled since (March 2010).
- Absorbent and spill kit inside - good!
- Insure monthly's are adequate for next annual.

9. **Compliance**

<table>
<thead>
<tr>
<th>Compliance</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

10. **Inspector's Signature**

<table>
<thead>
<tr>
<th>Owner/Operator</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Service Station Inspection Report**

**Date Inspected**: [Date]

---

Section 40(1)
**SERVICE STATION INSPECTION REPORT**

**NAME OF FACILITY:** North Atlantic Petroleum

**LOCATION (STREET/ROAD):** 154 Pennywell Rd.

**COMMUNITY:** St. John's

**SITE MANAGER/SUPERVISOR:** [Redacted]

**TELEPHONE NO.:** Site: 579-8633

**ADDRESS:** [Redacted]

**MAILING ADDRESS:** [Redacted]

**CONTACT NAME:** [Redacted]

**TELEPHONE NO.:** [Redacted]

**PRODUCT INFORMATION**

<table>
<thead>
<tr>
<th>TANK NUMBER</th>
<th>TANK TYPE</th>
<th>SIZE</th>
<th>AGE</th>
<th>PRODUCT</th>
<th>ABOVE OR BELOW GROUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>05-406-03</td>
<td>ULC GAS</td>
<td>22,700</td>
<td>11</td>
<td>REG. GAS</td>
<td>B/G</td>
</tr>
<tr>
<td>05-406-02</td>
<td></td>
<td></td>
<td></td>
<td>PLUS GAS</td>
<td>B/G</td>
</tr>
<tr>
<td>05-406-01</td>
<td></td>
<td></td>
<td></td>
<td>SUPREME GAS</td>
<td>B/G</td>
</tr>
</tbody>
</table>

**DIPS AND RECONCILIATIONS**

- [X] RECORDS KEPT ON SITE
- [ ] COMPLETED CHECKS DURING PERIOD
- [ ] RECORDS KEPT FOR TWO YEARS
- [ ] ALPHABETICAL ORDER
- [ ] MANUAL DIPS
- [ ] COMPUTER

**ADDITIONAL COMMENTS/DIRECTIVES/EVIDENCE OF OVERFILLS, GENERAL SITE CONDITIONS (TIRES, VEHICLE WRECKS, ETC.)**

- ENV. SPILL KIT ON SITE: Yes
- ABSORBENT ON SITE: Yes
- GENERAL SPILL KIT - GOOD TO GO.
- EMERGENCY CONTACT LIST POSTED.

**COMPLIANCE**

- COMPLIANCE DATE: 24 Nov 09
- DATE INSPECTED: 24 Nov 09

**Signature:** [Redacted]

---

**Section 40(1):**

**(a) USED OIL GENERATED?** [X] Yes  [ ] No

**OIL WATER SEPARATOR** [ ] Yes  [ ] No

**STORAGE METHOD** [ ] 1 X 205 L DRUM  [ ] TANK  [ ] OTHER (Describe)

**DESCRIBE DISPOSAL METHOD:** [Redacted]

**DO THEY KNOW REPORTABLE VOLUME (LITRES)?** [ ] Yes  [ ] No

**DO THEY KNOW THEY ARE LEGALLY REQUIRED TO REPORT?** [ ] Yes  [ ] No

---

**Below Ground Tanks**

- [ ] CATHODICALLY PROTECTED? [ ] Yes  [ ] No
- [ ] SACRIFICIAL ANODES [ ] Yes  [ ] No
- [ ] IMPRESSED CURRENT [ ] Yes  [ ] No

- [ ] FIBERGLASS [ ] Yes  [ ] No

- [ ] SUBJECT TO VEHICULAR TRAFFIC? [ ] Yes  [ ] No
- [ ] BARRICADED [ ] Yes  [ ] No
- [ ] 1 METRE COVER [ ] Yes  [ ] No
- [ ] PAVED [ ] Yes  [ ] No

**COMMENTS:** [Redacted]
NEWFOUNDLAND LABRADOR

SERVICE STATION
INSPECTION REPORT

REGIONAL AND DISTRICT OFFICES
St. John's (709) 729-2350
Cupids (709) 469-4081
Gander (709) 258-1430
Grand Falls-Windsor (709) 252-4206
Corner Brook (709) 837-2204
Happy Valley-Goose Bay (709) 888-5426

COMPLETE IN FULL (PLEASE PRINT)

NAME OF FACILITY

LOCATION (STREET/ROAD)

SITE MANAGER/SUPERVISOR

TELEPHONE NO: SITE

CELL

RESIDENCE

MAILING ADDRESS

CONTACT NAME

PHONE NO: BUSINESS

NAME OF OWNER

OWNER(S)

NAME

NAME

NAME

NAME

NAME

NAME

NAME

NAME

NAME

NAME

NAME

NAME

NAME

NAME

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N
GENERAL INFORMATION

OWNER'S NAME: North Atlantic Petroleum
TELEPHONE: (709) 579-5831

OPERATOR'S NAME: Same as Owner
TELEPHONE: (709) 579-8633

STORAGE TANK SITE ADDRESS: 154 Pennywell Road
COMMUNITY: St. John's
POSTAL CODE: A1C-2L6

COMPANY NAME: Pennywell Road Petro Inc
REGISTRATION # OF COMPANY: 

COMPANY ADDRESS: 29 Pippy Place
COMMUNITY: St. John's
POSTAL CODE: A1B-3X2

SUPPLIER OF GASOLINE OR ASSOCIATED PRODUCT: North Atlantic Refining Limited

TYPE OF FACILITY:
☐ COMMERCIAL/INDUSTRIAL
☐ MARINA
☐ PROVINCIAL
☐ OTHER (SPECIFY) 

ENGINEERING DRAWING OR NEAT SKETCH ATTACHED: ☐ YES ☑ NO

STORAGE TANK

GAP APPROVAL: N/A
TANK ID #: N/A

LABEL ATTACHED TO TANK: ☐ YES ☑ NO ☑ UNKNOWN
TANK AGE: ☑ NEW ☐ UNKNOWN

TANK SERIAL #: ☑ UNKNOWN
TANK MANUFACTURE #: ☑ UNKNOWN

TANK LOCATION:
☐ ABOVEGROUND
☐ UNDERGROUND
☐ VERTICAL
☐ HORIZONTAL

DATE OR PROJECTED DATE OF INSTALLATION: 1996
☐ KNOWN ☐ ESTIMATE ☑ UNKNOWN

CONDITION OF TANK AT TIME OF INSTALLATION:
☐ NEW ☐ USED ☑ UNKNOWN

NAME OF INSTALLER OR INSTALLATION COMPANY: ☑ UNKNOWN

STATUS OF TANK:
☐ NEW ☑ IN SERVICE ☐ OUT OF SERVICE SINCE

DISTANCE TO THE NEAREST:
Houses: m
Buildings: m
Waterbodies: m
Wells: m

OWNERS NAME: 

FEATURES (IF LESS THAN 200M):

TANK MATERIAL:
☐ STEEL ☑ FIBREGLASS ☐ OTHER (SPECIFY)

TANK CONTENTS OR PRODUCT TO BE STORED:
☐ GASOLINE ☑ KEROSENE ☑ OTHER (SPECIFY)

TANK CAPACITY: 22700 litres

TANK TYP:
☐ ULC 5501
☐ ULC 5603
☐ ULC 5615
☐ ULC 5630
☐ ULC 5653
☐ API 650
☐ OILWATER SEPARATOR
☐ OIL INTERCEPTOR
☐ UNKNOWN

☐ OTHER (SPECIFY) 

FOR OFFICE USE ONLY

REQUIRED TEST RESULTS SUBMITTED (new installation)

☐ LEAK TEST (TANKLINE)
☐ CORROSION PROTECTION (TANKLINE)
☐ DYKE PERMEABILITY

FILE #: 
REGISTRATION #: A-GAP05-05-406.03
<table>
<thead>
<tr>
<th><strong>TANK CORROSION PROTECTION</strong></th>
<th><strong>SACRIFICIAL ANODE</strong></th>
<th><strong>IMPRESSED CURRENT</strong></th>
<th><strong>JACKETED</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td>UNKNOWN</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>OTHER (SPECIFY)</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SECONDARY CONTAINMENT OF TANK</strong></th>
<th><strong>DOUBLE WALL</strong></th>
<th><strong>EARTHEN DYKE</strong></th>
<th><strong>CONCRETE DYKE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OTHER (SPECIFY)</td>
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<tr>
<th><strong>DYKE</strong></th>
<th><strong>LENGTH</strong></th>
<th><strong>WIDTH</strong></th>
<th><strong>EFFECTIVE HEIGH</strong></th>
<th><strong>EFFECTIVE CAPACIT</strong></th>
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<tr>
<td>N/A</td>
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<tr>
<th><strong>DESCRIBE METHOD FOR DISPOSAL OF RAINWATER/SNOW ACCUMULATION</strong></th>
<th><strong>LOCK ON DRAIN PIPE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>YES</td>
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<table>
<thead>
<tr>
<th><strong>SPILL CONTAINMENT</strong></th>
<th><strong>LIQUID-TIGHT FILL BO</strong></th>
<th><strong>NONE</strong></th>
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<tbody>
<tr>
<td>LIQUID/VAPOUR TIGHT COUPLINGS ON FILL PIPE</td>
<td></td>
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<tr>
<td>OTHER (SPECIFY)</td>
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<tr>
<th><strong>TANK VENTING</strong></th>
<th><strong>NORMAL</strong></th>
<th><strong>EMERGENCY</strong></th>
<th><strong>UNKNOWN</strong></th>
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<tbody>
<tr>
<td></td>
<td>YES</td>
<td>NO</td>
<td>UNKNOWN</td>
</tr>
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<td></td>
<td>NO</td>
<td>NO</td>
<td>UNKNOWN</td>
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<thead>
<tr>
<th><strong>OVERFILL PREVENTION</strong></th>
<th><strong>UNKNOWN</strong></th>
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<tbody>
<tr>
<td>YES - SPECIFY BRAND AND MODEL</td>
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<table>
<thead>
<tr>
<th><strong>TANK LEAK TESTS</strong></th>
<th><strong>TO BE COMPLETED</strong></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>YES</td>
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<thead>
<tr>
<th><strong>LAST LEAK TESTS</strong></th>
<th><strong>01.06.2003</strong></th>
<th><strong>METHOD</strong></th>
<th><strong>RESULT</strong></th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Pass</td>
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<tr>
<th><strong>TANK LEAK DETECTION</strong></th>
<th><strong>MONITORING OF SECONDARY CONTAINMENT</strong></th>
<th><strong>RECONCILIATION</strong></th>
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</thead>
<tbody>
<tr>
<td>CHECK ALL THAT APPLY</td>
<td>CONTINUOUS IN-TANK MONITORING</td>
<td></td>
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<tr>
<td></td>
<td>MONITORING Wells # OF</td>
<td></td>
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<td></td>
<td>OTHER (SPECIFY)</td>
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<td></td>
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<tr>
<th><strong>CONTINGENCY PLAN (MANDATORY)</strong></th>
<th><strong>ATTACHED</strong></th>
<th><strong>PREVIOUSLY SUBMITTED</strong></th>
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<tbody>
<tr>
<td></td>
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<td>N/A</td>
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<thead>
<tr>
<th><strong>PIPES(S)</strong></th>
<th><strong>PIPING MATERIA</strong></th>
<th><strong>GALVANIZED STEEL</strong></th>
<th><strong>BARE STEEL</strong></th>
<th><strong>FIBREGLASS</strong></th>
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<tr>
<td></td>
<td></td>
<td>FLEXIBLE PLASTIC</td>
<td>NONE</td>
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<td></td>
<td>OTHER (SPECIFY)</td>
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<tr>
<th><strong>DATE OR PROJECTED DATE OF INSTALLATION</strong></th>
<th><strong>1999</strong></th>
<th><strong>KNOWN</strong></th>
<th><strong>ESTIMATE</strong></th>
<th><strong>UNKNOWN</strong></th>
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<thead>
<tr>
<th><strong>CONDITION OF PIPELINE AT TIME OF INSTALLATION</strong></th>
<th><strong>NEW</strong></th>
<th><strong>UNKNOWN</strong></th>
<th><strong>NAME OF INSTALLER</strong></th>
<th><strong>UNKNOWN</strong></th>
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<thead>
<tr>
<th><strong>ABOVEGROUND PIPING</strong></th>
<th><strong>YES</strong></th>
<th><strong>NO</strong></th>
<th><strong>UNDERGROUND PIPING</strong></th>
<th><strong>YES</strong></th>
<th><strong>NO</strong></th>
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<tr>
<th><strong>PIPING SECONDARY CONTAINMENT</strong></th>
<th><strong>DOUBLE WALL</strong></th>
<th><strong>NONE</strong></th>
<th><strong>UNKNOWN</strong></th>
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<tr>
<td>OTHER (SPECIFY)</td>
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<tr>
<th><strong>STEEL PIPING CORROSION PROTECTION</strong></th>
<th><strong>GALVANIZED</strong></th>
<th><strong>SACRIFICIAL ANODE</strong></th>
<th><strong>IMPRESSED CURRENT</strong></th>
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<td>OTHER (SPECIFY)</td>
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<tr>
<th><strong>TYPE OF PUMPING SYSTEM</strong></th>
<th><strong>SUCTION</strong></th>
<th><strong>PRESSURE</strong></th>
<th><strong>GRAVIT</strong></th>
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<tr>
<th><strong>PIPING LEAK TESTS</strong></th>
<th><strong>TO BE COMPLETED</strong></th>
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<tr>
<td></td>
<td>YES</td>
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<tr>
<th><strong>LAST LEAK TESTS</strong></th>
<th><strong>DATE</strong></th>
<th><strong>METHOD</strong></th>
<th><strong>RESULT</strong></th>
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<tr>
<th><strong>PIPING LEAK DETECTION</strong></th>
<th><strong>MONITORING OF SECONDARY CONTAINMENT</strong></th>
<th><strong>RECONCILIATION</strong></th>
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<tbody>
<tr>
<td></td>
<td>CONTINUOUS IN-LINE MONITORING</td>
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<td>MONITORING Wells # OF</td>
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<td></td>
<td>OTHER (SPECIFY)</td>
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</tbody>
</table>
GENERAL INFORMATION

OWNER'S NAME: North Atlantic Petroleum
TELEPHONE: (709) 579-5831

OPERATOR'S NAME: Same as Owner
TELEPHONE: (709) 579-8633

STORAGE TANK SITE ADDRESS: 154 Pennywell Road
COMMUNITY: St. John's
POSTAL CODE: A1C-2L6

COMPANY NAME: Pennywell Road Petro Inc
REGISTRATION # OF COMPANY:

COMPANY ADDRESS: 29 Pippy Place
COMMUNITY: St. John's
POSTAL CODE: A1B-3X2

SUPPLIER OF GASOLINE OR ASSOCIATED PRODUCT: North Atlantic Refining Limited

TYPE OF FACILITY:
- [ ] COMMERCIAL/INDUSTRIAL
- [ ] INSTITUTIONAL
- [ ] PERSONAL USE
- [ ] MUNICIPAL
- [ ] SERVICE STATION
- [ ] GAS BAR
- [ ] OTHER (SPECIFY)

ENGINEERING DRAWING OR NEAT SKETCH ATTACHED: [ ] YES [ ] NO

STORAGE TANK

GAP APPROVAL: N/A
TANK ID #: N/A

LABEL ATTACHED TO TANK: [ ] YES [ ] NO [ ] UNKNOWN
TANK AGE: NEW

TANK SERIAL #: UNKnown
TANK MANUFACTURE: UNKnown

TANK LOCATION: [ ] ABOVEGROUND [ ] UNDERGROUND
TANK ORIENTATION: [ ] VERTICAL [ ] HORIZONTAL

DATE OF PROJECTED DATE OF INSTALLATION: 1996
[ ] KNOWN [ ] ESTIMATE [ ] UNKNOWN

CONDITION OF TANK AT TIME OF INSTALLATION: [ ] NEW [ ] USED [ ] UNKNOWN

NAME OF INSTALLER OR INSTALLATION COMPANY: UNKNOWN

STATUS OF TANK: [ ] NEW [ ] IN SERVICE [ ] OUT OF SERVICE [ ] SINCE

DISTANCE TO THE NEAREST:
- [ ] HOUSE m
- [ ] BUILDING m
- [ ] WATERBODY m
- [ ] WELL m

OWNERS NAME:

FEATURES (IF LESS THAN 200m):

TANK MATERIAL:
- [ ] STEEL
- [ ] FIBREGLASS [ ] OTHER (SPECIFY)

