

#950 - 505 Burrard Street Box 72, One Bentall Centre Vancouver, B.C V7X 1M4

Tel: (604) 608-2557 Fax: (604) 608-2559 E-Mail: info@cumberlandresources.com Website: www.cumberlandresources.com

February 28, 2006

Nunavut Water Board P.O. Box 119 Gjoa Haven, NU X0B 1J0

Attention: Philippe di Pizzo Executive Director

Re: 2005 Annual Report for Water Use and Waste Disposal License No. NWB2MEA0507

Dear Mr. di Pizzo:

Please find enclosed with this letter Cumberland Resources Ltd.'s 2005 Annual Report as required under the terms and conditions of Cumberland Resources Ltd.'s Water Use and Waste Disposal License (License No. NWB2MEA0507) for the Meadowbank Project, located 70 km north of Baker Lake.

The report covers 2005 exploration activities at the Meadowbank site. Included with this letter is a copy of the 2005 Annual Report form, a short write up providing supplemental information for 2005 and additional information and photographs of the site as requested in a letter from the NWB dated October 20, 2005. A copy of the requested Hydrometric monitoring report from AMEC is also included with this documentation.

Please do not hesitate to contact me if any further information is required.

Sincerely,

CUMBERLAND RESOURCES LTD.

Roger March, P. Geo. Senior Project Geologist

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Board MAR 0 9 2006 Public Registry

Nunavut Water

NWB Annua	al Report	Year being reported: 2005 ▼	
License No:	NWB2MEA0507	Issued Date: April 21, 2005	
		Expiry Date: October 31, 2007	
	Project Name:	Meadowbank Gold Project	
	Licensee: Cumb	perland Resources Ltd.	
	Mailing Address:	950 - 505 Burrard Street Vancouver, B.C. V7X 1M4	
		filing Annual Report (if different from Name of Licensee please clarify ne two entities, if applicable):	
General Bac	kground Informatio	n on the Project (*optional):	
Licence Req	uirements: the licer	see must provide the following information in accodance with	
	Part B	ttem 2 ▼	
A summary i obtaining wa management	report of water use iter; sewage and gra	and waste disposal activities, including, but not limited to: methods of eywater management; drill waste management; solid and hazardous waste	
	Water Source(s):	Third Portage and Second Portage Lakes, as well as an unnamed	※
	Water Quantity:	15 cu.m./day Quantity Allowable Domestic (cu.m) 4.5 cu.m./day Actual Quantity Used Domestic (cu.m) 50 cu.m./day/drill Quantity Allowable Drilling (cu.m) Total Quantity Used Drilling (cu.m)	
	Waste Management Solid Waste Disp Sewage Drill Waste Greywater Hazardous Other:		
	Additional Details:		
	drilling, focused on G and PDF areas (12 h sampling was comple nitiated to the north o NWB for water licens		
1	Mater is used for hoth	domestic and industrial nurnoses at the site. Domestic uses include:	

Water is used for both domestic and industrial purposes at the site. Domestic uses include water required for cooking, cleaning, showers, etc. and averages 4.5 cu.m. per day sourced from Third Portage Lake (Note: A flow meter which will measure the actual volume of domestic water used has been purchased and will be installed for use in 2006). The water required for drilling is currently the only industrial water use at the site. Drilling utilizes approximately 27.5 cu.m. per day per drill unit. Water required for drilling is sourced from lakes proximal to drill sites. All intake hoses have screens installed to prevent the entrapment of fish. (See attached supplemental information for more detail of water use at the site)

All solid waste, along with combustible garbage, is burned in diesel-fired incinerators on site and all residue from incineration and non-combustible refuse is sent to the land fill in Baker Lake for disposal. Grey water from camp operations (domestic uses) is deposited in a natural depression near the kitchen building. Drill water (for lake holes) is returned to the lake, after the removal of drill cuttings in a settling barrel, or is deposited in a natural depression on land.

