

NWB Annual Report

Year being reported:

2016

License No: 2BE-STO1520

Issued Date: June 2, 2015

Expiry Date: June 1, 2020

Project Name: Aston Bay Project

Licensee: Aston Bay Holdings Ltd.

Mailing Address: 303-80 Richmond St. W
Toronto, ON M5H 2A4

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

APEX Geoscience Ltd. - Approved Consultant working on the Aston Bay Project for Aston Bay Holdings Ltd.

General Background Information on the Project (*optional):

The 2016 Aston Bay Property exploration program comprised diamond drilling, borehole geophysical surveys, historical drill core logging, prospecting, soil geochemical sampling and mineral claim staking. All exploration activities were helicopter supported and based out of a seasonal exploration camp known as Storm Camp, located along the Aston River at approximately 73°39'23" N latitude and 94°27'07" W longitude. The program was completed between June 20 and August 20, 2016, including mobilization and demobilization of camp.

Licence Requirements: the licensee must provide the following information in accordance with

Part B

Item 2

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Aston River	
Water Quantity:	2 m3 /day	Quantity Allowable Domestic (cu.m)
	1.45 m3/day (average) = 66.72 m3	Actual Quantity Used Domestic (cu.m)
	80 m3 /day	Quantity Allowable Drilling (cu.m)
	30 m3 /day (average) = 1200 m3	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

☐ Solid Waste Disposal

☒ Solid Waste Disposal

☒ Sewage

☒ Drill Waste

☒ Greywater

☐ Hazardous

☐ Other:

Additional Details:

Camp water was drawn from the Aston River for cooking and cleaning. Drinking water was flown in from Resolute Bay in 5 gallon jugs. A total of 66.72 m³ of water was drawn from the Aston River for camp use between July 1 and August 15, 2016, averaging 1.45 m³ per day. During this time, running water, laundry and showers were available in camp. Water was drawn from the river using a 5.5 HP gas powered trash pump. The pump intake hose was equipped with a screen to ensure fish were not entrained. Water was pumped to camp through standard red drill hose. No fuel was stored at the pump site. Water volumes were measured using markings on the water storage tanks at 25 gallon increments. The pumped volumes were recorded in a log daily by the camp foreman (see attached log).

Prior to July 1 and after August 15 (during mob/demob), the camp water tanks were empty and the water jugs were used for all camp purposes. No showers or running water was available during mob/demob.

Grey water from the kitchen and each dry was piped to excavated sumps behind the buildings and over 100 m from the nearest water body. A grease trap was used for the kitchen sump. The trap was emptied as needed and the contents were sealed in 5 gal pails and removed from site for disposal. No leaks or overflows were observed in any of the sumps.

All combustible wastes and sewage (pacto bags) were incinerated on site using a batch feed dual-chamber controlled air incinerator. Any residual waste (ash) was sealed in 205L drums and backhauled to Resolute Bay for proper disposal. All non-combustible and hazardous wastes were sealed in appropriate containers and backhauled to Resolute Bay for proper disposal.

Drill water was drawn from the Aston River or its tributaries. A total of approximately 1200 m³ was used for drilling between July 6 and August 14, 2016, averaging 30 m³ per day. Water was drawn using a 2 stage pump system. An electric trash pump equipped with a mesh-screened intake hose was located adjacent to the water sources. The trash pump was used to move water to a diesel supply pump located away from the water body. The diesel pump provided the necessary pressure to supply water to the drill.

A recirculation system was used to minimize the amount of water used and cuttings deposited on the land around drill sites. All drill cuttings collected were deposited in natural sumps. Any drill casings that could not be removed were cut

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: N/A (as reported to the Spill Hot-line)
 Date of Spill: N/A
 Date of Notification to an Inspector: N/A

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

Revisions to the Spill Contingency Plan

Other: (see additional details)



Additional Details:

Updated Spill Prevention and Response Plan submitted to the NWB on September 16, 2016

Revisions to the Abandonment and Restoration Plan

Other: (see additional details)



Additional Details:

Updated Abandonment and Restoration Plan submitted to the NWB on September 16, 2016

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Progressive reclamation included keeping work areas clean and removing wastes from site regularly. All work sites and the camp site were inspected and cleaned prior to the close of the field program.

During the 2016 program, the fuel cache, empty drums and most other materials were removed from the old Aston Camp, located at approximately 73°42'30" N latitude and 94°43'15" W longitude. The site was cleaned and the fuel cache area was inspected for any hydrocarbon contamination. No contamination was noted. A single wooden storage shack remains at Aston Camp (details are included in the updated Abandonment and Restoration Plan).

Results of the Monitoring Program Including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Details described below



Additional Details:

See attached "GPS Coordinates" sheet

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Details described below



Additional Details:

See attached "GPS Coordinates" sheet

Results of any additional sampling and/or analysis that was requested by an Inspector

Additional Details: (date of request, analysis of results, data attached, etc)

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

Additional Details: (Attached or provided below)

Any responses or follow-up actions on inspection/compliance reports

Additional Details: (Dates of Report, Follow-up by the Licensee)

Report received July 26, 2016. No instances of non-compliance were noted.

On recommendation of the inspector, all fittings on fuel lines in camp were wrapped in absorbent matting to mitigate potential fuel leakage. Secondary containment was used for all fuel transfer and rain drains were used on most fuel caches (all large berms). The current fuel cache is equipped with a cover and rain drain. The fuel cache, empty drums and most other materials from the old Aston Camp site were removed. A single wooden storage shack remains on site (details are included in the updated Abandonment and Restoration Plan).

The inspector requested that all historical drill collars with casings extending above the surface be cut down and sealed. Due to time and budget constraints this was not possible during the 2016 program. Dealing with the historical collars will be made a priority in 2017. No artesian flow was noted at any of the collars.

Any additional comments or information for the Board to consider

Drain” hydrocarbon filter. Propane cylinders were placed on tent floors and secured. All fuel is located a minimum of 31 metres from the normal high water mark of any water body.

All empty fuel drums and waste fuel drums were backhauled to Resolute Bay, NU on an ongoing basis, for cleaning and storage/disposal.

Additional details regarding the 2016 exploration program are available in the 2016 INAC Land Use Annual Report.

Date Submitted:

September 30, 2016

Submitted/Prepared by:

Christopher Livingstone

Contact Information:**Tel:** 604-696-9628**Fax:** 780-467-4025**email:** clivingstone@apexgeoscience.com