TANK CONTENTS OR PRODUCT TO BE STORED:
- [ ] GASOLINE
- [ ] KEROSENE
- [ ] OTHER (SPECIFY)

TANK CAPACITY: 22709 litres

TANK TYPE:
- [ ] ULC 5601
- [ ] ULC 5615
- [ ] API 650
- [ ] UNKNOWN

[ ] OILWATER SEPARATOR
[ ] OIL INTERCEPTOR

FOR OFFICE USE ONLY

REQUIRED TEST RESULTS SUBMITTED (new installation):

[ ] LEAK TEST (TANKLINE)
[ ] CORROSION PROTECTION (TANKLINE)
[ ] DYKE PERMEABILITY

FILE #: REGISTRATION #: A-GAP05-05-406.02
<table>
<thead>
<tr>
<th>TANK CORROSION PROTECTION</th>
<th>SACRIFICIAL ANODE</th>
<th>IMPRESSED RENT</th>
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<th>OTHER (SPECIFY)</th>
<th>UNKNOWN</th>
<th>N/A</th>
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<tbody>
<tr>
<td>SECONDARY CONTAINMENT OF TANK</td>
<td>DOUBLE WALL</td>
<td>EARTHEN DYKE</td>
<td>CONCRETE DYKE</td>
<td>STEEL DYKE</td>
<td>NONE</td>
<td>UNKNOWN</td>
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<td>OTHER (SPECIFY)</td>
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<td>DYKE LENGTH</td>
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<td>WIDTH</td>
<td>m</td>
<td>EFFECTIVE HEIGHT</td>
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<td>EFFECTIVE CAPACITY</td>
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<td>RESULT</td>
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<tr>
<td>DESCRIBE METHOD FOR DISPOSAL OF RAINWATER/SNOW ACCUMULATION</td>
<td>LOCK ON DRAIN PIPE</td>
<td>YES</td>
<td>NO</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>SPILL CONTAINMENT</td>
<td>LIQUID-TIGHT FILL BO</td>
<td>NONE</td>
<td>LIQUID/VAPOUR TIGHT COUPLINGS ON FILL PIPE</td>
<td>UNKNOWN</td>
<td>OTHER (SPECIFY)</td>
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<td>TANK VENTIN</td>
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<td>EMERGENCY</td>
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<td>UNKNOWN</td>
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<tr>
<td>OVERFILL PREVENTION</td>
<td>YES- SPECIFY BRAND AND MODEL</td>
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<td>TANK LEAK TEST</td>
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<td>NO</td>
<td>UNKNOWN</td>
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<tr>
<td>LAST LEAK TEST</td>
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<td>METHOD</td>
<td>RESULT</td>
<td>Pass</td>
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<tr>
<td>TANK LEAK DETECTIO</td>
<td>MONITORING OF SECONDARY CONTAINMENT</td>
<td>RECONCILIATION</td>
<td>(CHECK ALL THAT APPLY)</td>
<td>CONTINUOUS IN-TANK MONITORIN</td>
<td>MONITORING WELLS # OF</td>
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<td>BARE STEEL</td>
<td>FIBREGLASS</td>
<td>FLEXIBLE PLASTIC</td>
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<td>OTHER (SPECIFY)</td>
<td>DATE OR PROJECTED DATE OF INSTALLATION</td>
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<td>06/01/2003</td>
<td>06/01/2003</td>
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<td>INSTALLATION (AT CURRENT LOCATION)</td>
<td>TOTAL TIME OF INSTALLATION</td>
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<td>NAME OF INSTALLER</td>
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<td>CONDITION OF PIPELINE</td>
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<td>ABOVEGROUND PIPING</td>
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<td>NO</td>
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<tr>
<td>PIPING SECONDARY CONTAINMENT</td>
<td>DOUBLE WALL</td>
<td>OTHER (SPECIFY)</td>
<td>N/A</td>
<td>N/A</td>
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<td>STEEL PIPING</td>
<td>JACKETED</td>
<td>SACRIFICIAL ANODE</td>
<td>IMPRESSED CURRENT</td>
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<tr>
<td>CORROSION PROTECTION</td>
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<td>N/A</td>
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<td>N/A</td>
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<td>PRESSURE</td>
<td>GRAVITY</td>
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<tr>
<td>PIPING LEAK TEST</td>
<td>TO BE COMPLETED</td>
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<td>NO</td>
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<td>DATE</td>
<td>METHOD</td>
<td>RESULT</td>
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<td>PIPING LEAK DETECTION</td>
<td>MONITORING OF SECONDARY CONTAINMENT</td>
<td>RECONCILIATIONS</td>
<td>CONTINUOUS IN-LINE MONITORING</td>
<td>MONITORING WELLS # OF</td>
<td>N/A</td>
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GENERAL INFORMATION

OWNER'S NAME: North Atlantic Petroleum
OPERATOR'S NAME: Same as Owner
STORAGE TANK SITE ADDRESS: 154 Pennywell Road
COMPANY NAME: Pennywell Road Petro Inc
SUPPLIER OF GASOLINE OR ASSOCIATED PRODUCT: North Atlantic Refining Limited

TYPE OF FACILT
(CHECK ALL THAT APPLY)
- COMMERCIAL/INDUSTRIAL
- INSTITUTIONAL
- MARINA
- PERSONAL USE
- PROVINCIAL
- SERVICE STATION
- OTHER (SPECIFY)
- BULK PLANT
- MUNICIPAL
- GAS BAR

ENGINEERING DRAWING OR NEAT SKETCH ATTACHED: YES

STORAGE TANK

GAP APPROVAL: N/A
TANK ID #: N/A
LABEL ATTACHED TO TANK: NO
UNKNOWN TANK AGE: NEW
UNKNOWN TANK SERIAL #: UNKNOWN
UNKNOWN TANK MANUFACTURE
TANK LOCATION: ABOVEGROUND
TANK ORIENTATION: VERTICAL
DATE OR PROJECTED DATE OF INSTALLATION: 1996
UNKNOWN CONDITION OF TANK AT TIME OF INSTALLATION: NEW
UNKNOWN NAME OF INSTALLER OR INSTALLATION COMPANY
UNKNOWN STATUS OF TANK: IN SERVICE
UNKNOWN DISTANCE TO THE NEAREST HOUSE: m
UNKNOWN FEATURES (IF LESS THAN 200m):
- BUILDING
- WATERBODY
- WELL

UNKNOWN TANK MATERIAL: STEEL
UNKNOWN FIBREGLASS
UNKNOWN OTHER (SPECIFY)

UNKNOWN TANK CONTENTS OR PRODUCT TO BE STORED: GASOLINE
UNKNOWN KEROSENE
UNKNOWN OTHER (SPECIFY)
UNKNOWN TANK CAPACITY: 22700 litres
UNKNOWN TANK TYPE: ULC 5601
UNKNOWN ULC 5563
UNKNOWN API 650
UNKNOWN UNKNOWN

FOR OFFICE USE ONLY
REQUIRED TEST RESULTS SUBMITTED (new installation)
- LEAK TEST (TANKLINE)
- CORROSION PROTECTION (TANKLINE)
- DYKE PERMEABILITY

FILE #: 
REGISTRATION #: A-GAP05-05-406.01

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<table>
<thead>
<tr>
<th>Field</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
<th>Option 4</th>
</tr>
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<tr>
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<td>Sacrificial Anode</td>
<td>Impressed Anode</td>
<td>Jetted</td>
<td>Other (Specify)</td>
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<td>Secondary Containment of Tank</td>
<td>Double Wall</td>
<td>Earthen Dyke</td>
<td>Concrete Dyke</td>
<td>Other (Specify)</td>
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<td>Dyke Length</td>
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<td>Width</td>
<td>Last Permeability Test</td>
<td>Date</td>
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<td>Spill Containment</td>
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<td>None</td>
<td>Liquid/Vapour Tight Couplings on Fill Pipe</td>
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<td>Tank Ventilation</td>
<td>Normal</td>
<td>Emergency</td>
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<td>Overfill Prevention</td>
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<td>To Be Completed</td>
<td>Yes</td>
<td>No</td>
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<td>Last Leak Test</td>
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<td>Method</td>
<td>Precision Test for Tanks</td>
<td>Result: Pass</td>
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<td>Tank Leak Detection</td>
<td>Monitoring of Secondary Containment</td>
<td>Reconciliation</td>
<td>Continuous In-Tank Monitoring</td>
<td>Monitoring Wells # of</td>
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<td>Attached</td>
<td>Previously Submitted</td>
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<tr>
<td>Pipeline(s)</td>
<td>Galvanized Steel</td>
<td>Bare Steel</td>
<td>Fibreglass</td>
<td>Unknown</td>
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<tr>
<td>Piping Material</td>
<td>Flexible Plastic</td>
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<td>Other (Specify)</td>
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<tr>
<td>Date or Projected Date</td>
<td>Known</td>
<td>Estimate</td>
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<td>Condition of Pipeline</td>
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<td>Name of Installer</td>
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<td>Aboveground Piping</td>
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<td>Undergrround Piping</td>
<td>Yes</td>
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<tr>
<td>Piping Secondary Containment</td>
<td>Double Wall</td>
<td>None</td>
<td>Other (Specify)</td>
<td>Unknown</td>
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<tr>
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<td>Sacrificial Anode</td>
<td>Impressed Current</td>
<td>Unknown</td>
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<tr>
<td>Type of Pumping System</td>
<td>Suction</td>
<td>Pressure</td>
<td>Gravity</td>
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<tr>
<td>Piping Leak Test</td>
<td>To Be Completed</td>
<td>Yes</td>
<td>No</td>
<td>Unknown</td>
</tr>
<tr>
<td>Last Leak Test</td>
<td>Date</td>
<td>Method</td>
<td>Result</td>
<td></td>
</tr>
<tr>
<td>Piping Leak Detection</td>
<td>Monitoring of Secondary Containment</td>
<td>Reconcilliations</td>
<td>Continuous In-Line Monitoring</td>
<td>Monitoring Wells # of</td>
</tr>
</tbody>
</table>

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**SERVICE STATION INSPECTION REPORT**

**GENERAL**
- **COMPANY OR BUSINESS NAME**: Papamall Rd Petrol Inc
- **LOCATION**: 154 Papamall Rd, SJ
- **MAILING ADDRESS**:
- **DISTANCE OF TANK(S) TO THE NEAREST FEATURE (if less than 200 m)**
  - HOUSE
  - COMMERCIAL BUILDING
  - WATER BODY
  - WELL

**TANK INFORMATION**
<table>
<thead>
<tr>
<th>TANK NUMBER</th>
<th>SIZE</th>
<th>PRODUCT</th>
<th>ABOVE OR BELOW GROUND</th>
</tr>
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<tr>
<td>1</td>
<td>22736</td>
<td>G</td>
<td>B/Y</td>
</tr>
<tr>
<td>2</td>
<td>22736</td>
<td>G</td>
<td>B/Y</td>
</tr>
<tr>
<td>3</td>
<td>22736</td>
<td>G</td>
<td>B/Y</td>
</tr>
</tbody>
</table>

**BELOW GROUND TANKS**
- **(A) CATHODICALLY PROTECTED?**
  - YES
  - NO
- **(B) SUBJECT TO VEHICULAR TRAFFIC?**
  - YES
  - NO

**USED WASTE OIL**
- **(A) WASTE OIL GENERATED?**
  - YES
  - NO

**REPORTING**
- **(A) DO THEY KNOW OSG SPILL REPORT NUMBER?**
  - YES
  - NO
- **(B) DO THEY KNOW REPORTABLE VOLUME (in LITRES)?**
  - YES
  - NO
- **(C) DO THEY KNOW THEY ARE LEGALLY REQUIRED TO REPORT?**
  - YES
  - NO

**DIPS AND RECONCILIATIONS**
- **(A) RECORDS KEPT ON SITE?**
  - YES
  - NO
- **(B) COMPLETELY FILLED OUT?**
  - YES
  - NO
- **(C) TEST PERFORMED DAILY?**
  - YES
  - NO
- **(D) RECORDS KEPT FOR TWO YEARS?**
  - YES
  - NO
- **(E) OTHER**

**ADDITIONAL COMMENTS (EVIDENCE OF OVERFILLS, GENERAL SITE CONDITIONS, ETC.)**

---

**Signature**

- **John A. Z. 2005**
  - DATE INSPECTED
- **Ronald H.**
  - INSPECTOR'S SIGNATURE

---
March 31, 2003

Government of Newfoundland and Labrador
Department of Government Services and Lands
5, Mews Place
P.O. Box 8700
St-John’s, Newfoundland
A1B 4J6

Attention: Mrs. Paula Pretty, BES

RE: Site 13665 – 154, Penneywell rd, St-John’s

Mrs Pretty:

As discussed on March 31, 2003, please find attached the site plan and analytical results of an environmental assessment carried out by MGI Limited in January and February 2003. The full report will be available in approximately two weeks.

I understand you already have the remediation report (Newfoundland Geosciences, March 9, 1998) and the supplementary groundwater sampling carried out on October 30, 1997.

MGI Limited’s assessment indicates that the service station property still shows free product at MW-13 underneath the building.

The off-site assessment indicates groundwater contamination exceeding the Atlantic PIRI tier I Look Up Table values at MW-7 and MW-22. Also soil contamination was present at MW-7 in March 1997, and is present at MW-23 located in a median between Pennywell road and Prince of Whales road.

Contamination of surface soils and sub-surface soils at MW-23 resembles wheathered fuel oil. Soil contamination at the service station property limits along Pennywell road and Adams avenue were characterized as a gasoline fraction. Soil contamination at MW-7 was also characterized as a gasoline fraction. Petro-Canada therefore declines responsibility for the contamination discovered at MW-23 as it is likely to originate from another source.
Our plan is the following:

1. Complete a tier II risk assessment to produce Site Specific Target Levels (SSTL'S) for the site. It is anticipated that the only remediation work required will be to address free product under the service station building.

2. Advise the City of St-John’s about the gasoline contamination in Pennywell road and Adam’s avenue associated with the site.

3. Further delineate contamination around MW-7. No remediation action plan can be developed for this area until more environmental information is obtained. We therefore request a delay of 30 days up to May 1, 2003 to perform additional off site investigations, subject to the approval of the required third parties. A plan would be submitted by June 1, 2003.

I hope the above will be satisfactory to the Department, don’t hesitate to contact me at [redacted] to discuss.

Yours truly,
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atippoffice@gov.nl.ca.
### Table 4.1: Groundwater Elevations

<table>
<thead>
<tr>
<th>BS</th>
<th>HI</th>
<th>IFS</th>
<th>FS</th>
<th>ELEV</th>
<th>DIFF</th>
<th>DEPTH</th>
<th>STATION</th>
<th>GW-DEPTH</th>
<th>GW-ELEV</th>
<th>NOTE</th>
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<tr>
<td>1.450</td>
<td>101.097</td>
<td>0.982</td>
<td>100.115</td>
<td>0.168</td>
<td>2.590</td>
<td>97.357</td>
<td>BM</td>
<td>MWS</td>
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<td>0.286</td>
<td>100.812</td>
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<td>97.447</td>
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<td>1.201</td>
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<td>3.690</td>
<td>96.026</td>
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<td>2.629</td>
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<td>2.470</td>
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<td>2.090</td>
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</tbody>
</table>

**Surveyed by:** MGI Limited
Mike Holmes

**Survey Date:** 6-Jan-03
**GW Depth Date:** 28-Jan-03

**Note:**
4. FS = foreshot at ground level
5. ELEV = elevation at ground level

### Table 4.1a: Groundwater Elevations

<table>
<thead>
<tr>
<th>BS</th>
<th>HI</th>
<th>IFS</th>
<th>FS</th>
<th>ELEV</th>
<th>DIFF</th>
<th>DEPTH</th>
<th>STATION</th>
<th>GW-DEPTH</th>
<th>GW-ELEV</th>
<th>NOTE</th>
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<tr>
<td>0.466</td>
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<td>99.599</td>
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</table>

**Surveyed by:** MGI Limited
Mike Holmes

**Survey Date:** 2-Mar-03
**GW Depth Date:** 4-Mar-03

**Note:**
1. All measurements in metres
2. TOC = top of well casing
3. FS = foreshot at ground level
4. IFS = foreshot on turning point
5. ELEV = elevation at ground level
6. DEPTH = GW depth measurements from TOC
7. DIFF = distance from top of well casing to ground level
8. GW-DEPTH = depth of GW below grade
9. GW-ELEV = groundwater elevation
Table 4.2: Surface Soil Analytical Results - Hydrocarbons (mg/kg)

<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Depth (m)</th>
<th>Date Sampled</th>
<th>Benzene</th>
<th>Toluene</th>
<th>Ethyl Benzene</th>
<th>Xylenes</th>
<th>Total Petroleum Hydrocarbons (TPH)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>TPuH C_{12-15}</td>
<td>TExH C_{16-19}</td>
<td>TExH C_{21-24}</td>
<td>Modified TPH</td>
<td>TPH</td>
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<tr>
<td>MW14-SS1</td>
<td>0.3 - 0.9</td>
<td>6-Jan-03</td>
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<td>&lt;</td>
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<tr>
<td>MW15-SS1</td>
<td>0.3 - 0.9</td>
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<td>MW16-SS1</td>
<td>0.3 - 0.9</td>
<td>6-Jan-03</td>
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<td>MW18-SS1</td>
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<td>MW19-SS1</td>
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<td>MW21-SS1</td>
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<td>28-Feb-03</td>
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<td>0.038</td>
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<td>MW22-SS1</td>
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<td>20-Dec-02</td>
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<td>MW23-SS1</td>
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<td>Atlantic PIRI - Tier I - Commercial / Non-Potable / Sandy Surface Soils*</td>
<td>120</td>
<td>4850</td>
<td>2400</td>
<td>3200</td>
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</table>

Notes:
Analysis completed by PSC Analytical Services Corporation of St. John's, NL.
* Atlantic PIRI - Tier I Look Up Table Values for Commercial Non-potable Surface Sandy Soils for Petroleum Hydrocarbon Compounds (1999).

