



OGC File: 9638355

June 26, 2013

Shell Canada Limited
400, 4th Ave SW. PO Box 100 Station M
Calgary, Alberta, T2P 2H5

Attention: Surface Land Administrator

Re: Investigative Permit- Section 14 over Crown Land, Range 4 Coast District
within NTS Map Sheet 103H.097.4.3.

Date of Issuance: June 26, 2013
Commission File No: 9638355
Applicant File No: 941191

PERMISSIONS

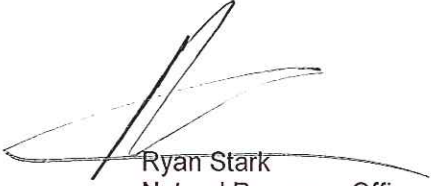
The Oil and Gas Commission ("Commisson") hereby authorizes the holder of permit number 9638355, under section 14 of the *Land Act*, to allow Shell Canada Limited (the "permit holder") to occupy Crown land within the areas described the polygon area in the attached sketch plan Project No: 11-1447-0238, Revision 1, dated June 7, 2013, as submitted to the Commission in the permit application dated June 11, 2013 (hereinafter referenced together as the "Site"), to conduct appraisals, inspections, analyses, inventories, surveys or other investigations under Authorization Number 941191, subject to conditions set out below.

CONDITIONS

1. The permit holder may use and occupy the Site only for the purposes of investigating the site for potential oil and gas activities and related activities as defined in the *Oil and Gas Activities Act*.
2. The total disturbance within the Site must not exceed 128.9 Ha.
3. The permit holder will indemnify the Province of British Columbia (the Province) and the Oil and Gas Commission against all losses, damages, costs and liabilities arising out of any breach or non-performance of any condition or agreement set out in this Permit and any personal injury, death or property damage occurring within the Site, or happening by virtue of its occupation of the Site, and the amount of such losses, damages and costs shall be payable to the Province or the Oil and Gas Commission immediately.
4. The permit holder will immediately effect, and keep in force while this Permit is in effect, insurance of an amount not less than \$1,000,000 protecting the Province, the Commission and the permit holder (without any rights of cross-claim or subrogation) against claims for personal injury, death, property damage, or third party or public liability claims arising from any accident or occurrence on the Site.

5. The permit holder will restore the site to the satisfaction of the Oil and Gas Commission following expiration or cancellation of this Permit.
6. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the Site. The permit holder will not interfere with any person found on the Site who has a public right of access over the Site or is using the Site pursuant to a prior or subsequent *Land Act* disposition.
7. The rights granted by this permit are subject to all subsisting grants to or rights of any person made or acquired under the *Coal Act*, *Forest Act*, *Mineral Tenure Act*, *Petroleum and Natural Gas Act*, *Range Act*, *Water Act* or *Wildlife Act*, or any extension or renewal of the same, any prior dispositions made under the *Land Act*, and the exceptions and reservations of rights and interests under Section 50 of the *Land Act*.
8. The permit holder will acknowledge and agree that any interference with rights granted under this permit by virtue of the exercise or operation of the rights or interests set out in the Sections (6) or (7) above shall not constitute a breach of the Province's or the Commission's obligations under this permit and the permit holder will release and discharge the Province and/or the Commission from any claim for loss or damage arising directly or indirectly out of any such interference. The permit holder will also agree to pay all costs and expenses that arise out of the permit holder's interference with the rights or interests set out in Sections (6) or (7) and that the permit holder will not commence or maintain proceedings under Section 65 of the *Land Act* with respect to interference with the permit holder's rights arising out of exercise or operation of the rights set out in Sections (6) or (7).
9. The permit holder must pay to the Province, when due, the Fees to the address and in accordance with the instructions set out in the attached covering letter.
10. The permit holder must not assign or sub-tenure this Permit. The permit holder must not transfer this permit without the Commission's written consent, which consent may be granted or withheld at the Commission's sole discretion.
11. This permit expires two years from the date of issuance.
12. The permit holder must notify the Commission prior to commencing activities under this permit. Notification may be sent to C&E@bcogc.ca.
13. Within 60 days of the completion of the clearing phase of the activity authorized, the permit holder must submit to the Commission a Post-construction plan as an ePASS shape file accurately identifying the locations of the overall disturbance within the Site.
14. The permit holder must abide by and comply with all applicable laws, bylaws, orders, directions, ordinances, and regulations of any government authority having jurisdiction in any way affecting its use or occupation of the Site, including, without limitation, the provisions of the *Land Act* and the provisions of this Permit.
15. 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*