A list of un:	authorized disc	charges and a sum	mary of fo	llow-up act	ions taken			
	Spill No.:	none	(as report	ed to the Sp	ill Hot-line)	in terminal equivals had also the art should be desired and the second of the second o		
	Date of Spill:							
		cation to an Inspecto						
	Additional De	tails: (impacts to water,	mitigation me	asures, short/lo	ong term monite	oring, etc)		~
		William Control of the Control of th	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			············	
Revisions t	o the Spill Con	itingency Plan						
	SCP submitted ar	nd approved - no revision	required or	proposed	anterior a decomposition of the contraction of the		_	ALCONOLIS ACCIONAL ACCIONAL ACCIONAL
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	Additional Det							n
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	or rait ii, iten	i i oi vvatei License	INVOZIVIE	MUQUI				
	<u> </u>							,
Revisions to	the Abandon	ment and Restorati	on Plan					
	AR plan submitte	ed and approved - no revis	sion required	or proposed			~	***********
	Additional Det	inile:		······································		,,-,,	·	
		idonment and Restor	ation Plan	was submit	ted to NIMR	on lune 30	2005.20	1
		of Part I, Item 1 of V				on dune 30,	2005 as	
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Progressive		Work Undertaken						
		ails (i.e., work compl						i
	See attached	supplemental inform	ation for d	etails of reci	amation woi	rk completed	i	
	Marijenovana							
Results of th	ie Monitoring I	Program including:						
							and the second s	are a a a a a a a a a a a a a a a a a a
	The GPS Co-c	ordinates (in degree	es, minute	s and seco	nds of latiti	ude and Ion	gitude) o	f each
		e sources of water	are utilize	ed;				
	Details described	below					▼	

	Details described below	
	Additional Details:	
	Camp (domestic) use: 65deg 01min 15sec N / 96deg 04min 45sec W PDF Drilling: 65deg 08min 55sec N / 96deg 06min 00sec W	
	Goose Island Drilling: 65deg 00min 20sec N / 96deg 03min 30sec W	distribution of the second
	Goose South Drilling: 64deg 59min 52sec N / 96deg 03min 57sec W	
	North Portage Drilling: 65deg 01min 46sec N / 96deg 03min 08sec W	
	The GPS Co-ordinates (in degrees, minutes and seconds of latitude and lo location where wastes associated with the licence are deposited;	ngitude) of each
	Details described below	▼
	Additional Details:	
	Sump for the deposition of greywater: 65deg 01min 30sec N / 96deg 04min 45s	ec
	Results of any additional sampling and/or analysis that was requested by a	in Inspector
	No additional sampling requested by an Inspector or the Board	
	Additional Details: (date of request, analysis of results, data attached, etc)	
	Water samples were collected by KIA and INAC personnel during 2005, however	,
	Cumberland has not received the results of any of the analyses to date.	
	######################################	
Any other a reported.	etails on water use or waste disposal requested by the Board by November 1	of the year being
***************	Select	•
	Additional Details: (Attached or provided below)	
	Addition information as requested to supplement the 2004 annual report is attach also includes some photos of the site.	ed. This
Anv respons	ses or follow-up actions on inspection/compliance reports	
### \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Inspection Report received by the Licensee (Date):	▼
	Additional Details: (Dates of Report, Follow-up by the Licensee)	
	Report received on August 24, 2005. The inspector requested that secondary con	tainment
	systems be established for fuel drums used to fuel individual tent stoves. Pans for	this
	purposed will be installed under fuel drums for 2006. Secondary containment pans	s will
:	also be installed to contain any possible spillage from camlocks while disconnectir supply pump from the large tanks.	ng the
	cappy pump nom the large tanks.	
Any addition	al comments or information for the Board to consider	
		Lamman Appar
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NWB2(insert)

Date Submitted: Submitted/Prepared by:	Februa Roger I	ry 28, 2006 March	
Contact Information:			
	Fax:	604-608-2559	
	email:	rmarch@cumberlandresources.com	