Detection Limits: 
- TPuH = Total Purgeable Hydrocarbons
- TExH = Total Extractable Hydrocarbons
- TPH = Total Petroleum Hydrocarbons
- Modified TPH = TExH + (TPuH - STEx)
- TPH (C6-C10) does not include STEx

na = not applicable / not available
< = parameter below detection limit
<($i$) = parameter below raised EQL
Dup = laboratory duplicate
MW = Monitor Well
SS = Soil sample

MGI Limited Project: 40308B

March 2003

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### Table 4.3: Sub-Surface Soil Analytical Results - Hydrocarbons (mg/kg)

<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Depth (m)</th>
<th>Date Sampled</th>
<th>Benzene</th>
<th>Toluene</th>
<th>Ethyl Benzene</th>
<th>Xylenes</th>
<th>Total Petroleum Hydrocarbons (TPH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW14-SS5</td>
<td>3.0 - 3.6</td>
<td>8-Jan-03</td>
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Atlantic PIRI - Tier I - Commercial / Non-Potable / Sandy Sub-Surface Soils*  

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Notes:  
- Analysis completed by PSC Analytical Services Corporation of St. John's, NL.  
- Atlantic PIRI - Tier I Look Up Table Values for Commercial Non-Potable Sub-Surface Sandy Soils for Petroleum Hydrocarbon Compounds (1999).  
- Results for MW23-SS6 compared to Residential Non-potable Sub-Surface Sandy Soils.

TPH = Total Petroleum Hydrocarbons  
TEH = Total Extractable Hydrocarbons  
#6 Oil = Diesel / #6 Fuel Oil  
na = not applicable / not available

---

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Table 4.4: Groundwater Analytical Results - Hydrocarbons (mg/L)

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Notes:
- Analysis completed by PSC Analytical Services Corporation of St. John's, NL.
- Atlantic Purlite - Tier I Look Up Table Values for Commercial Non-potable Sandy Soils for Petroleum Hydrocarbon Compounds (1999).
- Results for MV22-GW compared to Residential Non-potable Sandy Soils
- na = not applicable / n/a available
- < = parameter below detection limit
- Dup = indicates laboratory duplicate
- MW = Monitor Well
- GW = Groundwater Sample
- TPCH = Total Purpuse Hydrocarbons
- TExH = Total Extractable Hydrocarbons
- TP = Total Petroleum Hydrocarbons
- Modified TP = Modified TPH = Total Petroleum Hydrocarbons
- TExH (C6-C10) does not include BTEX

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Table 4.5: Soil Analytical Results - Metals and MTBE (mg/kg)

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Notes:
Analysis completed by FSC Analytical Services Corporation of Bedford, Nova Scotia.

na = not applicable
< = parameter below detection limit
< (f) = parameter below elevated EOL
- = parameter not requested
MW = Monitor Well
SS = Soil Sample
## Table 4.6: Groundwater Analytical Results - Metals (µg/L)

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<td>&lt;</td>
<td>&lt;0.1</td>
<td>&lt;3</td>
<td>&lt;</td>
<td>0.09</td>
</tr>
<tr>
<td>Chromium</td>
<td>2</td>
<td>&lt;</td>
<td>&lt;1</td>
<td>&lt;20</td>
<td>&lt;</td>
<td>1</td>
</tr>
<tr>
<td>Cobalt</td>
<td>1</td>
<td>5</td>
<td>5</td>
<td>&lt;10</td>
<td>3</td>
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</tr>
<tr>
<td>Copper</td>
<td>2</td>
<td>&lt;</td>
<td>3</td>
<td>&lt;20</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Iron</td>
<td>20</td>
<td>44</td>
<td>150</td>
<td>&lt;500</td>
<td>97</td>
<td>300</td>
</tr>
<tr>
<td>Lead</td>
<td>0.5</td>
<td>1</td>
<td>0.4</td>
<td>&lt;5</td>
<td>&lt;</td>
<td>7</td>
</tr>
<tr>
<td>Manganese</td>
<td>2</td>
<td>1200</td>
<td>11900</td>
<td>98</td>
<td>2900</td>
<td>na</td>
</tr>
<tr>
<td>Molybdenum</td>
<td>2</td>
<td>&lt;</td>
<td>&lt;0.1</td>
<td>&lt;20</td>
<td>&lt;</td>
<td>73</td>
</tr>
<tr>
<td>Nickel</td>
<td>2</td>
<td>&lt;</td>
<td>&lt;1</td>
<td>&lt;20</td>
<td>&lt;</td>
<td>150</td>
</tr>
<tr>
<td>Selenium</td>
<td>2</td>
<td>&lt;</td>
<td>&lt;1</td>
<td>&lt;20</td>
<td>&lt;</td>
<td>1</td>
</tr>
<tr>
<td>Silver</td>
<td>0.5</td>
<td>&lt;</td>
<td>&lt;0.1</td>
<td>&lt;5</td>
<td>&lt;</td>
<td>0.1</td>
</tr>
<tr>
<td>Strontium</td>
<td>2</td>
<td>330</td>
<td>369</td>
<td>500</td>
<td>220</td>
<td>na</td>
</tr>
<tr>
<td>Thallium</td>
<td>0.1</td>
<td>&lt;</td>
<td>&lt;0.1</td>
<td>&lt;1</td>
<td>&lt;</td>
<td>0.8</td>
</tr>
<tr>
<td>Tin</td>
<td>2.0</td>
<td>&lt;</td>
<td>&lt;0.1</td>
<td>&lt;20</td>
<td>&lt;</td>
<td>na</td>
</tr>
<tr>
<td>Titanium</td>
<td>2.0</td>
<td>&lt;</td>
<td>-</td>
<td>&lt;20</td>
<td>&lt;</td>
<td>na</td>
</tr>
<tr>
<td>Uranium</td>
<td>0.1</td>
<td>&lt;</td>
<td>&lt;0.1</td>
<td>&lt;1</td>
<td>&lt;</td>
<td>na</td>
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<tr>
<td>Vanadium</td>
<td>1</td>
<td>15</td>
<td>16</td>
<td>&lt;50</td>
<td>18</td>
<td>30</td>
</tr>
</tbody>
</table>

Notes:
1 Analysis completed by PSC Analytical Services Corporation of Bedford, Nova Scotia.
2 Analysis completed by RPC Laboratory of Fredericton, New Brunswick.
   * Cadmium, Copper, Lead and Nickel criteria based on a hardness (CaCO₃) concentration of 320 mg/L.

na = not applicable
&lt; = parameter below detection limit
&lt;(µg/L) = parameter below elevated EQL
- = parameter not requested
MW = Monitor Well
GW = Groundwater Sample
### Table 4.7: Groundwater Analytical Results - MTBE (ug/L)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Detection Limit</th>
<th>MW16-GW 28-Jan-03</th>
<th>MW17-GW 28-Jan-03</th>
<th>MW18-GW 28-Jan-03</th>
<th>Guideline Criteria*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTBE</td>
<td>1</td>
<td>&lt; 0.005</td>
<td>0.005</td>
<td>na</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- Analysis completed by PSC Analytical Services Corporation of Bedford, Nova Scotia.

- na = not applicable
- < = parameter below detection limit
- MW = Monitor Well
- GW = Groundwater Sample
MGI Project No.: 40308B  
Client: Petro-Canada  
Project: Phase II Env. Site Assessment  
Petro-Canada Petroleum Retail Outlet  
154 Penneywell Road, St. John's, NL

**Borehole No.: MW-14**

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Spacing (m)</th>
<th>Description</th>
<th>Depth/Grv.</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Well Data</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>Ground Level</td>
<td>0.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>99.2</td>
<td>0</td>
<td>Asphalitic Concrete</td>
<td>99.2</td>
<td>1</td>
<td>SS</td>
<td>26</td>
<td>50</td>
<td></td>
<td>Flash-mount wellhead enclosure</td>
</tr>
<tr>
<td>99.2</td>
<td>0</td>
<td>Compact, brown to grey silty sand and gravel; numerous cobbles; dry; odourless.</td>
<td>99.2</td>
<td>1</td>
<td>SS</td>
<td>26</td>
<td>50</td>
<td></td>
<td>50 mm diameter PVC casing</td>
</tr>
<tr>
<td>97.1</td>
<td>0</td>
<td>Very dense, grey to green silty sand and gravel; numerous cobbles; dry; odourless.</td>
<td>97.1</td>
<td>4</td>
<td>SS</td>
<td>68</td>
<td>100</td>
<td></td>
<td>Bentonite seal</td>
</tr>
<tr>
<td>95.9</td>
<td>0</td>
<td>Very dense, grey to green silty sand and gravel; numerous cobbles; wet; slight to moderate hydrocarbon odour.</td>
<td>95.9</td>
<td>6</td>
<td>SS</td>
<td>64</td>
<td>35</td>
<td></td>
<td>Groundwater at approximately 2.7 metres below ground level</td>
</tr>
<tr>
<td>95.6</td>
<td>0</td>
<td>Cobble and boulders</td>
<td>95.6</td>
<td>7</td>
<td>SS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td>50 mm diameter No. 20 slot PVC screen with No. 2 silica sand pack</td>
</tr>
<tr>
<td>95.6</td>
<td>0</td>
<td>End of Borehole</td>
<td>95.6</td>
<td>7</td>
<td>SS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td>End Cap</td>
</tr>
</tbody>
</table>

Drilled by: Lanteck Drilling Services Inc.  
Drilling method: Hollow Stem - Split Spoon Sampling  
Drill date: January 8, 2003  
Hole diameter: 200 mm  
Well diameter: 50 mm  
Logged by: [Redacted]
**Borehole No.: MW-15**

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Description</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Well Data</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Asphaltic Concrete</td>
<td>1</td>
<td>SS</td>
<td>14</td>
<td>50</td>
<td></td>
<td>Flush-mount wellhead enclosure</td>
</tr>
<tr>
<td>1</td>
<td>Compact, brown to grey silty sand and gravel, numerous cobbles, dry, odourless.</td>
<td>2</td>
<td>SS</td>
<td>14</td>
<td>30</td>
<td></td>
<td>50 mm diameter PVC casing</td>
</tr>
<tr>
<td>1.2</td>
<td></td>
<td>3</td>
<td>SS</td>
<td>22</td>
<td>60</td>
<td></td>
<td>Bentonite seal</td>
</tr>
<tr>
<td>4.7</td>
<td>Compact, brown to grey silty sand and gravel, numerous cobbles, moist, odourless.</td>
<td>4</td>
<td>SS</td>
<td>59</td>
<td>35</td>
<td></td>
<td>50 mm diameter No. 20 slot PVC screen with No. 2 silica sand pack</td>
</tr>
<tr>
<td>9.701</td>
<td>Cobble and boulders.</td>
<td>3</td>
<td>SS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td>Groundwater at approximately 3.5 metres below ground level</td>
</tr>
<tr>
<td></td>
<td>End of Borehole</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>End Cap</td>
</tr>
</tbody>
</table>

Drilled by: Lacom Drilling Services Inc.
Drilling method: Hollow Stem - Split Spoon Sampling.
Drill date: December 20, 2002

**Hole diameter:** 200 mm
**Well diameter:** 50 mm

*Section 40(1)*
<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Ground Level</td>
</tr>
<tr>
<td>99.9</td>
<td>Asphaltic Concrete</td>
</tr>
<tr>
<td>99</td>
<td>Compact, brown to grey silty sand and gravel; numerous cobbles; dry; odourless.</td>
</tr>
<tr>
<td>96.9</td>
<td>Very dense, grey to green silty sand and gravel; numerous cobbles; dry; odourless.</td>
</tr>
<tr>
<td>95.4</td>
<td>Cobbley and bouldery.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Well Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>99.9</td>
<td>1</td>
<td>SS</td>
<td>26</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>96.9</td>
<td>2</td>
<td>SS</td>
<td>74</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>95.4</td>
<td>5</td>
<td>SS</td>
<td>91</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>SS</td>
<td>68</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks**
- Flash-mount wellhead enclosure
- 50 mm diameter PVC casing
- Bentonite seal
- 50 mm diameter No. 20 shot PVC screen with No. 2 silica sand pack
- Groundwater at approximately 3.8 metres below ground level
- End Cap

**Drilled by:** Leitch Drilling Services Inc.
**Drilling method:** Hollow Stem - Split Spoon Sampling
**Drill date:** January 8, 2003

**MGI Limited**
1118 Tegsell Road
P.O. Box 8153, Station A
St. John's, NF A1B 3N7
**MGI Project No.:** 40108B
**Client:** Petro-Canada
**Project:** Phase II Env. Site Assessment
Petro-Canada Petroleum Retail Outlet
154 Penneywell Road, St. John's, NL

**Note:**
- Hole diameter: 200 mm
- Well diameter: 50 mm
- Logged by: [Redacted]
**Borehole No.: MW-17**

**MGI Project No.: 403088**

**Client:** Petro-Canada

**Project:** Phase II Env. Site Assessment

Petro-Canada Petroleum Retail Outlet

154 Penneywell Road, St. John's, NL

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Descriptions</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Well Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Ground Level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>98.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td>98.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>97.6</td>
<td>Compact, brown to grey silty sand and gravel; numerous cobbles; dry; odourless.</td>
<td>1</td>
<td>SS</td>
<td>33</td>
<td>70</td>
<td></td>
<td>Flash-mnt wellhead closure</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>95.5</td>
<td>Dense to very dense, grey to green silty sand and gravel; numerous cobbles; dry to moist; slight hydrocarbon odour.</td>
<td>2</td>
<td>SS</td>
<td>55</td>
<td>50</td>
<td></td>
<td>Benite seal</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90.0</td>
<td>Cobble and boulders.</td>
<td>3</td>
<td>SS</td>
<td>79</td>
<td>40</td>
<td></td>
<td>Groundwater at approximately 2.5 metres below ground level</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.5</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>SS</td>
<td>58</td>
<td>0</td>
</tr>
<tr>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Drilled by:** Lantech Drilling Services Inc.

