

OGC File: 9637072

September 21, 2012

Pacific Trail Pipelines Management Inc.
#1000, 700 – 9th Ave SW
Calgary, Alberta T2P 3V4

Attention: Surface Land Administrator

Re: Approval for Changes in and About a Stream

This approves you, under Section 9 of the *Water Act* to make changes in and about a stream as follows:

1. The approved temporary stream crossings on Crown land are identified on the attached matrix.
2. This approval does not authorize any work or undertaking that results in the harmful alteration, disruption or destruction of fish habitat, as described within the *Federal Fisheries Act of Canada*.

Additional Conditions:

1. Stream crossing methods must be selected and constructed in accordance with the *Environmental Protection and Management Guidebook*, including the Best Management Practices outlined therein.
2. No in-stream works on fish bearing streams or works that may adversely impact fish or fish habitat are authorized.
3. Refer to the *Forest Practices Code of British Columbia Act – Forest Road Regulation* at: <http://www.for.gov.bc.ca/tasb/legsregs/ARCHIVE/FPC/FPCAREGS/forroad/froadr.htm#section7-1> for more information regarding temporary and permanent structures.
4. PTP is to provide a schedule of work to the Haisla Nation Council to help facilitate Haisla Nation Council representative(s) to attend and monitor work at times scheduled.



Ryan Stark
Natural Resource Officer

pc: Scott Land and Lease Ltd.

pc: OGC File: 9637072

pc: Haisla First Nation, Kitselas First Nation

-  Pipeline Alignment, to be cleared
-  Pipeline Alignment, no clearing
-  Access Road (new temporary)
-  Access Road (deactivated or overgrown)
-  Stockpile Site
-  Pipeline Crossing ID
-  Access Road Crossing to be Upgraded
-  Kilometre Marker Post (2011)
-  Existing Pipeline
-  Transmission Line
-  Other Infrastructure
-  Road
-  Rivers; Lakes
-  Marsh; Swamp
-  Parks and Protected Areas
-  Mapsheet Breakline

9637072



Pipeline Route Information (2012 Preferred [walked] Route):
 Apache Corporation, May 18, 2012 (Sec1); June 2, 2012 (Sec2);
 June 13, 2012 and July 4, 2012 (Sec4).
 Early Works - no logging: Apache Corporation, Aug 21 2012.
 Access Roads: IPP Jan-Feb, 2012;
 Stream Crossings: GeoMarine Consulting, Aug 17, 2012,
 Base mapping: Government of British Columbia TRIM 2005;
 Digital Road Atlas 2011; Freshwater Atlas 2011.
 Orthoimagery along pipeline: Selkirk Remote Sensing Aug, 2006.
 Base Orthoimagery: Government of British Columbia 1995-2005.

