



**Conservation and Water Stewardship**

Environmental Stewardship Division

Environmental Approvals Branch

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December 2, 2015

Jordan Hardy  
Imperial Oil Environmental Services  
237 Fourth Avenue S.W.  
Calgary, AB T2P 3M9

Dear Mr. Hardy:

Re: Remedial Action Plan, Former Fuel Facility and Carwash, 287 Main Street, Selkirk, Manitoba; Designation under "The Contaminated Sites Remediation Act"

This letter is to advise that the above-noted property ("the site") has been designated as an **impacted site**, under Section 7.1(1) of *The Contaminated Sites Remediation Act*, C.C.S.M, c. C205 ("the CSRA").

Manitoba Conservation and Water Stewardship (CWS) acknowledges receipt of a Remediation Plan for the site prepared by Kleinfelder Canada Inc on November 30, 2015. The Remediation Plan states:

- Based on observed impacts and soil strata, it is estimated that there will be approximately 200 cubic m<sup>3</sup> of non-impacted overburden (excluding the area around the UST) that will be stockpiled, screened, sampled and re-used as near-surface backfill material for the excavation;
- The estimate of contaminated soil to be treated on site is approximately 700 m<sup>3</sup> or 1,400 t, assuming 2 tonnes per cubic metre (t/m<sup>3</sup>);
- Impacted soil will be excavated and temporarily placed in a stockpile above grade. Following the completion of the removal activities, the excavated materials will be processed through a mechanical screening bucket (Allu® or similar) attached to an excavator. As the processing of excavated materials is completed, the material will be placed on polyethylene sheeting in temporary windrow piles and sampled to confirm compliance with applicable criteria prior to reintering on site;
- During the remedial activities, all monitoring wells located within the excavation area will be removed;
- Sustained excavation dewatering is not anticipated for this site based on known Site

conditions. Groundwater liberated from the excavation process will remain on Site and be allowed to decant back into the excavation until such time as the water volume impedes excavation progress. In the event that water removal becomes necessary, the water will be removed via vacuum truck and transported to an IOL-approved facility unless the water quality meets the local sanitary sewer or storm water sewer discharge by-law requirements. If light non-aqueous phase liquid (LNAPL) is found and accumulates in the excavation, it will be pumped out and disposed of at an IOL approved facility;

- Following the completion of the backfilling of the remedial excavations, a post remediation groundwater assessment program will be completed to demonstrate that the remediation objectives of the RAP were met. The program will include the installation of select replacement monitoring wells and the completion of one groundwater sampling event, including monitoring wells not abandoned during the soil remediation activities. Following installation, the monitoring wells will be monitored with field instruments for well headspace organic vapour measurements and depth to groundwater; and sampled for laboratory analysis of BTEX, PHC F1 and F2 and dissolved lead. If the results of the initial sampling event demonstrate compliance with the remediation objectives, then the monitoring program may be discontinued and the wells decommissioned. If the groundwater analytical results of the initial sampling event are non-compliant with applicable guidelines, then additional groundwater events may be completed to evaluate the natural attenuation of residual hydrocarbons.

This letter constitutes written authorization as specified under *The Contaminated Sites Remediation Act*, C.C.S.M, c. C205, s. 17.1 (1) for Imperial Oil Limited to proceed with the remediation of the site as described in the Remediation Plan. Any change to the Remediation Plan must be approved by the undersigned prior to initiating the change. A Summary Report documenting the remediation should be submitted to this office for review at the completion of the Remediation Plan.

If you believe that you are not responsible for the remediation of the site or if one or more other persons should also be responsible for remediation of the site, you may make an Application for Determination of Responsibility under Section 7.3(1) of the CSRA. The Application for Determination of Responsibility must:

- a. be made in writing;
- b. be filed with the Director no later than 90 days after the site was designated as an impacted site, or such longer time as the director may authorize by written notice; and
- c. contain any information about the persons the owner believes should be responsible for the remediation of the site.

If, in the director's opinion, the site is no longer contaminated at a level that may pose a threat to human health or safety or to the environment, the director shall revoke the designation by written order as per Section 7.2 (1) of the CSRA.

It should be noted that the position of Manitoba Conservation and Water Stewardship as stated in this letter is based on the information provided to this office by Kleinfelder Canada Inc. and relates only to the matters within the scope of the investigation conducted by Kleinfelder Canada Inc.

If you have any questions regarding this letter, please contact Warren Rospad, Contaminated Sites Program Specialist at 204-330-2685.

Sincerely,

A handwritten signature in cursive script that reads "Tracey Braun".

Tracey Braun  
Director

- c. File: 20093  
Amanda Pocsik (Kleinfelder Canada Inc.)  
Environmental Compliance and Enforcement