**Drilling method:** Hollow Stem - Split Spoon Sampling

**Drill Date:** January 9, 2003

**Hole diameter:** 200 mm

**Well diameter:** 50 mm

**Logged by:**

---

**Section 40(1)**
**Borehole No.: MW-18**

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Description</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Well Data</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>Ground Level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>98.8</td>
<td>Asphaltic Concrete</td>
<td>1</td>
<td>SS</td>
<td>31</td>
<td>90</td>
<td></td>
<td>Flush-mount wellhead enclosure</td>
</tr>
<tr>
<td>98.1</td>
<td>Compact, grey green silty sand and gravel; numerous cobbles; dry, odourless.</td>
<td>2</td>
<td>SS</td>
<td>91</td>
<td>90</td>
<td></td>
<td>50 mm diameter PVC casing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>SS</td>
<td>NR</td>
<td></td>
<td></td>
<td>Bentonite seal</td>
</tr>
<tr>
<td>96</td>
<td>Very dense, grey to green silty sand and gravel; numerous cobbles; dry, odourless.</td>
<td>4</td>
<td>SS</td>
<td>50</td>
<td>NR</td>
<td></td>
<td>50 mm diameter No. 30 slw PVC screens with No. 2 silica sand pack</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>SS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td>Groundwater at approximately 3.1 metres below ground level</td>
</tr>
<tr>
<td>94.5</td>
<td>Cobbles and boulders.</td>
<td>6</td>
<td>SS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>7</td>
<td>SS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

End of Borehole

**Drilled by:** Lentech Drilling Services Inc.
**Hole diameter:** 200 mm

**Drilling method:** Hollow Stem - Split Spoon Sampling
**Well diameter:** 50 mm

**Drill date:** January 6, 2003

**Logged by:** [Log name removed]

Section 40(1)
**Borehole No.: MW-19**

**MGI Project No.: 40308B**  
**Client: Petro-Canada**  
**Project: Phase II Env. Site Assessment**  
**Petro-Canada Petroleum Retail Outlet**  
**154 Penneywell Road, St. John's, NL**

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Description</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Well Data</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2.0</td>
<td>Ground Level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>Asphaltic Concrete</td>
<td>95.5</td>
<td>SS</td>
<td>29</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.8</td>
<td>Compact, grey green silty sand and gravel, numerous cobbles; dry, indurated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Flush-melt wellhead enclosure</td>
</tr>
<tr>
<td>1-3.0</td>
<td>Dense to very dense, grey to green silty sand and gravel; numerous cobbles; dry, soddy, calcitic</td>
<td>96.7</td>
<td>SS</td>
<td>40</td>
<td>70</td>
<td></td>
<td>50 mm diameter PVC casing</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Bentonite seal</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>3</td>
<td>SS</td>
<td>50</td>
<td>150</td>
<td></td>
<td>50 mm diameter No. 20 slot PVC screen with No. 2 silica sand pack</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>4</td>
<td>SS</td>
<td>50</td>
<td>0</td>
<td>NR</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Cobble and boulder</td>
<td>95.2</td>
<td>SS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td>Groundwater at approximately 3.6 metres below ground level</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>6</td>
<td>SS</td>
<td>50</td>
<td>0</td>
<td>NR</td>
<td>End Cap.</td>
</tr>
</tbody>
</table>

Drilled by: Lantech Drilling Services Inc.  
Drilling method: Hollow Stem - Split Spoon Sampling  
Drill date: January 7, 2003  
Hole diameter: 200 mm  
Well diameter: 10 mm  
Logged by: [Redacted]  

Section 40(1)
<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Material</th>
<th>Recovery (%)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.97</td>
<td>1</td>
<td>SS</td>
<td>40</td>
<td>65</td>
<td>Flash- mount wellhead enclosure</td>
</tr>
<tr>
<td>95.78</td>
<td>2</td>
<td>SS</td>
<td>41</td>
<td>80</td>
<td>50 mm diameter PVC casing</td>
</tr>
<tr>
<td>94.97</td>
<td>3</td>
<td>SS</td>
<td>100</td>
<td>80</td>
<td>Bentonite seal</td>
</tr>
<tr>
<td>94.97</td>
<td>4</td>
<td>SS</td>
<td>33</td>
<td>80</td>
<td>50 mm diameter No. 20 slot PVC screen with No. 2 silica sand pack</td>
</tr>
<tr>
<td>93.4</td>
<td>5</td>
<td>SS</td>
<td>41</td>
<td>75</td>
<td>Groundwater at approximately 3.0 metres below ground level</td>
</tr>
<tr>
<td>93.4</td>
<td>6</td>
<td>SS</td>
<td>50</td>
<td>15</td>
<td>End Cap</td>
</tr>
</tbody>
</table>

Drilled by: Lascelle Drilling Services Inc.
Drilling method: Hollow Stem - Split Spoon Sampling
Drill date: February 27, 2003

Hole diameter: 200 mm
Well diameter: 50 mm

Section 40(1)
### Borehole No.: MW-21

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Description</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>Recovery (%)</th>
<th>Well Data</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>Ground Level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.1</td>
<td>Asphaltic Concrete</td>
<td>97.82</td>
<td></td>
<td>SS 35</td>
<td>80</td>
<td>Flash-mount wellhead enclosure</td>
</tr>
<tr>
<td>0.2</td>
<td>Dense, brown silty sand and gravel; numerous cobbles; dry; odourless.</td>
<td>96.62</td>
<td></td>
<td>SS 39</td>
<td>75</td>
<td>50 mm diameter PVC casing</td>
</tr>
<tr>
<td>0.3</td>
<td>Dense to very dense, grey to green silty sand and gravel; numerous cobbles; moist to wet; odourless.</td>
<td>94.82</td>
<td></td>
<td>SS 52</td>
<td>65</td>
<td>Bentonite seal</td>
</tr>
<tr>
<td>0.4</td>
<td>Dense to very dense, grey to green silty sand and gravel; numerous cobbles; wet; slight hydrocarbon odour.</td>
<td>93.35</td>
<td></td>
<td>SS 49</td>
<td>80</td>
<td>50 mm diameter No. 20 slot PVC screen with No. 2 silica sand pack</td>
</tr>
<tr>
<td>0.5</td>
<td>Groundwater at approximately 3.0 metres below ground level</td>
<td></td>
<td></td>
<td>SS 67</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>

End of Borehole

---

Drilled by: Lentech Drilling Services Ltd.
Drilling method: Hollow Stem - Split Spoon Sampling
Drill date: February 28, 2003

MGI Project No.: 40308B
Client: Petro-Canada
Project: Phase II Env. Site Assessment
Petro-Canada Petroleum Retail Outlet
154 Penneywell Road, St. John's, NL
**MGI Project No.: 40308B**

**Client:** Petro-Canada  
Project: Phase II Env. Site Assessment  
Petro-Canada Petroleum Retail Outlet  
154 Penneywell Road, St. John's, NL

### Borehole No.: MW-22

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Description</th>
<th>Depth/Strata</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Well Data</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>Ground Level</td>
<td>97.38</td>
<td>1</td>
<td>SS</td>
<td>35</td>
<td>65</td>
<td></td>
<td>Flash-mount wellhead enclosure</td>
</tr>
<tr>
<td>0.7</td>
<td>Anthracite Conglomerate</td>
<td>97.38</td>
<td>1</td>
<td>SS</td>
<td>35</td>
<td>65</td>
<td></td>
<td>50 mm diameter PVC casing</td>
</tr>
<tr>
<td>1.0</td>
<td>Dense, brown silty sand and gravel; numerous cobbles; dry; odourless.</td>
<td>96.38</td>
<td>2</td>
<td>SS</td>
<td>76</td>
<td>90</td>
<td></td>
<td>Bentonite seal</td>
</tr>
<tr>
<td>2.0</td>
<td>Very dense, grey to green silty sand and gravel; numerous cobbles; moist to wet; odourless.</td>
<td>94.58</td>
<td>3</td>
<td>SS</td>
<td>93</td>
<td>90</td>
<td></td>
<td>50 mm diameter No. 20 solid PVC screen with No. 2 silica sand pack</td>
</tr>
<tr>
<td>3.0</td>
<td>Dense to very dense, grey to green silty sand and gravel; numerous cobbles; wet; slight hydrocarbon odour.</td>
<td>93.01</td>
<td>5</td>
<td>SS</td>
<td>38</td>
<td>70</td>
<td></td>
<td>Groundwater at approximately 3.0 meters below ground level</td>
</tr>
<tr>
<td>4.0</td>
<td>End of Borehole</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>End Cap</td>
</tr>
</tbody>
</table>

**Drilled by:** Laning Drilling Services Inc.  
**Hole diameter:** 200 mm  
**Drilling method:** Hollow Stem - Split Spoon Sampling  
**Well diameter:** 50 mm  
**Drill date:** February 28, 2003  
**Logged by:** [Blank]
# MGI Project No.: 40308B

**Client:** Petro-Canada  
**Project:** Phase II Env. Site Assessment  
**Site:** Petro-Canada Petroleum Retail Outlet  
**Location:** 154 Ferrywell Road, St. John's, NL

---

**Borehole No.: MW-23**

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Sample No.</th>
<th>Sample Type</th>
<th>N-value</th>
<th>Recovery (%)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>97.65</td>
<td>1</td>
<td>SS</td>
<td>35</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>98.45</td>
<td>2</td>
<td>SS</td>
<td>25</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>
| 94.65     | 3          | SS          | 50      | 40           | 3.0 metres below ground level  
|           | 4          | SS          | 79      | 75           |         |
| 91.08     | 5          | SS          | 44      | 90           |         |
|           | 6          | SS          | 50      | 30           |         |

**Description:**
- Ground Level
  - Dense, brown silty sand and gravel; numerous cobbles; dry; odourless.
- 1.00
  - Dense to very dense, grey to green silty sand and gravel; numerous cobbles; moist to wet; odourless.
- 2.00
  - Dense to very dense, grey to green silty sand and gravel; numerous cobbles; wet; slight hydrocarbon odour.

**Drilled by:** Lantech Drilling Services Inc.  
**Drilling method:** Hollow Stem - Split Spoon Sampling  
**Drill date:** February 23, 2003

**Hole diameter:** 200 mm  
**Well diameter:** 50 mm

---

Section 40(1)
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Action Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar 31/05</td>
<td>11:24</td>
<td>Contacted the office to provide an update on the status of remediation.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Basically, the Dept. of GSC has all the recent reports &amp; groundwater data</td>
</tr>
<tr>
<td></td>
<td></td>
<td>currently available. He advised they are looking at approaching the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>contamination from a risk-based approach. I requested an update of the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>recent assessment and a DAP be submitted ASAP. The report (assessment)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>should be ready in 2-3 weeks. Advised the Dept will followup in 2-3 weeks.</td>
</tr>
</tbody>
</table>

**Note:**

This spill has been ongoing since 1988.
If nothing happens by April 30/03, proceed with legal action.

---

Officer's signature: Paula Pretty
Date:

---

Section 40(1)
Item Number Entered: GN 571 195 363 CA

Last Delivery Status:
The item has been successfully delivered to the customer.
Final CPC Location: ST JOHN'S, NF
Date / Time: 27 March 2003 AM

<table>
<thead>
<tr>
<th>Date / Time</th>
<th>Location</th>
<th>Delivery Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 March 2003</td>
<td>ST JOHN'S, NF</td>
<td>The item was sent out for delivery to the customer.</td>
</tr>
<tr>
<td>27 March 2003</td>
<td>ST JOHN'S, NF</td>
<td>The item has been successfully delivered to the customer.</td>
</tr>
<tr>
<td>P.E.</td>
<td>M.P.</td>
<td>Type de Produit (v)</td>
</tr>
<tr>
<td>-----</td>
<td>-----</td>
<td>---------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Section 40(1):**

- Address for the name "De Jonge and Sons Ltd.," AIN 4L3.

**Section 40(1):**

- Address for the name "Jonna Doer Products Inc.," 23 Commonwealth Rd., Pearl, NL.
REGISTERED MAIL

March 25, 2003

Terra Nova Petroleum Products Inc.
253 Commonwealth Avenue
Mount Pearl, NL
A1N 4L3

Dear [Name]

Re: Petro Canada Gas Bar, 154 Pennywell Road, St. John’s, NL

The Department has recently reviewed this file as a result of an inquiry regarding the drilling currently ongoing at this site. As a result of this review, it has come to the attention of the Department that there are outstanding contamination issues at this site. According to the Department’s files there is record of a gasoline leak on the above mentioned property (September 1996) that has never been acknowledged by the Department as being satisfactorily remediated. To date, the Department is aware of remediation efforts, however, there is no record of the remediation work/monitoring completed since January 30, 2001.

The documentation submitted to the Department on January 30, 2001 provided groundwater analytical results, for samples collected on October 30, 1997. The field and laboratory results indicated that gasoline contamination was present in the groundwater samples above provincial regulatory requirements for CCME Freshwater Aquatic Life. The information provided was brief, contained no site sketch, and did not address the whole area impacted by the petroleum hydrocarbon contamination. Gasoline and waste oil contamination have been identified and still exist in various areas (mainly underneath the service station and pump islands) on the property according to previous reports. Also, gasoline contamination extends off-site to the south, towards and across Pennywell Road. Therefore, an on and off-site assessment should be conducted to address the extent of the plume contaminated zone.

The Department of Government Services and Lands requests that you submit a report within 7 days of receipt of this letter outlining the present status, including all remediation activities conducted on and off-site to date. A complete remedial action plan to address all areas impacted by contamination must be received by this date.

Sincerely,

[Signature]

5 Mews Place, P.O. Box 8700, St. John’s, Newfoundland, Canada, A1B 4J6
Should you have any questions on this matter, please feel free to contact the undersigned at 729-4167.

Yours truly,

[Signature]

Paula Pretty, B.E.S.
Environmental Protection Officer
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Action Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 4/03</td>
<td>11:40</td>
<td><em>Spoke with [REDACTED]</em>. He advised NGT has been hired to conduct a subsurface investigation, both on site &amp; in office. This work started in Nov. 2002. He stated conditions seem to have improved over site conditions. He suggested I contact NGT directly for more information.</td>
</tr>
</tbody>
</table>

*Note:* The officer's signature and date fields are not filled in.
154 Pennywell Rd.

- Former Geo & Texaco site
  - Mid to late 90's - free product across street.

- High profile site
  - Off site dealt with to a certain extent

- On all 13 sites - drill new
  - Sample existing
    - Adsorbite / conversion
    - Steel → enabling

  - TPH < 15
    - Or 1 - 20 ppm KBCA

- Drilling off site (new wells)
  - Due to elevated @ 5

(Proceeded by Section 40(1))
DATE: March 6, 83
TIME: 8:48

COMPLAINT MADE BY: Paula Lloyd Barnes
NAME: 
ADDRESS: 606
PHONE: 2603

COMPLAINT MADE AGAINST: Petro Canada
NAME: 
ADDRESS: 154 Pennywell Rd
PHONE: 579-8633

NATURE OF COMPLAINT
Floyd got a call from a resident of the area regarding some drilling going on around Petro Canada station - Address 154 Pennywell Rd.

COMPLAINT REFERRED TO: Paula Pretty
COMPLAINT TAKEN BY: 

ACTION TAKEN

INSPECTOR’S SIGNATURE: ___________ DATE: ___________
FACSIMILE

TERRA NOVA PETROLEUM PRODUCTS INC.
253 COMMONWEALTH AVENUE
MOUNT PEARL, NF A1N 4L3

DATE: January 30 /01

TO: Mr. Chris Blanchard

FROM: [redacted]

PHONE: [redacted]
FAX: [redacted]

FAX: 709-2071

Section 40(1)

Number of Pages Including Cover Sheet (4)

Should you have any problems with this transmission, please call 709-364-3724.

REMARKS:

As Requested As Discussed Reply ASAP Comments
January 30, 2001

Mr. Chris Blanchard
Environmental Health Officer II
Government Service Centre
5 Mews Place
St. John’s, NF A1B 4J6

Dear Mr. Blanchard:

I am writing in reference to your letter which was dated November 14, 2000 regarding the Petro-Canada Gas Station located at 154 Pennywell Road, St. John’s.

I apologize for my delay in responding. I was not familiar with this particular file and it took me some time to gather the pertinent information.

I have attached for your records an up to date review of the work performed by Jacques Whitford Environment Limited thus far. As well, we propose at the earliest opportunity, (After Snowmelt) completing another sampling program of the existing monitoring wells.

If you have any questions, please contact me at your convenience.

Regards,
March 9, 1998

Terra Nova Petroleum Products Inc.
P.O. Box 5190
694 Water Street
St. John's, NF A1C 6H2

Dear [Name]

Re: Supplementary Groundwater Sampling, Petro Canada Service Station Site 158 Pennywell Road, St. John's, NF

Further to a request from Petro Canada (Montreal) and my faxed proposal to you, Jacques Whitford Environment Limited (JWEL) has carried out supplementary groundwater sampling at the above-mentioned site. This work consisted of sampling off site monitor wells MWA, MWB and MWC on the south side of Pennywell Road and analysing the samples for petroleum hydrocarbon indicator parameters (BTEx and TPH compounds by Alberta MUST protocol).

We understand this work is required for decision-making regarding possible further work off site.

Procedure

The groundwater samples were collected on October 30, 1997 by an engineering technician from JWEL using our standard in-house sampling procedures. This involved measuring any significant liquid product levels in the well, purging at least three borehole volumes, and collecting sampling in new, clean sample bottles.

All groundwater samples were stored in coolers with ice packs, then transshipped to Philip Analytical Services in Halifax, NS for analysis of BTEX and TPH. Analytical laboratory results are appended.

