

ANNUAL REPORT:
2BE-HRP1924
Hood River Gold Project

Kitikmeot Region, Nunavut

April 2020



INTRODUCTION

The purpose of this document is to fulfill annual reporting requirements under Part B Item 1 of 2BE-HRP1924. The following sections correspond to the paragraphs in the licence. The Nunavut Water Board (NWB) Annual Report Standard Form can be found in the appendices along with supporting information where required.

1) THE LICENSEE SHALL FILE AN ANNUAL REPORT ON THE APPURTENANT UNDERTAKING WITH THE BOARD NO LATER THAN MARCH 31ST OF THE YEAR FOLLOWING THE CALENDAR YEAR BEING REPORTED, CONTAINING THE FOLLOWING INFORMATION

On March 30, 2020, the NWB advised parties that it was extending the submission deadline for all water licence 2019 annual reports to May 30, 2020, given the situation with COVID 19 pandemic. Accordingly, this report was submitted in April 2020.

a) A SUMMARY REPORT OF WATER USE AND WASTE DISPOSAL ACTIVITIES

A summary report of water use and waste activities can be found in the NWB Annual Report Standard Form (Appendix A).

b) QUANTITY OF WATER (IN CUBIC METRES/DAY) OBTAINED FOR DOMESTIC AND OTHER PURPOSES FROM SOURCES ON, IN OR FLOWING THROUGH INUIT-OWNED LANDS FOR THE REPORTING PERIOD

All water used was on, in or flowing through Inuit Owned Land. A tabulation of water used is provided in Appendix B.

c) QUANTITY OF WATER (IN CUBIC METRES/DAY) OBTAINED FOR DOMESTIC AND OTHER PURPOSES FROM SOURCES ON, IN OR FLOWING THROUGH CROWN LANDS REPORTING PERIOD

No water flowing in, on or through Crown land was used.

d) QUANTITY OF WASTE DISPOSED OF IN ON-SITE WASTE DISPOSAL FACILITY

Onsite waste disposal facilities include the following:

- Camp sump;
- Core saw sump;
- Incinerator;
- Drill cuttings sumps.

Quantities of waste deposited in each is summarized in Appendix C.

e) QUANTITY OF WASTE BACKHAULED TO APPROVED FACILITY FOR DISPOSAL

A small amount of waste was backhauled to Yellowknife. Non-combustible non-hazardous waste was disposed of at the Yellowknife landfill. Quantities were not tracked and so are not reported here. Non-combustible non-hazardous waste quantities backhauled will be tracked and reported in the future.

f) A LIST OF UNAUTHORIZED DISCHARGES AND A SUMMARY OF FOLLOW-UP ACTIONS TAKEN

There were no unauthorized discharges in 2019.

g) ANY REVISIONS TO THE MANAGEMENT PLANS, AS REQUIRED BY PART B, ITEM 7, SUBMITTED IN THE FORM OF AN ADDENDUM

There are no revisions to the management plans.

h) A DESCRIPTION OF ALL PROGRESSIVE AND OR FINAL RECLAMATION WORK UNDERTAKEN, INCLUDING PHOTOGRAPHIC RECORDS OF SITE CONDITIONS BEFORE, DURING AND AFTER COMPLETION OF OPERATIONS

Drill stems were cut off at surface, and drill holes and related disturbed areas were returned to natural conditions immediately following completion of drilling.

i) REPORT ALL ARTESIAN FLOW OCCURRENCES AS REQUIRED UNDER PART F, ITEM 3

No artesian flows were encountered.

j) A SUMMARY OF ALL INFORMATION REQUESTED AND RESULTS OF THE MONITORING PROGRAM

The Monitoring Program requires reporting of information tabulated in Table 1. Table 1 identifies where this information can be found herein.

Table 1. Location of Monitoring Program Results

Paragraph	Item	Location of Monitoring Results
1	Daily quantities of water that is used from sources located on, in or flowing through Crown Land, utilized for camp, drilling and other purposes	No water flowing in, on or through Crown land was used. Water used for camp and drilling is provided in Appendix B
2	GPS co-ordinates of all locations where sources of Water are utilized for all purposes	Appendix A
3	GPS co-ordinates of all locations where Wastes associated with camp operations and drilling operations are deposited.	Appendix A
4	Representative samples of the water column below any on ice drilling	No under-ice drilling was undertaken.
5	Sampling at HRP-1, being prior to discharge from secondary containment.	Appendix D

k) DETAILS PERTAINING TO LOCATIONS OF SUMP(S) AND DRILL HOLES

There were 5 drill set ups and eleven holes drilled. Drill hole locations are listed in Appendix E. Cuttings sump locations are listed in Appendix A.

l) GPS CO-ORDINATES (IN DEGREES, MINUTES AND SECONDS OF LATITUDE AND LONGITUDE) FOR THE LOCATIONS OF ALL TEMPORARY CAMPS ESTABLISHED IN SUPPORT OF THE PROJECT IF THE ACTUAL COORDINATES DIFFER FROM THAT PROVIDED IN THE APPLICATION