2005 Activities - Supplemental Information for NWB Year-end Report

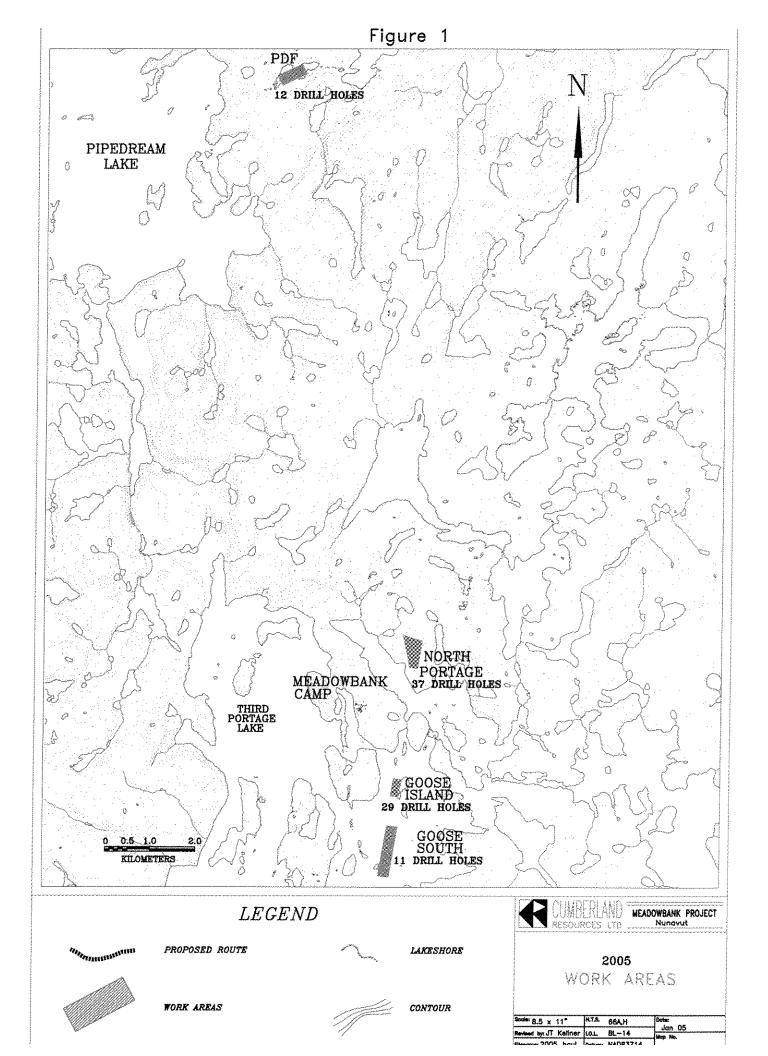
The following information is provided to supplement the year-end report form for 2005 activities at Cumberland Resources Ltd.'s Meadowbank Project as required under Part B, item 2 of the terms and conditions of NWB Water Use and Waste Disposal License NWB2MEA0507.

i. Water is used for both domestic and industrial purposes at the site. Domestic uses include: water required for cooking, cleaning, showers, etc. and averages 4.5 m³ per day sourced from Third Portage Lake (See item ix below for further information on the calculation of this amount). A water flow meter, which will measure the volume of domestic water used, has been purchased and will be installed for use in 2006. This will provide a quantitative measurement of the volumes of raw water pumped from the source. The camp facilities were in operation for approximately seven months during 2005, which would equate to a total of approximately 945 m³ of raw water used at the site for domestic purposes during the year.

The water required for drilling operations is currently the only industrial water use at the site. Drilling utilizes approximately 27.5 m³ per day per drill unit. Water required for drilling is sourced from lakes proximal to drill sites. All intake hoses have screens installed to prevent the entrapment of fish. The 2005 drill program was conducted in three phases. The phase I spring program utilized three drill rigs between April 21 and May 24; this equates to 99 drill days @ 27.5 m³ per day, which equals 2,722 m³ of raw water used. The phase II summer program utilized one drill between July 31 and Sept. 8; this equates to 39 drill days @ 27.5 m³ per day, which equals 1,072.5 m³ of water used. The phase III fall program utilized one drill rig between October 3 and October 29; this equates to 26 drill days @ 27.5 m³ per day, which equals 715 m³ of water used. Therefore, the total volume of raw water used in 2005 including both domestic and industrial purposes amounted to 5,455 m³.

The raw water used during the 2005 program was sourced from several different lakes: Second Portage (drilling), Third Portage (drilling and domestic use) and PDF Lakes (drilling). In total, approximately 1,788 m³ of water was sourced from Second Portage Lake, 578 m³ of water from PDF Lake and 3,090 m³ of water from Third Portage Lake.

- ii. All solid waste, along with combustible garbage, is burned in diesel-fired incinerators on site and all residue from incineration and non-combustible refuse is sent to the land fill in Baker Lake for disposal. Grey water from camp operations (domestic uses) is deposited in a natural depression near the kitchen building. A grease trap has been installed in the drain line which removes the majority of the kitchen grease prior to release into the sump. It is estimated that 756 m³ of grey water was deposited in the sump in 2005 (80% of the water intake). Drill water (for lake holes) is returned to the lake, after the removal of drill cuttings in a settling barrel, or is deposited in a natural depression on land.
- iii. The 2005 drill program at the Meadowbank Project consisted of a total of 11,687 metres of diamond drilling in four main target areas: Goose Island, Goose South, North Portage (north of the Portage Deposit) and PDF. The reader is referred to the attached figure 1 for a map showing the location of the areas drilled in 2005. The drilling completed in these areas was broken down as follows: Goose Island area -



- 3,746 metres in 29 holes; Goose South area 2,141 metres in 11 holes; PDF area 1,888 metres in 12 holes; North Portage area 3,912 metres in 37 holes.
- iv. Construction of an airstrip to support exploration activities at the Meadowbank site was initiated in 2005, located approximately 500 m north of the camp. Approximately 750 metres of the strip was completed prior to the end of the field season. The reader is referred to figure 2 for an as-built drawing of the airstrip at the end of the 2005 season. This figure shows the location of intercept ditches, constructed to divert runoff water away from the working area of the airstrip, and collector ditches constructed to channel runoff water from the construction zone into five settling ponds. In addition sediment fences were installed across several of the drainages.

