

NWB Annual Report

Year being reported: 2007 ▼

License No: 2BE-RB0608

Issued Date: May 23, 2006

Expiry Date: August 31, 2008

Project Name:

Roche Bay

Licensee:

Advanced Explorations Inc./Roche Bay plc

Mailing Address:

50 Richmond Street East, Suite 300
Toronto, Ontario M5C 1N7

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

General Background Information on the Project(*optional):

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): Water obtained with a pump and hose from locations provided.
Water Quantity:

See 'GPS Coordinates' sheet

5/day	Quantity Allowable Domestic (cu.m)
5/day	Actual Quantity Used Domestic (cu.m)
195/day	Quantity Allowable Drilling (cu.m)
163.728/day	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☒ Solid Waste Disposal
☒ Sewage
☒ Drill Waste
☒ Greywater
☐ Hazardous
☐ Other:

Additional Details:

Solid waste: was taken to Churchill, MB on return sealift voyage
 Sewage: incinerated, ashes stored in barrels and taken to Churchill, MB
 Drill waste: run into a sump; Hardy pumps direct muds and waste to a rocky area sump
 Greywater: run into a sump; see attached photos of setup

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

Spill No.: 1 (as reported to the Spill Hotline)
Date of Spill: October 9th, 2007

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

During a drill relocation with the helicopter a fuel drum that was a third to a half way full fell from a height of 6-8 feet onto snow around 6-8 inches deep on top of a frozen lake. The spill was reported to the hotline and procedures outlined in the Oil and Hazardous Materials Spill Plan followed. The snow was shovelled into bags which were placed in a bin to settle immediately after the spill. The site was inspected after clean up and no trace of the spill remained.

Revisions to the Spill Contingency Plan

Other: (see additional details) ▼

Additional Details:

Updates done according to input from Environment Canada and GN Environment in September 2007. Revised edition attached.

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed ▼

Additional Details:

Progressive Reclamation Work Undertaken

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

Clean up of the old Borealis site located at our old camp site has been completed.

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;

Not Applicable (N/A)



Additional Details:

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

Not Applicable (N/A)



Additional Details:

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

No additional sampling requested by an Inspector or the Board



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.

No additional sampling requested by an Inspector or the Board



Additional Details: (Attached or provided below)

Any responses or follow-up actions on inspection/compliance report:

Inspection Report received by the Licensee (Date):



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

Inspection on July 15, 2007. Report received December 12, 2007. See attached letter of response.

Any additional comments or information for the Board to consider

Date Submitted:

Submitted/Prepared by:

Contact Information:

February 14, 2008

Candace Ramcharan

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GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Drill Source 1	68	24	36.11	82	49	57.88
Drill Source 2	68	24	54.86	82	49	6.3
Drill Source 3	68	25	26.46	82	48	4.96
Drill Source 4	68	25	37.35	82	48	5.15
Drill Source 5	68	25	46.45	82	47	24.51
Drill Source 6	68	25	50.99	82	46	41.49
Drill Source 7	68	25	49.56	82	47	10.97
Drill Source 8	68	26	4.12	82	47	3.04
Camp Source	68	25	31.6	82	46	55.2

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Sump 1	68	26	11.45	82	46	2.95
Sump 2	68	26	7.28	82	46	45.1
Sump 3	68	26	1.38	82	46	24.89
Sump 4	68	25	57.31	82	47	7.52
Sump 5	68	25	54.83	82	46	58.99
Sump 6	68	25	51.32	82	46	46.77
Sump 7	68	25	47.23	82	47	29.49
Sump 8	68	25	45.14	82	47	22.29
Sump 9	68	25	41.2	82	47	8.75
Sump 10	68	25	40.12	82	47	33.33
Sump 11	68	25	37.11	82	47	51.14
Sump 12	68	25	35.09	82	47	44.47
Sump 13	68	25	31.09	82	47	30.67
Sump 14	68	25	27.04	82	48	13.13
Sump 15	68	25	23	82	47	59.46
Sump 16	68	25	18.96	82	47	45.79
Sump 17	68	25	15.05	82	47	32.02
Sump 18	68	25	18	82	48	10.68
Sump 19	68	25	16.98	82	48	35.13
Sump 20	68	25	12.91	82	48	21.44
Sump 21	68	25	6.97	82	48	0.83
Sump 22	68	25	2.86	82	47	47.06
Sump 23	68	25	7.92	82	48	32.51
Sump 24	68	25	4.9	82	48	50.22
Sump 25	68	25	0.82	82	48	36.42
Sump 26	68	24	54.83	82	48	15.79
Sump 27	68	24	54.74	82	49	12.14
Sump 28	68	24	50.78	82	48	58.45
Sump 29	68	24	46.75	82	48	44.56

Sump 30	68	24	49.86	82	49	23.19
Sump 31	68	24	44.71	82	49	34.07
Sump 32	68	24	40.67	82	49	20.37
Sump 33	68	24	34.69	82	48	59.74
Sump 34	68	24	39.77	82	49	45.24
Sump 35	68	24	36.63	82	50	2.77
Sump 36	68	24	30.64	82	49	42.23
Sump 37	68	24	33.74	82	50	20.86
Sump 38	68	24	29.68	82	50	7.28
Sump 39	68	25	40.4	82	47	9.4