Results

No liquid petroleum product was detected during groundwater sampling at MWA or MWB. However, a skim of gasoline-like product was encountered at MWC, as was a strong gasoline odour.
The laboratory test data indicate BTEX and TPH were non-detectable at MWA, but were detectable at MWB and at very high levels at MWC. At MWB, BTEX concentrations were: benzene (0.031 mg/L) toluene (0.004 mg/L) ethyl benzene (nd), and xylenes (0.02 mg/L), and total TPH was 0.965 mg/L. At MWC, the BTEX concentrations were: benzene (3.26 mg/L), toluene (4.44 mg/L), ethyl benzene (3.38 mg/L) and xylenes (20.5 mg/L), and total TPH was 124.85 mg/L. The laboratory results indicated the product resembled gasoline at MWB and a combination of gasoline and lube oil at MWC.

Philip Analytical has also indicated the methyl tertiary-butyl ether (MTBE) was present at 1.0 mg/L at both MWB and MWC (see letter attached with laboratory data).

Discussion

The field and laboratory data indicate that gasoline contamination is present at MWB and MWC (with lube oil at MWC), with greatly increasing concentrations from MWB to MWC. The gasoline skim, strong odour and high BTEX and TPH concentrations in groundwater at MWC indicate that liquid gasoline is nearby to MWC in the subsurface. The lab note about MTBE (an additive to gasoline) also supports these findings.

It is not known at present the full extent of the offsite contamination plume. Local groundwater flow is generally directed to the south-southeast in this area.

Closure

We trust this report is satisfactory for your current needs. If you have any questions, please contact me at your convenience.

Yours truly,

NEWFOUNDLAND GEOSCIENCES LIMITED

cc: Petro Canada, Montreal

Attachment: Laboratory Analytical Data
Terra Nova Petroleum Products Inc.
253 Commonwealth Avenue
Mount Pearl, Newfoundland
A1N 4L3

Fax Cover Sheet

DATE: NOVEMBER 22, 2000

TO: Chris Blanchard

FROM: [Redacted]

RE: 154 Pennywell Road, St. John's, NF

TIME: 10:07 AM

PHONE: (709) 729-2071

FAX: 709-364-3901

Number of pages including cover sheet:

In am writing in reference to your letter of November 14, 2000. I have been out of the office for the last week and I just reviewed your letter. I will investigate this situation as quickly as possible and I will get back to you.

Regards,
November 14, 2000

Terra Nova Petroleum Products Inc.
253 Commonwealth Avenue
Mount Pearl, NF
A1N 4L3

Attention [Redacted]

Re: Petro Canada Gas Bar, 154 Pennywell Road, St. John’s, NF

Dear [Redacted]

This is further to our conversation on November 14, 2000 regarding the above mentioned property. According to the Department’s files there is record of a gasoline leak on the above mentioned property (September 1996) that has never been acknowledged by the Department as being satisfactorily remediated. To date, the Department is aware of remediation efforts, however, we have no updated record of the work/monitoring completed over the past two years.

Gasoline and waste oil contamination have been identified and still exist in various areas (mainly underneath the service station and pump islands) on the property. Also, gasoline contamination extends off-site to the south, towards and across Pennywell Road. Three monitoring wells (BTEX and TPH impacted) have been placed down gradient of the former gasoline contaminated area. Therefore, an additional off-site assessment should be conducted to address the extent of the plume contaminated zone.

The Department of Government Services and Lands requests that you submit a report within 7 days of receipt of this letter outlining the present status and all remediation activities conducted on and off site to date.

Should you have any questions on this matter, please feel free to contact the undersigned at 729-4167.

Yours truly,

Chris Blanchard, B.Tech. - Es, AscT
Environmental Health Officer II
GOVERNMENT SERVICE CENTRE
DEPARTMENT OF GOVERNMENT SERVICES AND LANDS
OPERATIONS DIVISION
P.O. BOX 8700, 5 MEWS PLACE
ST. JOHN'S, NEWFOUNDLAND
A1B 4J6

FACSIMILE TRANSMITTAL

TO: [Redacted] FROM: Chris Blanchard
LOCATION: Terra Nova Petroleum Prod., Ltd. TITLE: EHO II
FAX#: 364-3901 PHONE: 729 4167
DATE: Nov 15, 2000 # PAGES (INCLUDING COVER) 2

COMMENTS / INSTRUCTIONS:

Petro Canada Gas Bar, 154 Pennywell Rd., St. John's
**SERVICE STATION INSPECTION REPORT**

### GENERAL

**COMPANY OR BUSINESS NAME:** [Redacted]

**LOCATION:** 154 Longbeach Rd (Pet Co.)

**MAILING ADDRESS:** [Redacted]

### DISTANCE OF TANK(S) TO THE NEAREST FEATURE (if less than 200 m)

- [ ] HOUSE Owner(s): [Redacted]
- [ ] COMMERCIAL BUILDING Name: [Redacted]
- [ ] WATER BODY Name: [Redacted]
- [ ] WELL Owner(s): [Redacted]

### TANK INFORMATION

<table>
<thead>
<tr>
<th>TANK NUMBER</th>
<th>SIZE</th>
<th>PRODUCT</th>
<th>ABOVE OR BELOW GROUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Key</td>
<td>Key</td>
<td>Key</td>
<td>Key</td>
</tr>
</tbody>
</table>

**Key:**
- [ ] above
- [ ] below

### BELOW GROUND TANKS

1. **CATHODICALLY PROTECTED?**
   - [ ] YES
   - [ ] NO
   - [ ] IF YES: STrAFCIAL ANODES
   - [ ] IMPLIED CURRENT

2. **SUBJECT TO VEHICULAR TRAFFIC?**
   - [ ] YES
   - [ ] NO
   - [ ] IF YES: BARRICADED
   - [ ] 1 METRE COVER
   - [ ] PAVED

**COMMENTS:** [Redacted]

### USED WASTE OIL

1. **WASTE OIL GENERATED?**
   - [ ] YES
   - [ ] NO

2. **STORAGE METHOD:**
   - [ ] BARRELS
   - [ ] TANK
   - [ ] OTHER (Describe): [Redacted]

3. **DESCRIBE DISPOSAL METHOD:** [Redacted]

### REPORTING

1. **DO THEY KNOW CCS SPILL REPORT NUMBER?**
   - [ ] YES
   - [ ] NO

2. **DO THEY KNOW REPORTABLE VOLUME (TO LITRES)?**
   - [ ] YES
   - [ ] NO

3. **DO THEY KNOW THEY ARE LEGALLY REQUIRED TO REPORT?**
   - [ ] YES
   - [ ] NO

### DIPS AND RECONCILIATIONS

1. **RECORDS KEPT ON SITE?**
   - [ ] YES
   - [ ] NO

2. **COMPLETELY FILLED OUT?**
   - [ ] YES
   - [ ] NO

3. **TEST PERFORMED DAILY?**
   - [ ] YES
   - [ ] NO

4. **RECORDS KEPT FOR TWO YEARS?**
   - [ ] YES
   - [ ] NO

5. **RECONCILED ON PROPER FORMS?**
   - [ ] YES
   - [ ] NO

6. **OTHER:** [Redacted]

### ADDITIONAL COMMENTS (EVIDENCE OF OVERFILLS, GENERAL SITE CONDITIONS, ETC.)

[Redacted]

**DATE INSPECTED:** 29 Oct. 91

**INSPECTOR'S SIGNATURE:** [Redacted]
February 23, 1998

Mr. Trent Carter  
Department Services & Lands  
P.O. Box 8700  
St. John's, NF A1B 4J6

Dear Mr. Carter:

RE: Petro-Canada Gas Bar, Pennywell Road

As per your letter dated February 16, 1998, please be advised that Newfoundland Geosciences Limited are in the process of finalizing the site remediation report for the above location.

Terra Nova Petroleum will forward a copy of this report to your office upon receipt from Newfoundland Geosciences Limited which is anticipated over the next few weeks.

If you have any questions please feel free to call me.

Sincerely,

TERRA NOVA PETROLEUM PRODUCTS INC.

GAH/sb
cc: [Redacted] Jacques Whitford Environmental Limited
February 16, 1998

Terra Nova Petroleum Products Inc.
P.O. Box 5190
694 Water Street
St. John's, NF
A1C 6H2

Attention: [Redacted]

Re: Petro Canada Gas Bar, Pennywell Road, St. John's, NF

Dear [Redacted]

It has recently come to the attention of the Department of Government Services and Lands that there is a record of a gasoline leak on the above mentioned property (September 1996) that has never been acknowledged by the Department as being satisfactorily remediated. To date, the Department is aware of remediation efforts, however, we have no record of the work completed.

The Department of Government Services and Lands requests that you submit a report outlining all remediation activities conducted on and off site to date.

Please be advised that once the remediation reports have been received the status of site will be evaluated.

Should you have any questions or concerns regarding this matter, you may contact the undersigned at 729-3098.

Yours truly,

TRENT CARTER, M.A.Sc.
Environmental Health Officer II

5 Mews Place, P.O. Box 8700, St. John's, Newfoundland, Canada, A1B 4J6
Section 40(1)

Terra Nova Petroleum

RE: Remediation - Petro
Chesterfiled
Perrywell Road, St. John's

Section 40(1)

Deluxe Dry Cleaners
726-3521

T. H. (on 1st prop.

"...testing detergent properties)"
December 23, 1997

G&P Services Limited
154 Pennywell Road
St. John's, Newfoundland
A1C 2L4

ATTENTION: [Redacted]

RE: Waste Oil Handling

On November 10, 1997, an inspection of G&P Services Limited (Petro Canada) was conducted by the undersigned. At that time you were informed that the present waste oil storage was inappropriate. A 1000 litre aboveground waste oil tank was being utilized, however, an additional two unsealed drums were being stored on the property.

On December 17, 1997, a follow-up inspection of the property was conducted. At that time it was again noted that waste oils were being inappropriately handled. The 1000 litre aboveground waste oil tank was over filled and unsealed drums remain on the property.

Please be advised that the mishandling of petroleum products in this manner is a violation of the Storage and Handling of Gasoline and Associated Products Regulations. The Government Service Centre requires that the waste oil be properly disposed of and that any contaminated soil be removed. You are hereby directed to have the necessary work completed on or before January 17, 1997. Our Department will be conducting additional inspections to ensure your compliance.

Should you have any questions regarding this matter, please feel free to contact the undersigned at 729-3098.

Yours truly,

[Signature]

TRENT CARTER, M.A.Sc.,
Environmental Health Officer II

TC/sjd.

S/KENNYGREG

5 Mews Place, P.O. Box 8700, St. John's, Newfoundland, Canada, A1B 4J6
<table>
<thead>
<tr>
<th>TANK NUMBER</th>
<th>SIZE</th>
<th>PRODUCT</th>
<th>ABOVE OR BELOW GROUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5000</td>
<td>Leg.</td>
<td>A1/G</td>
</tr>
<tr>
<td>2</td>
<td>5000</td>
<td>Leg.</td>
<td>A1/G</td>
</tr>
<tr>
<td>3</td>
<td>5000</td>
<td>Sup.</td>
<td>A1/G</td>
</tr>
</tbody>
</table>

**BELOW GROUND TANKS**

- [ ] Cathodically protected? [ ] Yes [ ] No
- [ ] Subject to vehicular traffic? [ ] Yes [ ] No

**COMMENTS**

**USED WASTE OIL**

- [ ] Waste oil generated? [ ] Yes [ ] No
- [ ] Storage method: [ ] Barrels [ ] Tank [ ] Other (Describe):

**REPORTING**

- [ ] Do they know CCG spill report number? [ ] Yes [ ] No
- [ ] Do they know reportable volume (70 litres)? [ ] Yes [ ] No
- [ ] Do they know they are legally required to report? [ ] Yes [ ] No

**DIPS AND RECONCILIATIONS**

- [ ] Records kept on site? [ ] Yes [ ] No
- [ ] Test performed daily? [ ] Yes [ ] No
- [ ] Records kept for two years? [ ] Yes [ ] No

**ADDITIONAL COMMENTS (EVIDENCE OF OVERFILLS, GENERAL SITE CONDITIONS, ETC.)**

- Records not kept on site for two years; test book left on site. Only manager on file.
- Floor drained.
- No leaks on fill pipe.

Date Inspected: 11/11/10

Inspector's Signature:

Date: 8/14/06

Reference: 40(1)
to: Mr. Rob Dunphy
fax #: 729-2071
re: Petroleum Contamination of Soil - Pennywell Road/Buckmaster Circle Area
date: July 16, 1997
pages: 1, including cover sheet.

We have noted the work done on the gas station site at the intersection of Pennywell Road and Adams Avenue. Hopefully the source of the contamination is now taken care of.

The catch basin at the rear of the housing at Buckmaster Circle is still emanating gasoline odours however. I understand that it would take some time for the gasoline to disappear from the ground, however the catch basin is in a populated area, with many children.

I am requesting that you look at the catch basin again, with a view to removing the possibility of petroleum from getting into the basin from the surrounding soil. I am also requesting information about how the petroleum is expected to stay in the ground. In addition, I would appreciate receiving a copy of the environmental consultant's report on the contamination.

Brendan O'Connell

From the desk of...
Brendan O'Connell, P. Eng.
Manager, Environmental Services Division,
Department of Public Works and Parks
City of St. John's
PO Box 908
St. John's, Newfoundland
A1C 5M2
(709)576-2531
Fax (709)576-8026
Radar was monitored the same throughout the evening. No indication of vapors at all.

SLE suspected as a result of this for on July 11, 1987, with D. Martin (a hot day) — no indication of gasoline vapors whatsoever.

Called - Brian O'Connor at (redacted) to identify complains to our site. An individual indicated we directly in area - how individual stated we directly in area. Apparatus again. Also suggested the weigh room.

called NF + shop foreman to check the cell.

On redacted
TERRA NOVA PETROLEUM PRODUCTS INC.
PETRO CANADA SERVICE STATION, PENNYWELL RD., ST. JOHN'S, NF

STATUS. WORK CARRIED OUT TO DATE.

Gasoline installations. Southern and eastern part of site.


2. Former Gasoline tanks (2 steel, epoxy lined, and 2 glass fibre) removed. Associated lines removed or drained and taken out of service. Leaks in lines observed.

3. Three new glass fibre tanks installed upgradient from the former location. Four monitor wells adjacent to the tanks. Tank location approx at former MW5, no hydrocarbons detected in 94 and 95, and no visual or olfactory signs of hydrocarbons before tank installation in 96.

4. Former pump islands and aprons removed and replaced. New double wall lines to tanks.

5. Gasoline contaminated soil and rock removed from area of former tanks and area of pump islands. Remediated area mostly backfilled with imported rockfill. Three monitor wells installed in remediated area. Unremediated contamination known to extend to the south, towards Pennywell Road, and to the west, the pump island area (ground underneath canopy foundations), also above the former groundwater level.


1. Vicinity of former MW4, no hydrocarbons detected in 94 and 95, and no visual or olfactory signs of hydrocarbons Sept. 96

2. Both tanks removed. Glass fibre, good condition. No signs of leakage from tanks or furnace lines. Pee-stone adjacent to waste oil tank contaminated. Contamination apparently spread throughout tank pit at groundwater level. Contamination appeared to be associated with spillage from filling of waste oil tank
3. Oil contaminated pea-stone and surrounding soil removed. Some remaining contamination at groundwater level in side of excavation facing car wash. Excavation mostly backfilled with imported rockfill.

4. Trench excavated to foundation level of 1.2 m in front of car wash entrance. Contaminated soil encountered next to the wall immediately below the pavement removed. Contamination appeared to be seeping out from beneath the foundation. Side of trench facing away from the building appeared clean, even at foundation level. Backfilled with imported materials.

5. Trench cut through concrete floor in eastern half of car wash, to sand trap. Soil surface below crushed stone base layer said to appear clean.

**West and south of service station building.**

1. Former MW2 (south of workshop) showed no contamination in 1994, but >0.8 m free oil product 95 and 96.

2. Excavated/removed contaminated soil (waste oil and furnace oil) west and south of building. Side of excavation facing the building observed to be contaminated from a depth of 1.8 to 2.2 m below grade and down to groundwater level (3.5 to 3.7 m). Side of excavation facing south contaminated at groundwater level, but clean above. Towards west a local area of contamination (possibly furnace oil) remains at a higher level. Excavation carried as far eastwards along building as possible, restricted by the adjacent pump island.

3. Installed vertical membrane (2 mm thick HDPE) from approx. 1.5 to 2 m below grade and to rock or approx. 4.5 to 5 m below grade. Monitor/recovery well (300 mm dia) installed between building and membrane. Membrane allows flow of groundwater beneath it, but should trap any free phase product on the groundwater surface. Former groundwater level approximately half way up the membrane.

