

October 23, 2012

VIA Email: [matthew.mcelwaine@pwgsc-tpsgc.gc.ca](mailto:matthew.mcelwaine@pwgsc-tpsgc.gc.ca)

Matthew McElwaine, Environmental Engineer  
Northern Contaminated Sites, Western Region  
Telus Plaza North  
5<sup>th</sup> Floor, 10025 Jasper Avenue  
Edmonton, AB T5J 1S6

Dear Mr. McElwaine:

**Project No: 60149115**

**Regarding: CAM-D DEW Line Environmental Remediation –CAM-D Camp Final Inspection**

On September 5, 2012, representatives from PWGSC (Matthew McElwaine), AANDC (Dele Morakinyo), AECOM (Greg Wright) and Kudlik (Francois Bourassa) visited the former CAM-D site to conduct a final inspection of the former CAM-D construction camp area. The former camp was located adjacent to Borrow Area No. 2, approximately 5 km southwest of the CAM-D DEW Line Site. The CAM-D camp infrastructure, equipment, supplies, contaminated soils and hazardous materials, etc were demobilized to Shepherd Bay during the March 2012 CAT train; however, being that this occurred when the area was snow covered, the camp area itself required a final inspection once the area was free and clear. In addition, a final inspection of the Shepherd Bay camp was required once all materials were removed, following the September 2012 Sealift. Photographs of the CAM-D camp inspection, the Shepherd Bay demobilization inspection and the CAM-D site visit are attached.

### **CAM-D Camp**

In October 2011, prior to arranging the camp infrastructure, equipment, barrels, hazardous materials, contaminated soil, etc in preparation for the final CAT train, the CAM-D camp area was cleaned of debris, and reshaped to eliminate ruts, to remove pads constructed for the camp and to promote drainage. Also, prior to placing anything in the staging areas, the areas were compacted in an effort to reduce the potential for any of the staged equipment and infrastructure on blocks, and the materials on pallets, to sink in to the surface soil.

A visual assessment of the former construction camp identified a small amount of wood, remaining from pallets, chocks and other miscellaneous wood waste, was found scattered around the camp area. There was also a minor amount of metal and plastic debris within the former camp area. All wood debris was collected, stockpiled and incinerated. The waste unsuitable for incineration (i.e. anything other than unpainted, untreated wood) was collected and removed from the site, to be disposed of at the dump in Kugaaruk. In addition, a small privy, used for grey water disposal for the temporary camp in place during the March 2012 CAT train required backfilling. Large boulders were

used to fill the majority of the hole, which were then covered using surrounding soil. Aside from the minor amount of debris and the pit that required backfilling, the CAM-D camp area was found to be in very good condition, with no erosion channels, slope instabilities, spills, or other significant issues observed.

### **CAM-D Site**

Visual observations of the performance of constructed features at the CAM-D site itself, including the non-hazardous waste landfill (NHWL), reshaping of the haul road, regrades, and backfilled excavations were also conducted; however, time for visual inspection of the CAM-D site was limited. The following observations are generalized and not intended to be a complete record of conditions on site, as it was understood that the long term monitoring and inspection was completed separately, by another consultant. Backfilled excavations, regraded dump areas and the NHWL were inspected and found to be in very good condition and performing as intended. Equipment cleat marks are still prominent on constructed surfaces and no erosion channels or slope instability features were observed. Drainage courses along the haul road, between the camp area and the CAM-D site, have been adequately restored and the road itself is not impeding drainage in any way.

### **Shepherd Bay Sealift**

Final demobilization of equipment and demolition debris occurred between September 14 and 16, 2012. Prior to the sealift arriving, Kudlik was on-site to prepare equipment and materials for transport south, which included the contaminated soil, barrels containing various waste oil products, as well as other hazardous materials. At the completion of the demobilization activities, no camp infrastructure, equipment, supplies, contaminated soils and hazardous materials, etc remained at Shepherd Bay, and there was no debris was observed at the former Shepherd Bay camp area or at the beach staging area. In addition, the former camp area was reshaped to remove pads constructed for the camp and to backfill the grey water privy used when the camp was in operation.

I trust the information provided meets your current requirements; however, if you require additional information or clarification please the undersigned at (780) 486-5922.

Sincerely,  
**AECOM Canada Ltd.**



Greg Wright, M.Sc.  
greg.wright@aecom.com

gtw



**Photograph 1 – CAM-D Camp, facing West (August 28, 2005). ↑**



**Photograph 2 – CAM-D Camp, facing West (July 6, 2010). ↑**



**Photograph 3 – CAM-D Camp, facing West (September 5, 2012). ↑**

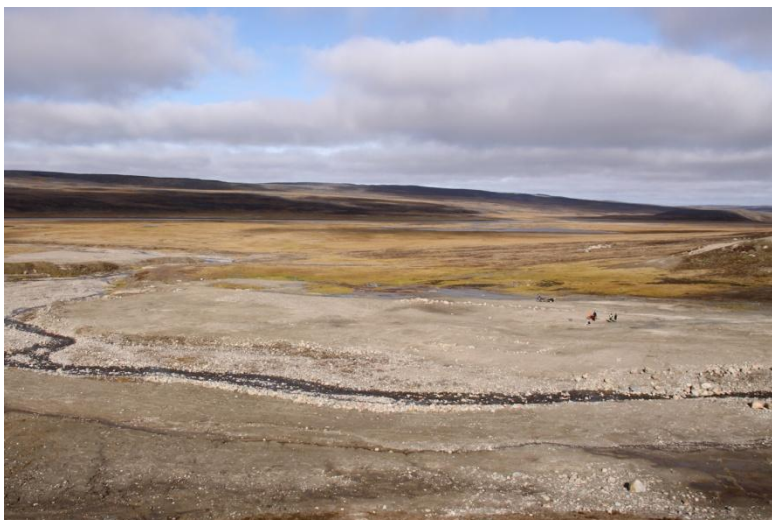




**Photograph 4 – CAM-D Camp, facing Northwest (July 7, 2010). ↑**



**Photograph 5 – CAM-D Camp, facing Northwest (September 27, 2011). ↑**



**Photograph 6 – CAM-D Camp, facing Northwest (September 5, 2012). ↑**



**Photograph 7 – Backfilling the winter camp greywater privy (September 5, 2012). ↑**



**Photograph 8– View of former camp area (September 5, 2012). ↑**





**Photograph 9 – Former haul road (September 5, 2012). ↑**



**Photograph 10– CAM-D Site, facing West (September 5, 2012). ↑**





**Photograph 11 – NHWL, facing South (September 5, 2012). ↑**



**Photograph 12– NHWL, facing West (September 5, 2012). ↑**





**Photograph 13– Shepherd Bay beach staging area, facing South (September 7, 2012). ↑**



**Photograph 14– Shepherd Bay beach staging area, facing South (September 16, 2012). ↑**





**Photograph 15— Shepherd Bay beach staging area, facing West (September 14, 2012). ↑**



**Photograph 16— Shepherd Bay beach staging area, facing West (September 16, 2012). ↑**



**Photograph 17– Shepherd Bay Camp Area, facing Southeast (September 13, 2012). ↑**



**Photograph 18– Shepherd Bay beach staging area, facing South (September 16, 2012). ↑**