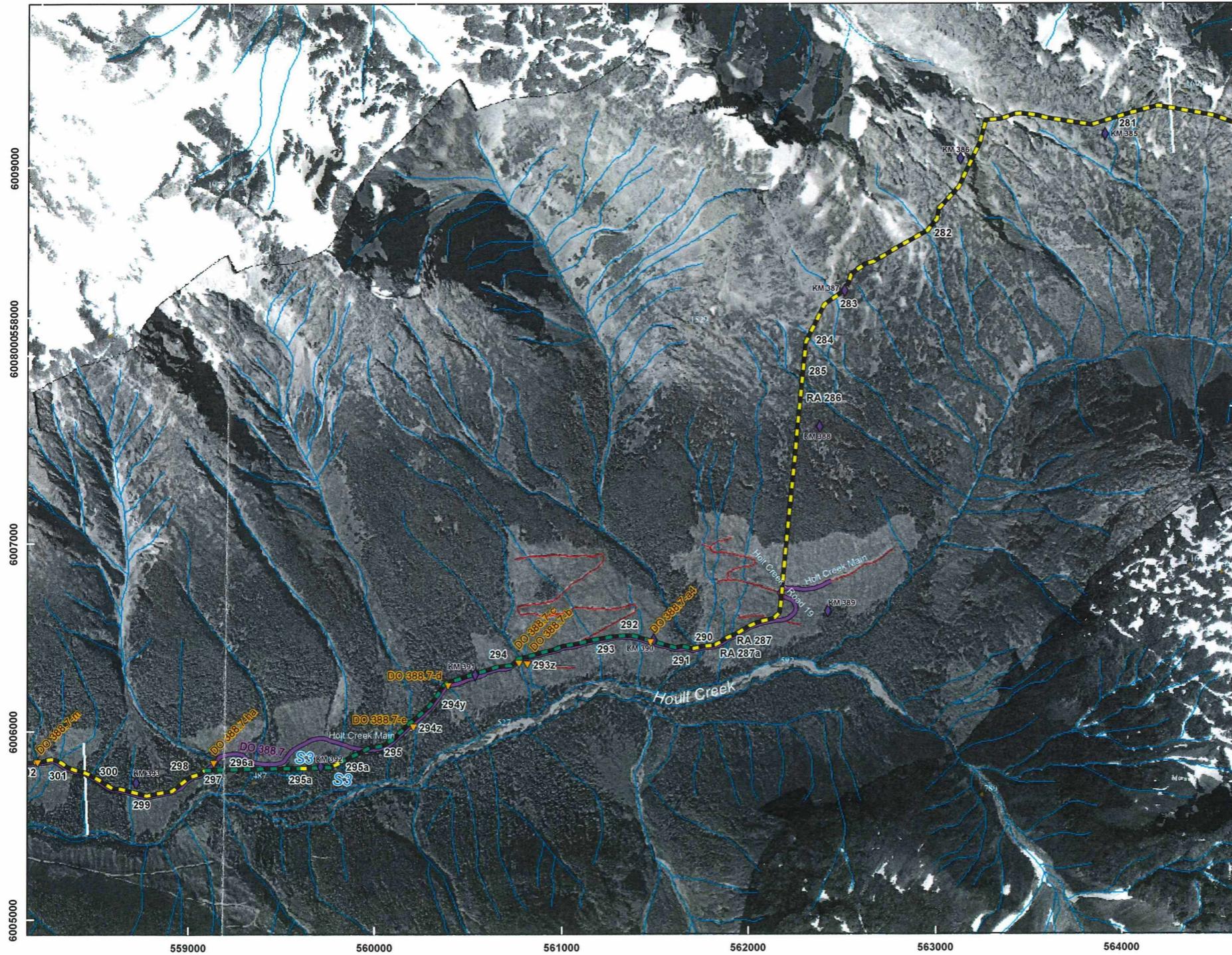
Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.



1:20,000
 August 22, 2012

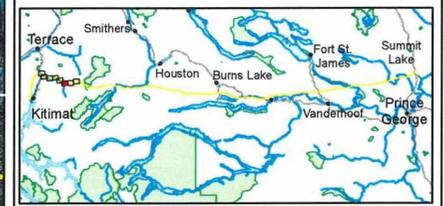


Transverse Mercator, NAD83 - Graticule are UTM 09
 PTP_ortho_EarlyWorks_rev1.mxd



-  Pipeline Alignment, to be cleared
-  Pipeline Alignment, no clearing
-  Access Road (new temporary)
-  Access Road (deactivated or overgrown)
-  Stockpile Site
-  Pipeline Crossing ID
-  Access Road Crossing to be Upgraded
-  Kilometre Marker Post (2011)
-  Existing Pipeline
-  Transmission Line
-  Other Infrastructure
-  Road
-  Rivers; Lakes
-  Marsh; Swamp
-  Parks and Protected Areas
-  Mapsheet Breakline

9637072



Pipeline Route Information (2012 Preferred [walked] Route):
 Apache Corporation, May 18, 2012 (Sec1); June 2, 2012 (Sec2);
 June 13, 2012 and July 4, 2012 (Sec4).
 Early Works - no logging: Apache Corporation, Aug 21 2012.
 Access Roads: IPP Jan-Feb, 2012;
 Stream Crossings: GeolMarine Consulting, Aug 17, 2012.
 Base mapping: Government of British Columbia TRIM 2005;
 Digital Road Atlas 2011; Freshwater Atlas 2011.
 Orthoimagery along pipeline: Selkirk Remote Sensing Aug, 2006.
 Base Orthoimagery: Government of British Columbia 1995-2005.

Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.

westland
 RESOURCE GROUP
 A division of TERRA Environmental Consultants

1:20,000
 August 22, 2012

Transverse Mercator, NAD83 - Graticule are UTM 09

PTP_ortho_EarlyWorks_rev1.mxd