**Summary**

- Most of the accessible contaminated soil and rock on site remediated by excavation and replacement.
- Remaining contamination underneath the service station building and in inaccessible or difficult to reach local areas outside. (canopy foundations)
- Contamination under service station building isolated, and will not constitute a source for re-contamination of remediated areas. Extent not known and source not confirmed.
- Extent of any off site impacts not known.
PLANNED FURTHER WORK

Investigations

- Check sewer line from workshop for leakages, particularly approx 2 m from end of building.
- Check integrity of floor sumps, o/w separators and connecting lines
- Drill through floor in workshop, sample soil below and install MW.
- Drill through floor in car wash, sample soil below, evaluate need for MW.
- Install MW down gradient of barrier, near former MW2.
- Install off site MWs at three locations, as shown on enclosed figure. (including down gradient of oil contaminated area)
- Sample / follow up all MWs on site.

Evaluation / Remediation

- Drain and remove cylinders remaining in ground from former car lifts, back fill with sand
- Repair all services/installations found to be defective.
- From the above, establish total situation, assess consequences/risks and any need for further work. (Investigations, monitoring or remediation, including procedures for future management of established monitoring / recovery wells).

NEWFOUNDLAND GEOSCIENCES LIMITED

Encl.: Sketches Membrane Installation. Typical Section Plan remediated areas. MW locations

CC: Terra Nova Petroleum Products Inc. Petro-Canada,
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atippoffice@gov.nl.ca.
**Proposed Membrane Installation**

- **Section:**
  - **New ac pavement:**
  - **Side-wall:**
  - **New o/w separator:**
  - **Wells below pump:**
  - **Drilled Rock:**
- **Contaminated Soil:**
- **GWL former:**
- **MWZ:**
- **Till:**

**Rock Surface:**
- Elevation varies from 2 - 4.5 m above grade.

**Note:**
- GWL on building side of membrane controlled by water level controlled pump.
- In min 300 mm diameter well.
- Pump with oil retaining unit or through O/W separator before discharge to sewer.
- To the north, extend the membrane the full length of present excavation. To the east, decide based on observations in trench.
November 6, 1996

Terra Nova Petroleum Products Inc.
P.O. Box 5190
694 Water Street
St. John's, Newfoundland
A1C 6H2

ATTENTION: [Redacted]

Dear [Redacted]

RE: Remediation - Petro Canada Gas Bar
Pennywell Road, St. John's

The remediation now ongoing at the above noted site has revealed significant petroleum contamination of the soil and groundwater directly beneath the building. Petroleum product (a heavy oil) is seeping into a trench through an excavation wall located immediately west of the service bay. The layer of oil is approximately 12 feet below the foundation of the building and undoubtedly extends upslope and under the building.

We will require a detailed assessment of the distribution and concentration of the petroleum contamination in the soil and groundwater lying under the building. Please advise your consultant of this requirement immediately. We will also require that you submit a brief outline of the sampling program for approval prior to proceeding.

Yours truly,

ROBERT A. DUNPHY
Environmental Health Officer II

RAD/sjd.

A:RD/PETROCAN.LTR

5 Mews Place, P.O. Box 8700, St. John's, Newfoundland, Canada A1B 4J6
Facsimile Transmission

TO  Name:                      Rob Dunphy and Glenn Allan
Company:                   Government Service Centre
Fax:                       729 2071

FROM Name:                   [Redacted]
Date:                      Oct 21, 1996
Project #:                 4446

We are transmitting 3 pages including this page. If you do not receive all pages, please telephone [Redacted] Section 40(1)

90-10-23.

Rob: we should be in a position to submit assignment report on remediation plan for this site. We should discuss this.

Section 40(1)

TERRA NOVA PETROLEUM PRODUCTS INC.
PENNfewELL ROAD SERVICE STATION, ST. JOHN'S, NF

This is to confirm the conclusions of this morning's site visit regarding remediation work at the southern pump island. Present: GSC: Glenn Allan Terra Nova Petroleum Products Inc.; [Redacted]

Section 40(1)

Pietro: [Redacted]

agreed

Section 40(1)

Excavate and replace sewer line which runs under the island, from the sidewalk to beyond the new apron. Remove and replace contaminated soil in the sewer line trench.

agreed

Remove and replace apparently contaminated soil under the pump island and apron area in general. Expected depth at least 1.5 m from the former ground level, but so as not to disturb the canopy foundations. Should be reconsidered if the works reveal unexpected conditions.

The above was based on test pit information as follows, refer attached plan:

TP#1, Oct 19.
Water and sewer lines from the station were cut by this pit, at a depth of approximately 1.2 and 1.5 m, respectively. Rock was hit at depths from 1.5 to 2 m sloping westwards. Groundwater at approximately 3 m. Total depth 3.5 m. Contamination was evident at two locations in the side of the pit facing the service station: 

- in the soil immediately adjacent to the sewer line, 10 to 20 cm distance, probably oil and gasoline in a finely crushed pocket of rock < 0.3 x 0.3 m square, approx. 2 m from the big tank excavation.

No contamination was evident in the side facing the street, neither around the sewer nor in the rock face.

In our opinion, there is no need for further remediation of the ground in this area. The sewer line crosses under the pump island. This may be the source of gasoline round the line. Oil may originate from the workshop. The water line is said to be a former line, now replaced by a line from Adams Avenue.

p. 136
TP#2, Oct 19.
This pit was taken down to groundwater at 3.2 m depth. There was no smell or visual indications of contamination at all.

TP#3, Oct 21.
Pit down to groundwater. Contamination evident in pockets, in places strong, particularly in the side facing the sewer line down to a depth of max 1.8 m from the former ground level. No film on water.

Regards,
NEWFOUNDLAND GEOSCIENCES LIMITED

Encl.: Figure

CC.: [Redacted] Terra Nova Petroleum Products Inc., Fax: 579 5327 PetroPlus, Fax: 753-4790

Section 40(1)
Section 40(1)
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atipoffice@gov.nl.ca.
I inspected the site today with [redacted].

- A small trench under pump island closest to Pennywell Rd.

A narrow line of contamination follows the same line from pumps towards garage, appears to not reach Pennywell Rd. They will continue to expand toward service bays & backfill with new materials when req’d.

New service bays is showing hydraulic oil.

**MW - hydraulic act.**

- Trend line
- Same line
- To be extended

**Canopy**

**Former tank**

**Former 5,100 gal**

[Handwritten diagram of site layout]
Contaminated soil removal continued today along the south western side of excavation (former tank). Contamination noted about 1.5m below finished grade to bedrock. This was removed, overlying clean soil re-used for backfill. Monitoring wells to be installed along southern end of excavation.

Additional ones across street for off site investigation purposes.

Contaminated soil noted today near between pump Island and former tank area. Oddly enough, away from piping runs.

I will be in on Wed to discuss identified.

Anna Allan,
Terra Nova Petroleum Products Inc.
P.O. Box 5190
694 Water Street
St. John's, NF
A1C 6H2

Attn: [Redacted]

Dear [Redacted]

Re: Remediation of Petro Canada Gas Bar, Pennywell Road, St. John's

During the removal of underground fuel storage tanks at the above noted site, it was determined that a tank on the property had caused significant subsurface contamination with petroleum product. After removal of contaminated soils in the immediate area of the old tanks, it was evident that the leaked product had migrated in the direction of flow of the ground water off site into the Adams Avenue - Pennywell Road intersection.

The Department will require delineation of the off site contamination followed by remediation. The site is classified as sensitive due to the presence of residential property down gradient of the facility. We will require that you submit to this office for review a detailed delineation proposal. This aspect of the remediation must proceed immediately.

Yours truly,

[Signature]

Robert Dunphy
Environmental Health Officer II

cc: City of St. John's, Attn: Mr. Brendan O'Connell
cc: NF Geosciences Limited, Attn: [Redacted]

RD/90'N

5 Mews Place, P.O. Box 700, St. John's, Newfoundland, Canada, A1B 4J6
Pursuant to The Storage and Handling of Gasoline and Associated Products Regulations, Section 13.

Date: September 25, 1996

Proponent: Terra Nova Petroleum Products Incorporated
P.O. Box 5190 (694 Water Street)
St. John's, Newfoundland
A1C 6HZ

Approval No. SI-GAP96-090093

Section 40(1)

Approval is hereby given for the installation and use of three 22,700 litre fibreglass underground fuel storage tanks (one double walled and two single walled) and associated APT double walled flex piping to be located at Petro Canada retail gas bar on Pennywell Road in St. John's, Newfoundland as per your Schedule A application form dated September 18, 1996 and attached drawing (No. 4446-SK1).

This approval does not release the proponent from the obligation to obtain appropriate approvals from other concerned provincial, federal and municipal agencies.

This approval is subject to the terms and conditions indicated in Appendix A (attached).

It should be noted that prior approval of any significant change in design or installation of the proposed works must be obtained from the Minister.

Failure to comply with the terms and conditions will render this approval null and void, place the proponent or agent in violation of The Storage and Handling of Gasoline and Associated Products Regulations, and make the proponent or agent responsible for taking any remedial measures as may be prescribed by the Minister.

Section 40(1)

MINISTER
1. The proponent shall comply with the provisions of The Regulations.

2. The system shall be installed in accordance with Schedule A dated September 18, 1996.

3. A copy of this Approval and the CAN4 S615 latest edition shall be provided to the installer before proceeding with the installation.

4. The existing tanks shall be abandoned in accordance with Section 27 of The Regulations as amended.

5. The tanks and lines shall not be backfilled before being inspected by an agent of the Minister. This can be arranged by calling 729-2550 and giving advance notice of two working days.

6. Sufficient emergency equipment shall be readily available to contain and clean up small spills.

7. Disposal of waste oil shall be at an approved Waste Disposal Site and only with the permission of the owner/operator of that site. An alternative is sale or transfer of the waste oil to a collection service which has a Certificate of Approval from the Minister.

8. This Approval is valid until 1998 09 18. Installation shall be completed by that date or the application and approval procedure shall be repeated.
copied to . . .

City of St. John's
City Hall
P. O. Box 908
St. John's, NF
A1C 5M2

Department of Environment and Labour
Confederation Building
4th Floor, West Block
P.O. Box 8700
St. John's, NF
A1B 4J6

Attention: Mr. Brian Bursey
           Assistant Deputy Minister

Fire Commissioner
Fire Commissioner's Office
Pleasantville Fire Station
P. O. Box 8700
St. John's, NF
A1B 4J6

Mr. Brian Power, P. Eng.
Director
Environmental Protection/NF
Conservation and Protection Service
Environment Canada
P. O. Box 5037
St. John's, NF
A1C 5V3
Facadeimile Transmission

TO

Company

GSC

Attention

Glenn Allan

Fax No.

729-2071

We are transmitting 8 pages including this page. If you do not receive all pages, please telephone 709 576-1428.

FROM

Name

[Redacted]

Date

Sept 19/92

File No.

4446

Original to follow

No

Year

X

By

COMMENTS/MESSAGES

Terra Nova Petr. Products Inc.
Pennypool Rd.
September 19, 1996

Government Service Centre
P.O.Box 8700
St. John's, NF

Att.: Mr. Glenn Allan

Dear Mr. Allan,

Re: Terra Nova Petroleum Products Inc.
Tank replacement
Pennywell Road Service Station, St. John's, NF.

On behalf of Terra Nova Petroleum Inc. we hereby submit the Schedule A, Storage Tank System Application Form for the installation of new gasoline UST's according to CAN4-S615, at the above-noted service station. The location of the proposed tanks is shown by the enclosed Drawing No. 4446-SK1.

The new tanks are located as far up-gradient from the former tanks as possible without running into conflict with the existing sewer and water utilities on the site. The location also meets the operator's safety requirements to tanker access for filling.

As shown on the attached drawing there is an existing monitoring well MWS adjacent to the new tank location. Chemical analysis in October 1995 of a groundwater sample from that well showed no detectable content of petroleum hydrocarbons (Alberta MUST procedure). Observations in the remediation excavation of the former tanks also indicate relatively clean conditions north of the present limit of that excavation. The excavation for the new tanks is expected to extend into fractured bedrock, and the tank bottoms will be just above the ground water level as observed in the adjacent well MWS.

The new tanks and pumps will be equipped with a modern mass balance accounting system including a vapour recovery, enabling the early detection of any leakages. Double wall, flexible lines will connect the tanks and pumps. The new tank filling pipes will be enclosed in a self dyeing system.

Furthermore, monitoring wells will be established as part of the tank installation. The shown location of the wells reflect the southerly ground water gradient, and the emphasis on early detection of any off-site migration of contamination towards the adjacent Adams Avenue. The most likely direction of a contamination plume from the new tanks is towards the former tank area. Wells will also be installed here, to document the existing and future conditions.
We trust the above information is complete for your approval of the installation. Please contact the undersigned if further clarification or information is required.

Yours truly,

NEWFOUNDLAND GEOSCIENCES LIMITED

Enclosures:

Schedule A, Storage Tank System Application Form
Drawing No. 4446-SK1. Tank locations

Cc:

Terra Nova Petroleum Products Inc, Att.: [Redacted]
Petro Plus, Att.: [Redacted]
PROVINCE OF NEWFOUNDLAND
SCHEDULE A
STORAGE TANK SYSTEM (S.T.S.) APPLICATION FORM
DEPARTMENT OF ENVIRONMENT

Under Section 14 of The Storage and Handling of Gasoline and Associated Products Regulations, 1982, any new or altered storage tank system must apply for an Approval from the Minister, Department of Environment, prior to the installation of tanks and associated piping. The information supplied on this form plus engineering drawings showing the installation and construction details will suffice as an application for Approval.

APPLICATION FORM TO BE TYPED OR PRINTED IN INK.

1. Business name TERRA NOVA PETROLEUM PRODUCTIONS INC.
   Address P.O. BOX 5190 (BAU WALKER STREET) A1C 6H2
   Phone #( ) 709.599.7796
   Owner Name Same
   Address
   Registration No. of Company
   Manager (Chief Operator) name
   Supplier of gasoline or associated product PEPCO CANADA

2. TYPE OF INSTALLATION - check appropriate box(es)
   □ bulk plant □ service station □ gas bar
   □ marina □ new □ expanded
   □ replacement □ private □ dyking

Note: 1. d.t.f. wall tank 2. d.t.f. wall tank

File #_________________
G.A.P. #_________________
3. DISTANCE OF S.T.S. TO THE NEAREST FEATURES (if less than 200 m)

1. house ___________ owner: ___________

2. commercial bldg. ___________ name: ___________

3. waterbody (river, stream, pond, lake, ocean) ___________ name: ___________

4. well ___________ owner(s): ___________

4. LOCATION OF STORAGE TANK(S): Attach an engineering drawing or a neat sketch of the proposed installation, showing tank and piping location, adjacent roads, buildings and water bodies and corrosion protection equipment or dykes, where applicable. Number each tank and identify using these numbers throughout the form.

5. PROVIDE INFORMATION AS OUTLINED BELOW

<table>
<thead>
<tr>
<th>Tank Number</th>
<th>1</th>
<th>2</th>
<th>3</th>
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</thead>
<tbody>
<tr>
<td>Tank Manufacturer</td>
<td></td>
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<td></td>
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<tr>
<td>Tank material (fiberglass or steel)</td>
<td></td>
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<td>Tank capacity (litres)</td>
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<td>Product to be stored</td>
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<td>Regular</td>
<td>Regular</td>
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<tr>
<td>Projected date of installation</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Tank serial number</td>
<td>Pending</td>
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</tr>
</tbody>
</table>

6. TANK CONSTRUCTION SPECIFICATION - Check appropriate box

- CAN4-S603
- CAN4-S603.1
- API 650
- Self-Dyked
- CAN4-S615
- ULC S601
- Variance Approved

7. CONTINGENCY PLAN

A contingency plan is mandatory for bulk plants and marinas. Contingency plans for other S.T.S. may be required by the Minister. Attach a copy of your contingency plan, if applicable.

Is contingency plan attached? Yes _______ No _______

- Piping
- APT
- Oil walled flaps
- Dispenser sumps
- Tank sumps
OR WASTE OILS

Describe method of collection: Pump truck eq Coosbie

 Stored in myles waste oil tank

Is used or waste oil to be stored in: aboveground tanks? Yes ☑ No

underground tanks? Yes ☑ No

(Indicate "Yes" by writing total capacity in litres.) 1000

Describe method of disposal: Pump truck eq Coosbie

Drains in the service bay are to be connected to an oil separator. Attach engineering drawings or neat sketch detailing the above drainage and oil separation system.

AboVEGROUND TANKS

Describe the dyking system.

Material of construction
Length
Width
Effective height
Effective capacity
Method of disposal of rainwater/snow accumulations

If the dyking is more complicated describe on extra sheet and attach.
10. I hereby certify that the information provided by me on this application form is complete and accurate.