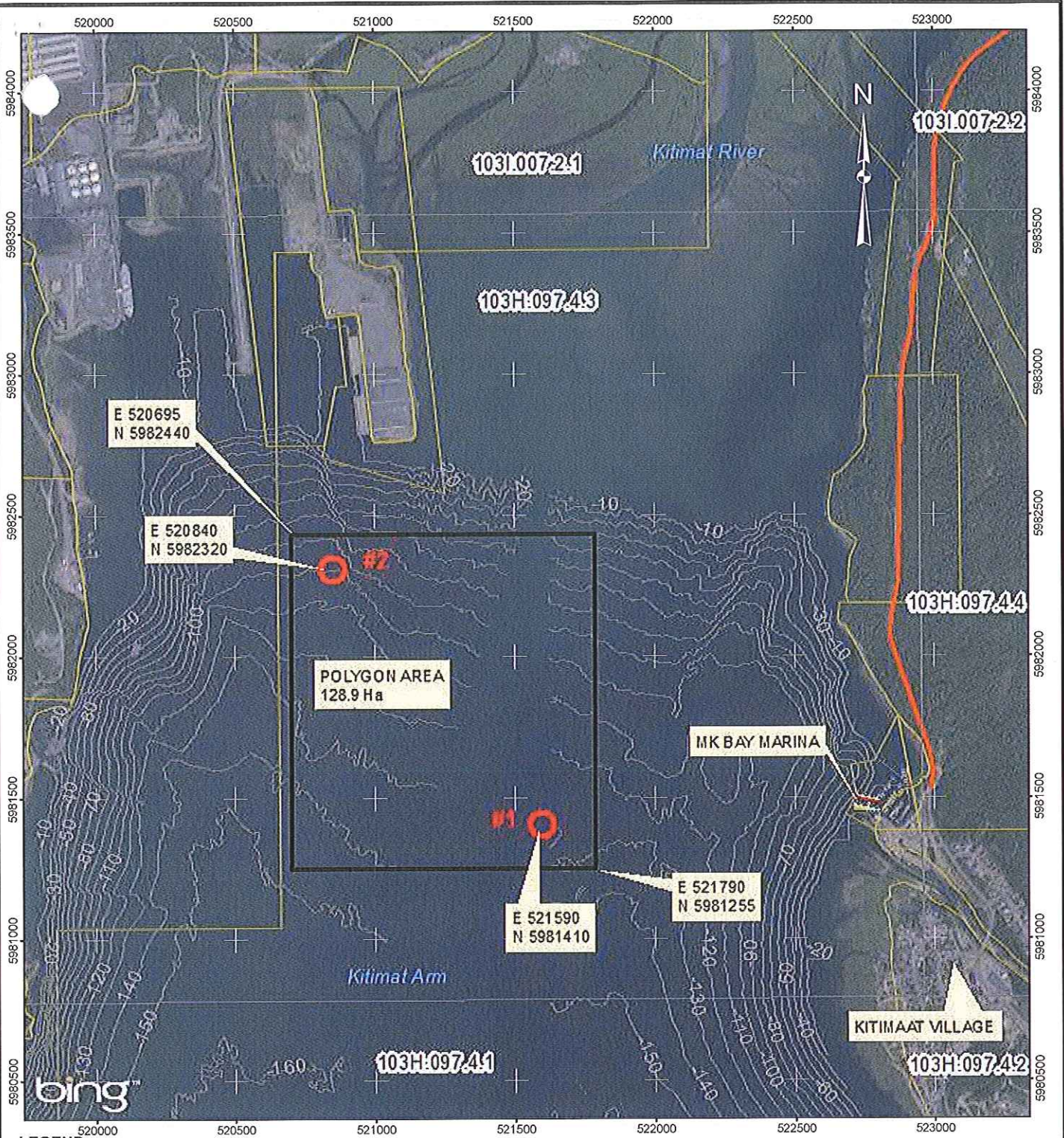
The attached plan(s) form an integral part of this authorization.



Ryan Stark
Natural Resource Officer

pc: FLNRO – Kalum Office
pc: Haisla Nation

File Path \\golder\gds\gal\Burnaby\CAD-GIS\Bur-Graphical\Projects\2011\1447-0238\GIS\Mapping\MXD\General\13000\Buoy_Locations_20K_BCGS.mxd



LEGEND

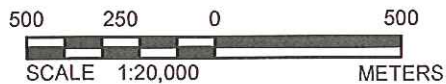
- BC TENURE BOUNDARIES (INTEGRATED CADASTRAL FABRIC)
- PROPOSED BUOY MOORING LOCATIONS
- WHSE_BASEMAPPING_BCGS_5K_GRID
- BOUNDARY FOR PROPOSED WORK
- ACCESS ROAD TO MK MARINA
- BATHYMETRY DEPTH CONTOURS (METERS)

NOTES

PROPOSED WORK AREA (SUBMITTED AS SHAPE FILE THROUGH EPASS) HAS AREA 128.9 HA. ACTUAL AREA OCCUPIED BY MOORINGS IS ONLY 1 SQUARE METER PER MOORING.

REFERENCE

CADASTRAL LINES FROM BC INTEGRATED CADASTRAL FABRIC. DATUM: NAD83. PROJECTION: UTM ZONE 9N. BATHYMETRY IN CHART DATUM. SATELLITE IMAGE DATE AUGUST 2010. BATHYMETRY FROM TERRA REMOTE SENSING INC., REPORT TO AMEC AND NORTHERN GATEWAY PIPELINES, "SURVEY OPERATIONS REPORT", NOVEMBER 2010



PROJECT			
SHELL CANADA LIMITED METOCEAN SCIENTIFIC BUOY DATA COLLECTION, KITIMAT ARM, KITIMAT, BC			
TITLE			
1:20K BCGS PLAN MAP (NTS MAP SHEET 103H.097.4.3) PROPOSED LOCATIONS FOR TWO SCIENTIFIC BUOYS TEMPORARILY MOORED TO SEA FLOOR			
PROJECT		11-1447-0238	FILE No.
DESIGN	DM	22 April 2013	SCALE AS SHOWN
GIS	DS	07 June 2013	REV. 1
			FIGURE: 1