The Hood River Camp was established at Lat 66°57'26.7 Long 111°04'10.7".

m) A SUMMARY, INCLUDING PHOTOGRAPHIC RECORDS BEFORE, DURING AND AFTER ANY RELEVANT CONSTRUCTION ACTIVITIES OR MODIFICATIONS AND/OR MAJOR MAINTENANCE WORK CARRIED OUT ON FACILITIES UNDER THIS LICENCE AND AN OUTLINE OF ANY WORK ANTICIPATED FOR THE NEXT YEAR

A photo log of the camp site before and after construction is provided in Appendix F.

n) DETAILED DISCUSSION ON THE PERFORMANCE, INSTALLATION, AND EVALUATION, INCLUDING THE USE OF PHOTOGRAPHIC RECORD, OF THE PRIMARY AND SECONDARY CONTAINMENT FUNCTIONS USED IN FUEL STORAGE TO SAFEGUARD IMPACTS TO FRESHWATERS

A fuel cache was established at the Hood River Camp, which involved installation of a new arctic grade berm fitted with a Rain Drain™ to store drummed fuel and fuel dispensing equipment. Fuel in use was either in drums within secondary containment such as those found at the tents and incinerator, or in a tidy tank such as that found at the drills. Photos are provided in Appendix F.

o) A SUMMARY OF PUBLIC CONSULTATION/PARTICIPATION, DESCRIBING CONSULTATION WITH LOCAL ORGANIZATIONS AND RESIDENTS OF THE NEARBY COMMUNITIES, IF ANY WERE CONDUCTED

Public meetings were held in Kugluktuk and Cambridge Bay in 2019, the results of which are summarized in Table 6. In addition to formal public meetings, Blue Star personnel travelled to Kugluktuk and Cambridge Bay five times and each time met informally with residents, business owners, land users and potential workers. Blue Star met with the Burnside and Omingmak Hunters and Trappers Associations in Cambridge Bay twice and the Kugluktuk Agoniatit Association three times.

Additional scheduled public meetings have been postponed due to a public health emergency restricting travel and will be undertaken at the earliest suitable opportunity. Informal engagements were undertaken at every opportunity when Blue Star was in the Kitikmeot communities throughout the summer and fall of 2019 and winter of 2020.

Table 2. Summary of 2019 community consultations, Hood River Gold Project

Date	Location	Venue	Purpose	# of attendees	Outcomes ¹
March 20, am	Kugluktuk	Visitor's Centre Boardroom	Introduce project, company, outline plan for the Hood River Gold Project, seek to understand related issues and interests of community members		Company information, site access, Ulu reclamation, drilling waste and how it is handled, reliance on Grays Bay Road, future plans, reclamation security.
March 20, am	Kugluktuk	Visitor's Centre Boardroom			Worker safety, employment and training, keeping the lands clean, company information, site access, camp location, water use, drilling and drill waste management, types and duration of jobs, bear monitoring/deterrence, camp waste management, core splitting
March 21, pm	Cambridge Bay	KIA Boardroom		0	Scheduling conflict with community festivities.
March 22, am	Cambridge Bay	KIA Boardroom		1	
					Discussed establishment of an elders advisory committee.

p) ANY OTHER DETAILS ON WATER USE OR WASTE DISPOSAL REQUESTED BY THE BOARD BY THE 1ST NOVEMBER OF THE YEAR BEING REPORTED.

None requested.

¹ Discussion topics based on questions from the public.

APPENDIX A. NWB ANNUAL REPORT STANDARD FORM

NWB Annual Report

Year being reported:

Select ▼

2019

License No: 2BE-HRP1924 Issued Date: July 15, 2019
Expiry Date: July 14, 2024

Project Name: Hood River Gold Project

Licensee: Inukshuk Exploration Inc.

Mailing Address: 1125-595 Howe St.
Vancouver, BC
V6C 2T5

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

Blue Star Gold Corp.
Inukshuk Exploration Inc. is a wholly owned subsidiary of Blue Star Gold Corp.

General Background Information on the Project (*optional):

Following a name change from WPC Resources Inc. and an amendment to the water licence, Blue Star/Inukshuk established a camp and undertook its maiden drill program at Hood River in the summer of 2019.

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

Part B ▼ Item 1 ▼

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):	Camp Lake (domestic), Lake 1 (drilling), Lake 2 (drilling)	
Water Quantity:	60 m3/day	Quantity Allowable Domestic (cu.m)
	71 m3 total	Actual Quantity Used Domestic (cu.m)
	90 m3/day	Quantity Allowable Drilling (cu.m)
	1275 m3 total	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

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

Additional Details:

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

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Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

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

No spills reported

Revisions to the Spill Contingency Plan

N/A - not applicable



Additional Details:

Revisions to the Abandonment and Restoration Plan

N/A - not applicable



Additional Details:

Progressive Reclamation Work Undertaken

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

N/A

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 attached



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;

Details attached



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)

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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)

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

No inspection and/or compliance report issued by INAC



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

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Any additional comments or information for the Board to consider

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Date Submitted:

April 20, 2020

Submitted/Prepared by:

Sharleen Hamm

Contact Information:

Tel: 604-996-1110

Fax:

email: sharleen@sharleenhamm.com

GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	Deg °	Min ,	Sec "	Deg °	Min ,	Sec "
Camp Lake (domestic)	66	57	3.24	111	4	11.96
Lake 1 (drilling)	66	56	48.12	110	59	15.72
Lake 2 (drilling)	66	56	47.4	110	59	9.24

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	Deg °	Min ,	Sec "	Deg °	Min ,	Sec "
Camp sump	66	57	32.04	111	4	11.28
Core saw sump	66	57	35.64	111	4	12.36
Incinerator	66	57	27.36	111	4	10.56

APPENDIX B. DAILY WATER USE, INUIT OWNED LAND

Date, (2019)	Water Use (m ³ /day)			Total (m ³ /day)
	Camp	Core Saw	Drill	
28-Aug	0.6			0.6
29-Aug	0.6			0.6
30-Aug	0.7			0.7
31-Aug	0.7			0.7
01-Sep	0.7			0.7
02-Sep	0.7			0.7
03-Sep	1.2			1.2
04-Sep	1.1		43.2	44.3
05-Sep	1.4		52.3	53.8
06-Sep	1.4	1.2	46.7	49.3
07-Sep	1.4	0.9	42.7	45.0
08-Sep	1.7	0.6	61.7	64.0
09-Sep	2.4	0.6	66.7	69.7
10-Sep	2.4		53.6	55.9
11-Sep	1.8	0.9	73.0	75.7
12-Sep	1.5	1.0	71.5	73.9
13-Sep	1.8		43.0	44.8
14-Sep	1.4	0.9	69.5	71.8
15-Sep	2.0	1.0	63.4	66.4
16-Sep	1.7	0.9	70.6	73.2
17-Sep	1.4	1.0	71.5	73.8
18-Sep	1.6	0.3	29.6	31.5
19-Sep	1.4	0.9	44.0	46.2
20-Sep	1.3	0.9	71.2	73.5
21-Sep	1.3	0.6	48.4	50.4
22-Sep	1.2	0.0	69.1	70.4
23-Sep	2.5	0.9	65.4	68.7
24-Sep	1.6	0.9	0.0	2.5
25-Sep	1.9	1.0	38.4	41.3
26-Sep	1.0	0.9	75.2	77.1
27-Sep	1.3	0.0	4.1	5.4
28-Sep	1.8	0.9		2.7
29-Sep	1.6	0.9		2.5
30-Sep	1.8	0.6		2.5
01-Oct	2.4			2.4
02-Oct	1.8			1.8
03-Oct	0.4			0.4
04-Oct	0.6			0.6
05-Oct	0.3			0.3
Total	54.5	17.8	1274.7	

APPENDIX C. QUANTITIES OF WASTE DEPOSITED

Item	Waste	Amount
Camp sump	Greywater	40 m ³
Core saw sump	Water and cuttings	17 m ³
Incinerator	Solid domestic waste	1,560 kg
Cuttings sump at DH HR-19-002, -003	Water and cuttings	Various
Cuttings sump at DH HR-19-004, -005		
Cuttings sump at DH HR-19-006		
Cuttings sump at DH HR-19-008, -009, -010		
Cuttings sump at DH HR-19-011		

APPENDIX D. MONITORING PROGRAM RESULTS

Station Name	Description	Location						Volume	Maximum Concentration of any Grab Sample (µg/L), licence criteria					
		Latitude			Longitude				pH	Oil & Grease	Lead	Benzene	Toluene	Ethylbenzene
		Deg	Min	Sec	Deg	Min	Sec	m³						
		°	'	″	°	'	″	6.5 to 9 (pH units)						
HRP-1	Discharge from secondary containment, Hood River camp main fuel cache	66	57	25	111	4	17	<1	Not measured. Discharged to tundra through Rain Drain™ hydrocarbon filter					

APPENDIX E. DRILL HOLE LOCATIONS

Drill Hole	Latitude			Longitude		
	Deg	Min	Sec	Deg	Min	Sec
	°	'	"	°	'	"
HR-19-001	66	56	54.24	110	59	20.04
HR-19-002	66	56	56.4	110	59	1.68
HR-19-003	66	56	56.4	110	59	1.68
HR-19-004	66	56	55.68	110	59	0.24
HR-19-005	66	56	55.68	110	59	0.24
HR-19-006	66	56	54.24	110	59	8.52
HR-19-007	66	56	54.24	110	59	8.52
HR-19-008	66	56	55.32	110	59	5.28
HR-19-009	66	56	55.32	110	59	5.28
HR-19-010	66	56	55.32	110	59	5.28
HR-19-011	66	56	47.04	110	59	2.04

APPENDIX F. PHOTOS



Photo 1. Hood River camp area prior to construction



Photo 2. Hood River camp with bear fence and fuel cache



Photo 3. Hood River camp, winterized



Photo 4. Drill



Photo 5. Kitchen sump



Photo 6. Core saw sump



Photo 7. Fuel and containment at tent



Photo 8. Core cutting area



Photo 9. Incinerator