Supplier/Agent for Applicant

Owner/Applicant

and/or

Date

Date  Sept 18/96

If signed only by the supplier/agent for the applicant, indicate here that a copy and all attachments have been sent to the owner/applicant.

(Signature)

This form does not supersede the requirements of any other Government Acts, Regulations or Standards.

Forward to:

Government Service Centre
Operations
5 Mews Place
P.O. Box 8700
St. John’s, NF. A1B 4J6

Phone # 729-2550 Fax # 729-2071
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atippoffice@gov.nl.ca.
Pennewell Road - Petrol Tank Incident - Summer

Sept 94 - Sept 96

- piping exposed further - significant further rust noted surrounding piping.
- 1 hour survey - no holes found based upon visual inspection

- sample retrieved from soil in between two tanks

- free product on surface noted at approx. 1/3 ft. Sample collected.
Section 40(1)

August 11/96

Sampled materials at Buckman's Creek (2 samples) + 4
mountain well on Fulcher property near Honeywell Road. - MW says they are being
crossmatched - similar to Gads' Singh
returned for 0830 - 1000 hrs.

[Signature]
to: Mr. Glen Troke - Department of Municipal Affairs
fax #: 729-2071
re: Buckmaster Circle Gaseous Catch Basin Problem
date: July 10, 1996
pages: 1, including cover sheet.

Concerning the above captioned problem, when we last talked I understood that the former GEO station was found to be leaking gasoline, and that the contaminated area is to be dug up as soon as weather conditions are suitable.

Can you please provide me with a status update on this.

From the desk of...
Brendan O'Connell, P. Eng.
Manager, Environmental Services Division
City of St. John's
PO Box 908
St. John's, Newfoundland
A1C 5M2
576-2531
Fax: 576-8026
Facsimile Transmission

TO: Glenn Troke  
Company: GSC Environment Division 
Fax: 729-2071

cc: Terra Nova Petroleum, [redacted]

FROM: [redacted]  
Date: December 5, 1995 
Project #: 4106

We are transmitting this page including this page.If you do not receive all pages, please telephone (709) 576-1429

COMMENTS
Re: Environmental Conditions, GEO Station, Corner Penneywell and Adams Ave., St. John's

Glenn,

Further to a request from Terra Nova Petroleum Ltd., I have spoken with you concerning recent observations of liquid petroleum product in two monitor wells at the above site. As I indicated on the telephone, our December 1, 1995 observations were about 85 cm of hydraulic oil in MW2 and 0.5 cm of gasoline in MW1. The September, 1995 observations were about the same for hydraulic oil, but 5.9 cm of gasoline product in MW1. The difference in apparent gasoline levels in MW1 may be an artifact of changing water table. Attached is a site plan for your reference.

[redacted] indicated to me that Terra Nova Petroleum intends to remove tankage at this site in the Spring. He would like to address the product contamination around the two wells at that time as well.

Would you please advise as the position of the GSC on postponing delineation/remediation action at this site until the planned tank removal in the spring. Please contact [redacted] directly at Terra Nova Petroleum Products Ltd.

694 Water Street  
St. John's, NF A1E 1C1

Also, please cc: me on your correspondence.

Best regards,

[redacted]
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atippoffice@gov.nl.ca.
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<td>708 578 2120</td>
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<tr>
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<td>12/08 17:11</td>
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<td>USAGE TIME</td>
<td>01:28</td>
</tr>
<tr>
<td>PAGES</td>
<td>2</td>
</tr>
</tbody>
</table>
Note to File

Jim v. Meo Penneywell Rd & Adams Ave.

Removal of waste oil and furnace oil tanks.

1. Removal of 7000 gal furnace oil tank & 500 gallon waste oil tank showed no evidence of contamination.

2. Removal of 2nd 500 gallon waste oil tank did reveal a leak in the piping from the building to the tank.

Contaminated soil excavated and removed.

Disposal at Robins Site Only.

Though size of excavation was 12' x 12' x 9 ft deep from the foundation building towards the rear of the site property. It is noted that only a small amount of waste oil was noted during inspection.

Stan Allan
PROVINCE OF NEWFOUNDLAND
Department of Environment
SCHEDULE B

Test Certification Form (as required under Sections 6, 7, 19, 25)

1. Station Name:  
   Address:  
   Tank Serial No.:  
   Date of Test:  
   Test Performed by:  
   Company Affiliation of Tester:  

2. Reason for Test - check one
   - New or altered or repaired system set into operation
   - Request from Department
   - System being abandoned
   - Storage tank system in critical area
   - Storage tank system in sensitive area
   - Other reasons (please specify)

3. Type of Test Used
   - Hydrostatic - underground system
   - 48 hour dip test - aboveground vertical system
   - Visual - overhead horizontal tanks
   - Pressure - piping systems
   - Electrical potential cathodic protection systems
   - Percolation test - dyking system
   - Other (please specify)

4. Attach a sketch of all storage tank systems at location, indicating which storage tank systems were tested.

5. Test results - please check
   - Yes
   - No
   - Leak in tank
   - Leak in piping
   - Undetermined leak in storage tank system
   - System liquid tight
   - Dyke permeability satisfactory
   - Electrical potential satisfactory
6. Test Results

<table>
<thead>
<tr>
<th>Hydrostatic Test</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>Pressure (Kilopascals)</td>
<td>Litres Injected or Drained</td>
<td>Temp °C</td>
<td>Accum. Vol. Change</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A. Duration of Test: ____________________________


C. Result (B/A): ____________________________

<table>
<thead>
<tr>
<th>48-Hour Dip Test</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>Dip Reading</td>
<td>Litres Change</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pressure Test

<table>
<thead>
<tr>
<th>Tested With</th>
<th>Liquid</th>
<th>Air</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two Tank</td>
<td>Piping</td>
</tr>
<tr>
<td>Initial Pressure</td>
<td>5 psi</td>
<td></td>
</tr>
<tr>
<td>Duration of Test</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>Final Pressure</td>
<td>5 psi</td>
<td></td>
</tr>
</tbody>
</table>

Percolation Test Result

Electrical Potential Measured _______ \( \text{L/m}^2/\text{y} \) \( \text{mv} \)

7. I (we) certify that the information supplied on this form is complete and accurate.

Tester ____________________________ Storage Tank System Operator ____________________________ 1991-06-19

Forward the completed form, with sketch to: Department of Environment P.O. Box 4750 St. John's, NF A1C 5Z7

Forward the completed form, with sketch to: 191-06-19

Witness Test: ____________________________
INSPECTION REPORT
INSTALLATION OF UNDERGROUND FIBERGLASS FUEL STORAGE TANKS

This report shall be completed in accordance with CAN4-8613-98 Appendix A.

A2 COLD WEATHER INSTALLATION
A2.1 Measures employed to ensure an unfrozen firm bed under tanks and a compacted backfill free of ice... [Yes]
Clacuim chloride not used...
Backfilling completed in one working day...

A3 INSPECTION
A3.1 Tanks inspected for damage prior to installation...

A4 EXCAVATION
A4.1 Minimum 600mm clearance between tanks...
Minimum 450mm clearance between tanks and hole walls...
A4.2 Excavation and dewatering performed in manner which preserves firm, uniform, foundation support for bedding the tank...

A5 PLACEMENT
A5.1 Bed thickness minimum 300mm of pea gravel (particle size 3 to 20mm) or washed crushed stone (3-13mm) clean and free-flowing...
A5.2 Tanks lowered into hole with lugs...
A5.3 Tanks tested and fittings soaped at 35 kPa maximum for 2 hours...

A6 ANCHORING
A6.1 a) By concrete slab and anchor straps; or...
b) By ground anchors and anchor straps; or...
c) Other approved method...
A6.2 Tanks separated from slab by at least 300mm of bedding...
A6.3 If ballasting is accomplished with petroleum product:
   a) Product not placed in tank until fill pipe and vent line installed in tank and until all other openings plugged; and.............................
   b) Level of liquid in tank did not vary from level of backfill material surrounding tank by more than 600mm to prevent uneven loading of tank during installation..............................

CLEARANCES
A7.1 Minimum clearance of 50mm between top of fill pipe cap and bottom of fill box cover, if provided ..............
   Fill pipe protected from vehicular traffic.................................
A7.2 Pump well, fill box and pipe work do not bear directly nor through spacers on tank...............................

BACKFILLING
A8.1,2 Excavation backfilled with pea gravel to 300mm above top centre line of tank (compaction not required - washed crushed stone is acceptable alternate to pea gravel)............................

COVER
A9.1 No-traffic loads - cover depth:
   Top of tank a minimum of 600mm below grade level (includes 300mm of pea gravel, A8.1)..............
A9.2 Traffic loads - cover depth (excluding 300mm backfill referred to in A8);
   600mm of backfill or...........................
   150mm of backfill plus 150mm reinforced concrete; or............................
   150mm of backfill plus 200mm of unreinforced concrete.............................
   Concrete slab extends minimum 300mm beyond tank(s) in all directions..........................

CLAUSE NO AND COMMENTS

COMPLIANCE WITH APPROVAL
Installer given copy of: a) ULC Standard..................
   b) Environmental Approval

Approval issued in 1990 (Aug)

Inspector's Signature
Storage Tank System Application
Waste oil and fuel oil
Tankage upgrade
L - L/D - S/S 6051
Ref: Station at 154 Pointwell Rd.

$50.00

12 00-074

Government of Newfoundland and Labrador
Official Receipt

RECEIVED
OCT 17 1993

This receipt not valid without cash register impression.

Central Cashier's Office

Signed:

Controller General of Finance

Notice: The attached cheque is tendered in full payment of items stated above. If correct, detach cheque; otherwise, return both cheque and statement.

Ce chèque couvre le paiement total des articles indiqués ci-dessus. S'il est exact, détacher le chèque. Sinon, retourner le chèque et le relevé.

BL 9/08
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR
DEPARTMENT OF ENVIRONMENT AND LANDS

CERTIFICATE OF APPROVAL

Pursuant to The Storage and Handling of Gasoline and Associated Products Regulations, 1982 (as amended, 1986), Section 14

Date: October 10, 1990

Proposent: McColl Frontenac Inc.
P. O. Box 12095
St. John's, NF
A1B 3T5

Approval No. GAP00-102445

Attention: [Redacted]

Approval is hereby given for the installation of one 2,250 litre fibreglass underground waste oil tank and one 2,250 litre fibreglass underground furnace oil tank at Jim's Service Station, Pennywell Road, St. John's, Newfoundland, as per your application dated 1990 09 31.

This approval does not release the proponent from the obligation to obtain appropriate approvals from other concerned provincial, federal and municipal agencies.

This approval is subject to the terms and conditions indicated in Appendix A (attached).

It should be noted that prior approval of any significant change in design or installation of the proposed works must be obtained from the Department of Environment and Lands.

Failure to comply with the terms and conditions will render this approval null and void, place the proponent and their agent(s) in violation of The Storage and Handling of Gasoline and Associated Products Regulations, 1982 (as amended, 1986), and make the proponent responsible for taking any remedial measures as may be prescribed by this Department.

[Signature]
MINISTER
1. The proponent shall comply with the provisions of The Regulations.

2. The system shall be installed in accordance with Schedule A dated 1990 09 21.

3. A copy of this Approval and the ULC S615 latest edition shall be provided to the installer before proceeding with the installation.

4. The tanks shall not be put into operation, and any associated underground piping shall not be backfilled, before being inspected by an official of this Department. This can be arranged by calling 576-2552 and giving advance notice of two working days.

5. The existing tanks shall be removed from the ground in accordance with Section 27 of The Regulations as amended, and disposed of or reused in accordance with Section 31 of The Regulations as amended.

6. Exposed pipelines shall be protected from vehicular collision damage by the installation of guard rails.

7. Disposal of waste oil shall be at an approved Waste Disposal Site and only with the permission of the owner/operator of that site. An alternative is sale or transfer of the waste oil to a collection service which has a Certificate of Approval from this Department.

8. The presence of metals and additives in waste lubricating oil could make its use in sawmills or chainsaws harmful to the health of the operator or others nearby even if it is used as a chain oil but especially if it is used with or as a fuel. Those taking waste oils must be cautioned to this effect.

9. This Approval is valid until 1992 10 10. Installation shall be completed by that date or the application and approval procedure shall be repeated.
cc: City of St. John's
    City Hall
    P.O. Box 908
    St. John's, NF
    A1C 5M2

    Fire Commissioner
    Fire Commissioner's Office
    Pleasantville Fire Station
    P. O. Box 8700
    St. John's, NF
    A1B 4J6

    Mr. Brian Power, P. Eng.
    Director, Env. Protection/NF
    CPS, Environment Canada
    P. O. Box 5037
    St. John's, NF
    A1C 5V3

Jim's Service Station Ltd.
154 Pennywell Road
St. John's, NF
A1C 2L4
Under Section 14 of the Storage and Handling of Gasoline and Associated Products Regulations, 1982 any new or altered bulk plant, service station or marina must apply for an Approval from the Minister, Department of Environment, prior to the installation of tanks and associated piping. The information supplied on this form plus engineering drawings showing the installation and construction details will suffice as an application for Approval.

1. Business name: Jim's Service Station Ltd.
   Address: 154 Pennywell Road
   Phone #: (709) 579-5270
   Owner name: McColl Frontenac Inc. (Texaco)
   Address: P.O. Box 12095 St. John's, NF
   Manager (chief operator) name: [Redacted]
   Supplier of gasoline or associated product: McColl Frontenac Inc.

2. TYPE OF INSTALLATION: Bulk plant _____, service station _____, marina _____, new _____, expanded _____, replacement x ______

3. DISTANCE OF S.T.S. TO THE NEAREST FEATURES (if less than 200 m)
   1. house N/A owner:
   2. commercial bldg. 10' name: MFI
   3. waterbody (river, stream, pond, lake, ocean) N/A name:
   4. well N/A owner(s):

4. LOCATION OF STORAGE TANK(S): Attach an engineering drawing or a neat sketch of the proposed installation, showing tank and piping location, adjacent roads, buildings and water bodies and corrosion protection equipment or dikes, where applicable. Number each tank and identify using these numbers throughout the form.

5. PROVIDE INFORMATION AS OUTLINED BELOW
<table>
<thead>
<tr>
<th>Tank No.</th>
<th>Tank 1: Furnace Oil</th>
<th>Tank 2: Waste Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>tank Manufacturer</td>
<td>CAR</td>
<td>CAR</td>
</tr>
<tr>
<td>tank material (fiberglass or steel)</td>
<td>Fiber</td>
<td>Fiber</td>
</tr>
<tr>
<td>tank capacity (litres)</td>
<td>2250</td>
<td>2250</td>
</tr>
<tr>
<td>Projected date of installation</td>
<td>9/10/15</td>
<td>9/10/15</td>
</tr>
<tr>
<td>U.T.C. code numbers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. TANK CONSTRUCTION SPECIFICATION - Check Appropriate Box
   - ULC S603 [ ]
   - ULC S603.1 [ ]
   - API 650 [ ]
   - ULC S615 x
   - ULC S601 [ ]
   - Variance approved [ ]
7. CONTINGENCY PLAN
   A contingency plan is mandatory for bulk plants and marinas. Contingency
   plans for other S.T.S. may be required by the Minister. Attach a copy of
   your contingency plan, if applicable.
   Is contingency plan attached?  Yes ___ No X ___

8. USED OR WASTE OILS
   Describe method of collection: ____________________________________________
   Is used or waste oil to be stored in: aboveground tanks? Yes ___ No ___
   underground tanks? Yes ___ No ___
   (Indicate "yes" by writing total capacity in litres.)
   Describe method of disposal: ____________________________________________
   Waste Disposal Service

   Floor drains in the service bays are to be connected to an oil separator.
   Attach engineering drawings or neat sketch detailing the above drainage
   and oil separation system.

9. IF ABOVEGROUND TANKS
   1. Describe the dyking system.
      a. material of construction ________________________________
      b. length ____ m  c. width _______________ m
      d. effective height _______________ m
      e. method of disposal of rainwater/snow accumulations?

   2. If the dyking system is more complicated describe on extra sheet and attach.

10. I hereby certify that the information provided by me on this application form
    is complete and accurate.

    Supplier/Agent for Applicant _____________________________
    Owner/Applicant _____________________________
    and/or _____________________________

    Date _____________________________ Date _____________________________

    If signed only by the supplier/agent for the applicant, indicate here that a copy
    and all attachments have been sent to the owner/applicant.

    _____________________________
    (Signature)

    This form does not supercede the requirements of any other Government Acts,
    Regulations or Standards.