A report detailing the results of 2005 sampling and testing of the materials used in the construction of the airstrip was completed by Golder Associates Ltd. The report entitled "Geochemical Characterization of Meadowbank Airstrip Materials" was submitted to the Nunavut Water Board on January 12, 2006 as required under Part E: section 5 (i) to (v) of Cumberland's Water Use and Waste Disposal License NWB2MEA0507.

- v. No unauthorized discharges occurred in 2005
- vi. Both a revised Spill Contingency Plan, required under Part H, item 1 of NWB2MEA0507, and a revised Abandonment and Restoration Plan, required under Part I, item 1 of NWB2MEA0507, were submitted to the Nunavut Water Board in June 2005.
- vii. Reclamation of the South Camp at Meadowbank continued in 2005. During the spring season, the Driller's shop, all remaining drilling supplies and equipment, the last storage tent and workshop were moved from the south camp and relocated in the north camp. During the summer months remaining scrap wood and other combustible materials were collected and incinerated, while scrap metal and other non-combustible materials were gathered for backhaul overland to Baker Lake in the spring of 2006. At this point, reclamation of the south camp is essentially complete. All that remains at the site is the core shack and drill core stored in the core racks. The core shack will be left intact at the site to facilitate processing of core from the racks, if required, and to provide a refuge station in the event of emergency. The site will be inspected during the summer of 2006, once the snow cover has melted, to make sure that no further reclamation work is required.

Photos of the north and south camps are included below. Photo A shows the condition of the south camp in 2004, and highlights the items which were removed and/or reclaimed during reclamation work in 2005. Photo B provides an aerial shot showing the layout of the north camp from the fall of 2005. A request for photographs detailing the reclamation work at the south camp was received from NWB on October 20, 2005. Unfortunately by that time the ground was snow covered so that no meaningful photographs could be taken. Photographs of the reclamation work completed at the site will be taken during the summer of 2006 and copies will be forwarded to the Water Board.

viii. The Meadowbank camp was inspected by representatives of INAC and the KIA during the summer of 2005. During these visits water samples were collected from the site. To date Cumberland has not received any analyses from these samples. A report on the hydrometric monitoring completed at the Meadowbank site by AMEC in 2004 is enclosed with this document, as per the information request from NWB received on October 20, 2005.

ix. The following covers items of additional information requested by NWB in a letter dated October 20, 2005.

Items for clarification from the 2004 annual report:

1. "Further information pertaining to the progressive reclamation practiced in the relocation of the 50,000 litre bulk diesel storage tanks. The board requests site photographs detailing any reclamation completed."

Unfortunately the request for photographs came too late in the season for pictures to be taken in 2005. Detailed photos of this reclamation work will be taken and forwarded to the NWB in the summer of 2006. During the decommissioning of the south camp, the 50,000 litre tanks were removed from the south camp and then transported to the north camp and re-installed. Each tank was installed on two gravel footings (one at either end of the tank). Timbers (8" x 12") were placed on top of the gravel footings and then the tank was placed on top of the timbers. The tanks are designed with two steel I-beams that run parallel to the long axis of the tank to provide a firm footing; these I-beams rest on the timbers.

The relocation of the tanks was completed during the winter when the tundra was frozen and snow covered. This helped to protect the tundra from damage during the relocation process and allowed the tank to be moved from the island to the north camp, located on the mainland. During relocation, the tank was dragged down off the footings (once emptied of fuel) and transported to the north camp. Once the tank was removed, the two timbers and the gravel from the footings was collected and re-used for the installation at the north camp. This same process was used in the relocation of each of the tanks. The tanks were then installed in the north camp using the same installation methods as were employed at the south camp.

2. "Site photographs with complimentary documentation detailing the water supply facilities, waste disposal facilities and general site."