    Forward to: Department of Environment
    P.O. Box 4750
    St. John's, Newfoundland
    A1C 5T7
DATE 01.06.11

TRANSMITTAL SLIP FOR:
A JOURNEY AUTHORIZATION
A REQUISITION
A PRESS RELEASE
LETTERS OF APPOINTMENT
AN ORDER FOR GAZETTING
AN ENVIRONMENT CERTIFICATE OF APPROVAL

Organizer: C.R. Pattle
C.W.S. - K.D. - W.U.
A.D.M. (Environment) - DGT

Deputy Minister
The Minister

PLEASE
- Sign original
- Return to originator for mailing and further copying (including title and binder)
- Affix Department Seal

COMMENTS: This is part of Texas Upgrading program pending funds will be equally allocated. CEP.
Please find enclosed your form and drawing of the new refined Underground Storage Tank construction at our Company owned Service Station at 164 Penneywell Rd and 1st Water St.

Instruct the contractor to explain on your form if enough for the Approved Of Oil Scheduled Storage Tanks.

Yours very truly,

Texas Canada Inc
P.O. Box 670
ST. JOHN'S
A1E 5H6

Section 40(1)
Environmental Approval #AA81-061378 for the Installation of One 45,400 Litre and One 31,800 Litre Fiberglass Underground Hydrocarbon Storage Tank at Noftall's Texaco Service Station, 164 Pennywell Road, St. John's.

Approval, subject to the following terms and conditions, is hereby given for the above mentioned installation as described in your storage tank system application form and attached general arrangement plan dated 1981 05 27:

1. This Approval, under Section 23 of The Department of Environment Act, is from an environmental standpoint only and does not release you from the obligation to obtain approval from other concerned Federal, Provincial or Municipal Agencies.

2. All fiberglass underground storage tanks must be constructed and shop tested in accordance with the Underwriters Laboratories of Canada S615-1977 "Standard for Reinforced Plastic Underground Tanks for Petroleum Products".

....../2
Government of Newfoundland and Labrador

Storage Tank System (S.T.S.) Application Form
Required by
Department of Consumer Affairs & Environment

Under Section 26 of the Department of Consumer Affairs & Environment Act any new or expanded bulk plant, service station or marina must apply for an Approval from the Minister, Department of Consumer Affairs & Environment, prior to the installation of tanks or the construction of water or sewage works. The information supplied on this form plus engineering drawings showing the installation and construction details will suffice as an application for Approval.

1. Business name ____________________________
   Address: 164 Pennywell Rd., St. John's, N.L.
   Phone #: (709) 579-5270
   Owner name: TEXACO CANADA INC
   Address: P.O. Box 1651, Halifax, N.S.
   Manager (Chief Operator) name: [Blank]

2. Type of installation: bulk plant ______, service station ______, marina ______, user ______, new ______, expanded ______.

3. Distance of S.T.S. to the nearest features (if less than 200 metres)
   1. house ______ owner: ______
   2. commercial bldg. ______ name: ______
   3. river or stream ______ name: ______
   4. pond or lake ______ name: ______
   5. well ______ owner(s): ______
   6. ocean ______

4. Location of storage tank(s): sketch in the space below the location of tanks with respect to buildings, water and other distinctive features.

Assign a number to each tank in the system. Alternatively, a number may be assigned to each tank on a plan to be attached.

SEE GENERAL ARRANGEMENT PLANS

Section 40(1)
5. Cleanup equipment

Describe the type and amounts of equipment or materials to be on-site or readily available to control and cleanup a spill or leak of gasoline or associated product.

<table>
<thead>
<tr>
<th>Type</th>
<th>Amount</th>
<th>On-site</th>
<th>Readily available (distance from site)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. boom</td>
<td>m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. absorbents</td>
<td>kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. skimmers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. Contingency plan

A contingency plan is mandatory for bulk plants and marinas. Contingency plans for other S.T.S. may be required by the Minister. Attach a copy of your contingency plan, if applicable.

Is contingency plan attached? Yes ___ No ___.

7. Used or waste oils

Describe method of collection:

______________________________

Is used or waste oil to be stored in: aboveground tanks? Yes ____ No ____
underground tanks? Yes ____ No ____

(Indicate "yes" by writing total capacity in litres.)

Describe method of disposal:

______________________________

Floor drains in the service bays are to be connected to an oil separator.
Sketch or attach engineering drawings detailing the above drainage and oil separation system.

*Contingency plan means a predetermined, written communications and action sequence which can be initiated quickly to cope with a spill or leak.
8. Provide information as outlined below:

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tank</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manufacturer of tank</td>
<td>EMAIL/CLASS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank material (fiberglass or steel)</td>
<td>FRP</td>
<td>FRP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank type (aboveground or underground)</td>
<td>U/I</td>
<td>U/I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal thickness (mm)</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank capacity (litres)</td>
<td>45,400 L</td>
<td>37,800 L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Diameter (m)</td>
<td>(2.9 m) 8' 10&quot;</td>
<td>8' 10&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank length (m)</td>
<td>(10.9 m) 35' 10&quot;</td>
<td>35' 10&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year of manufacture</td>
<td>1980-81</td>
<td>1980-81</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Projected date of installation</td>
<td>June 31</td>
<td>June 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Installer name and address (or denote &quot;tender&quot;)</td>
<td>Tender</td>
<td>Tender</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum operating pressure (kPa)</td>
<td>UK</td>
<td>UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum operating vacuum (kPa)</td>
<td>UK</td>
<td>UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.L.C. code numbers</td>
<td>UK</td>
<td>UK</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Use extra sheet if needed and attach.

9. Provide details of corrosion protection system to be used for tanks and associated piping, including information such as types of coatings, anode placement, etc. Attach any relevant drawings.

*NON CORROSIVE MATERIAL (FIBREGLASS)*

10. If underground tanks

1. Is the ground above the tanks to be subjected to vehicular traffic?  
   Yes [ ] No [X]

2. Type and depth of covering over tank(s).
   a. earth cover  Yes [ ] No [X] thickness 90 cm.
   b. well-packed gravel  Yes [ ] No [X] thickness ___ cm.
   c. reinforced concrete  Yes [X] No [ ] thickness ___ cm.
   d. asphaltic concrete  Yes [X] No [ ] thickness 7 cm.
   e. sand (compacted)  Yes [X] No [ ] thickness ___ cm.

3. Give numbers (from Section 4) of tanks of fibreglass construction.

p.176
11. If aboveground tanks

1. Describe the dyking system.
   a. material of construction
   b. length m
   c. width m
   d. effective height m
   e. shortest distance between tank shell and centre line of dyke m
   f. method of disposal of rainwater/snow accumulations?

2. If the dyking system is more complicated describe on extra sheet and attach.

12. I hereby certify that the information provided by me on this application form is complete and accurate.

Supplier/Agent for Applicant

Owner/Applicant

Date

If signed only by the supplier/agent for the applicant, indicate here that a copy and all attachments have been sent to the owner/applicant. (signature)

This form does not supersede the requirements of any other Government Acts, Regulations or Standards.

Forward to: Department of Consumer Affairs & Environment
          Elizabeth Towers
          100 Elizabeth Avenue
          St. John's, Newfoundland
          A1B 1R9

Do not write in this section (for office use only)

1. Registration complete? ✓
2. Contingency plan acceptable? —
3. Approval recommended? ✓
4. If no, necessary changes or additions?

Signature of Environment Officer

5. Designation of area: regular ✓
   sensitive
   critical
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atipoffice@gov.nl.ca.
Dry Cleaning Establishment Inspection Form

1. Company: Deluxe Dry Cleaners

2. Location: 159 Pennyswell Rd St John's

3. Mailing Address: AIC 2L5

Phone Number: 5767-5656

4. Perchloroethylene Use: Yes X No
   If no list other chemical(s) used:

   (a) Volume used ______ per day ______ per month ______ per year

   (b) Frequency of use:

   (c) Supplier: Trade Specialties

Comments: Filled in every 3 months
           2 machines

5. Perchloroethylene Storage:
   (a) Volume typically on hand: Only what is in the machine - none stored
   (b) Method of storage: N/A
   (c) Location of storage: N/A
Comments:

6. Percloethyene Disposal:
   (a) Disposal Site:

   (b) Quantity and type of disposal:

   (c) Waste Disposal Hauler: Island Waste Management

Comments:

7. Comments on general site conditions:

Date of Inspection: March 31/05  Environment Specialist: Ronald J. Hera
Dry Cleaning Establishment Inspection Form

1. Company: Deluxe Dry Cleaners

2. Location: 159 Pennywell Road St. Johns

3. Mailing Address: AIC 2L 5

Phone Number: 579-5694

4. Perchloroethylene Use: Yes ☑ No

If no list other chemical(s) used:

Call:
(a) Volume used ______ per day, ______ per month, ______ per year

(b) Frequency of use:

(c) Supplier: Trade Specialties

Comments: St. John's

5. Perchloroethylene Storage:

(a) Volume typically on hand: 25 gal. plus 25 gal. in use

(b) Method of storage: Sealed drums (4 x 32kg drums)

(c) Location of storage: In back of facility near access/garage door.

Recommended bermed area / containment to avoid accidental collision or spilling (by vehicle, etc.)
Comments: This is the only Deluxe Dry Cleaner in the area that uses TCE. Other locations are drop-off sites.

6. Perclorehylene Disposal:
   (a) Disposal Site:
   
   (b) Quantity and type of disposal: One 48 gallons of sludge on hand for pick-up by Island Waste Management
   (c) Waste Disposal Hauler: Island Waste Management
   Comments: The usual accumulation of waste is 16 gal. for the entire year.
   
   (Based in: St. John's) 834-7350

7. Comments on general site conditions:
   Recommended more protection and containment for drums of TCE. (The 4 drums near the garage door) noted that he would comply and also that it is unusual for drums to be stored - usual procedure is to put product directly into machines upon delivery. Filters charged once per year - they are packed and disposed of by Env. W. Management.

Date of Inspection: November 25/03

Environment Specialist
Benda Rose

Aware of new regulations and the supplier has educated him on these. On process of making plans for containment of sludge, etc. and taking care of.
February 16, 1998

O'Reilly and Noseworthy
Suite 401, Scotia Centre
235 Water Street
St. John's, NF
A1C 1B6

Attention: [Redacted]

Re: Deluxe Dry Cleaners, 159 Pennywell Road, St. John's, NF

Dear [Redacted]

This refers to your letter of February 9, 1998, regarding the environmental status of the above mentioned property.

Currently, we are in the process of contacting Terra Nova Petroleum to obtain their most recent remediation reports. To-date we are aware of the remediation efforts, however, we have no record of the work completed. Due to the proximity of Deluxe Dry Cleaners to the now Petro Canada Service Station, the Department is unable to grant environmental clearance until a review of the remediation efforts at the service station has been completed.

Should you have any questions or concerns regarding the information, you may contact the undersigned at 729-2008.

Yours truly,

DON MARTIN, C.P.H.I.
Manager of Operations

DM/II

5 Mews Place, P.O. Box 8700, St. John's, Newfoundland, Canada, A1B 4J6
O'Reilly, Noseworthy
BARRISTERS, SOLICITORS & NOTARIES

Suite 401, Scotia Centre
235 Water Street
St. John's, Newfoundland
Canada A1C 1B6
Telephone (709) 726-3321
Facsimile (709) 726-2992

RE: 159 Pennywell Road

TO: Don Martin
COMPANY: Government Services Centre
FROM: [Redacted]

DATE: February 9, 1998
FAX: 729-4071
RE: File No. 14421-08

We are transmitting 4 page(s), including this cover page.

MESSAGE

Don

to date I cannot find any letter of closure
for this site (Peto Canada). Remediation was
conducted on site but no final report appears to
have been received. I do not know if
any of this stands.

Trev 018-02-10

ORIGINAL: Held on File
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February 9, 1998

Government of Newfoundland
and Labrador
Department of Government
Services and Lands
Government Services Centre
5 Mews Place
P. O. Box 8700
St. John’s, Newfoundland
A1B 4J6

Attention: Don Martin,
Manager of Operations

Dear Sirs:

RE: Deluxe Dry Cleaners Limited
159 Pennywell Road, St. John’s
Our File No. 14421-08

We act for Deluxe Dry Cleaners Limited, owners of property at 159 Pennywell Road. Our client is in the process of doing some refinancing with respect to their property and is also looking at the possibly of acquiring lands adjacent to their existing property. Before we can proceed with these matters there is a condition that a clean environmental report be obtained. In that regard we engaged Jacques Whitford Environment Limited to conduct Phase I Assessments on each of these properties. As part of the Phase I Report we have been provided with a copy of correspondence from Trent Carter dated January 29, 1998, a copy of which is enclosed. The Phase I Report that we were provided with also indicates that in conjunction with a remediation done by the Petro Canada Service Station owner, there apparently were three monitor wells placed adjacent to our client’s property as reference to the attached plan will show. Mr. Carter’s correspondence indicates that the extent of any off site impacts is not known.
and that to the extent that any monitor wells were placed, the results of those wells are not known by Government either.

As you can appreciate, these issues are of concern to our client to review. Kindly advise whether Petro Canada is obligated to provide you with these further results of their off site testing, and if so, what steps Government Services Centre has taken or is taking to obtain that information. As results of those testings directly impact upon our client, kindly advise as to whether, once received, this information would be available to our client. Again, as commercial activity is being held up as a result of these environmental concerns, we look forward to your immediate response and any advice that you might have for our client.

Yours very truly,

RWS/dmh
Enclosures
January 29, 1998

Jacques Whitford Environment Limited
607 Torbay Road
St. John’s, NF
A1A 4Y6

ATTENTION: [Redacted]

RE: Deluxe Dry Cleaners, 159 Pennywell Road, St. John’s, NF

This refers to your letter of January 21, 1998, requesting information on an environmental site assessment of the above mentioned property.

Deluxe Dry Cleaners is located downslope of a former GEO Service Station and now Petro Canada Service Station. The Department of Government Services and Lands are aware of past soil contamination problems on the service station property. To date some remediation has been conducted on site, however, the extent of any off-site impacts is not known. Our files also indicate that residents in the area have expressed concern with hydrocarbon odours in catch basins in Buckmaster Circle.

The Department of Environment and Labor and the Department of Government Services and Lands makes no representations or warranties on the accuracy or completeness of the information provided.

Should you have any questions or concerns regarding this information, you may contact the undersigned at 729-3098.

Sincerely,

[Signature]

TRENT CARTER, M.A.Sc.
Environmental Health Officer II

TC/II

Section 40(1)
Potential copyright material

If you wish to obtain a copy please contact the ATIPP Office at (709) 729-7072 or atippoffice@gov.nl.ca.
Jacques Whitford Environment Limited
Consulting Engineers - Environmental Scientists

Facsimile Transmission

TO
Name: Trent Carter
Company: Department of Government Services and Lands - St. John's
Fax: 729-2071

FROM
Name: [Redacted]
Date: January 21, 1998
Project #: 85247 and 84248

We are transmitting 2 page(s) including this page.
If you do not receive all pages, please telephone (709) 576-1458

COMMENTS

Re: Environmental Compliance

We are conducting a Phase 1 Environmental Site Assessment on the property listed below. Please review your records for the site and adjacent properties and advise us in writing on:

i) underground storage tank registration, or records of tank decommissioning;
ii) knowledge/records of past environmental infractions; and
iii) any known existing environmental concerns.

The property information is as follows:

1. Deluxe Dry Cleaners
   159 Pennywell Road (Intersection of Pennywell Road & Navy Road), St. John's, NF

2. Land of the former Newfoundland Broadcasting Building Corner of Navy Road and Buckmaster Circle, St. John's, NF

As discussed Trent, the properties are down gradient of the former Ultramar Station and current Petro Canada station. Previous discussions with Mr. Glenn Allan indicated residents in the area were experiencing odours in their basements and there was a concern with hydrocarbon odours in catch basins in Buckmaster Circle.

Thank you in advance for your assistance and understanding, the Phase I ESAs are required by the lawyers early next week. The release letter from NTV will follow as soon as we get it. Please call if you have any questions.

Regards,

JACQUES WHITFORD ENVIRONMENT LIMITED

Section 40(1)
January 20, 1998

Mr. Trent Carter  
Government Services Centre  
Department of Government Services and Lands  
P.O. Box 8700  
St. John’s, NF  
A1B 4J6

Dear Mr. Carter:

RE: Phase I Environmental Site Assessment  
Deluxe Dry Cleaners  
159 Pennywell Road (intersection of Pennywell Road & Navy Road), St. John’s, NF

As the primary owner of the above listed property, I certify that Jacques Whitford Environment Limited has been contracted to do an Environmental Site Assessment on the property.

Please release any information pertaining to this property to Jacques Whitford Environment Limited.

Sincerely,

cc  
Jacques Whitford Environment Limited  
fax: (709) 576-2126