Water for domestic use at the Meadowbank site is sourced from Third Portage Lake. The site Water Supply Facility consists of a 220 volt lake pump, rated at 3 gal/minute, which pumps water a distance of approximately 125 metres through a 1.5" diameter PVC pipe to a pair of 250 gal holding tanks located in the main kitchen/dry building. Water is then supplied to the kitchen and sinks and showers in the dry through a 220 volt pressure pump located near the holding tanks.

All domestic grey water is collected via drains and heat traced piping (to prevent the water freezing during winter operations) and discharged at the NW corner of the kitchen/dry building. The grey water passes through a heated grease trap constructed from a 45 gallon drum before being discharged approx. 60' away into a

boulder field (natural depression). This discharge location allows for approximately one kilometre of downstream percolation before encountering the lakeshore.

Solid waste (including kitchen and outhouse material) is collected and burned using two diesel-fired incinerators. Remnant ashes and unburned metal and glass are collected and sent to Baker Lake for disposal in the Baker Lake landfill. This reduces the volume of solid waste generated by the camp by 80 to 90%. Unless non-combustible material (scrap metal, etc) can be re-used on-site, it is collected and backhauled to Baker Lake for disposal.

A request for detailed photographs of the site including the water supply and waste disposal facilities was received too late to have the photos taken before the site was covered by snow. Photo C below provides an aerial view of the site which indicates the location of the water intake pump and water line, the grey water discharge line and the location of the incinerators. Detailed photos of the site will be taken during the summer of 2006 and forwarded to the NWB.

3. "Summary and quantitative details of the hydrometric monitoring completed by AMEC in 2004."

A copy of the report entitled "Meadowbank Gold Project Hydrologic Monitoring 2004 Data Report" completed by AMEC Earth and Environmental is included with this submission.

Items that require clarification from previous reporting (from Oct. 20/05 letter):

 "The 2004 annual report shall provide the measured daily and annual cumulative volumes of raw water pumped from source. If this information is available from 2002 and 2003, then it shall be provided in a table in the 2004 annual report."

Camp occupancy during exploration programs averages approximately 30 persons per month. At present the camp is not equipped with a flow meter to measure the amount of water intake. A flow meter has been purchased and will be installed for use at the camp in 2006. The description below provides additional information as to how our estimated water usage is calculated. Fresh water for domestic use at the camp is held in two 250 gal. holding tanks inside the kitchen/dry building. Refilling of these tanks occurs three to four times per day, with the filling occurring from 1/4 full to 3/4 full using an automatic float valve. This indicates that each fill consists of approximately 250 gal of water, giving an average daily use of 750 to 1000 gal per day and a personal volume of up to 33 gal per person. A volume of 1000 gal equals 4546 litres or 4.5 m³ per day, well below the 15 m³ per day as permitted. The usage of 4.5 m³ per day equates to 135 m³ per month, which amounts to roughly 945 m³ of water used over the seven months of operation of the facility, from March through to October (note: there are inactive periods at the site generally occurring in June due to break-up of lake ice, so actual water use over the year may be less). On average, the camp occupancy rate and periods of operation have remained constant over the past few years so that the above estimate of domestic use should be valid for previous years as well.

South Camp Island

 The drill rigs at the site use approximately 27.5 m³ per day during drilling operations. The cumulative estimated water use provided below is based on 27.5 m³ multiplied by the number of drill rigs in operation each day. Table 1 below provides the amounts of estimated daily and cumulative water use at the site for the period of 2002 to 2004.

Table 1: (Estimated Raw Water use)

Year	Season	Daily Volu	ıme (m³)	Cumulative Volume (m ³)		
		Domestic	Drilling	Domestic	Drilling	
2002	Spring	4.5	55	945	3300	
2002	Summer	4.5	55	945	3630	
2003	Spring	4.5	110	945	6655	
2003	Summer	4.5	55	945	2310	
2004	Spring	4.5	110	045	5858	
2004	Summer	4.5	55	945	1320	

2. "The 2004 Annual Report shall, as practically feasible, provide the volumes and location of waste water and solid waste generated."

The estimated daily volume of raw water used for domestic purposes at the site is $4.5~\text{m}^3$ (see calculation in item one above). It appears reasonable to assume that 80% of the water used each day from the sinks and showers is returned to the drains. This equates to approximately $3.6~\text{m}^3$ of grey water deposited in the camp sump each day. The sump is located approximately 50 metres northwest of the kitchen building at 65° 01' 15" N and 96° 04' 45" W.

The camp has an average occupancy of 30 persons per day. Human waste is calculated to be ¾ lb per person per day, this equates to approximately 22.5 lbs of waste generated each day. Other solid waste (i.e. from kitchen, workshop, etc) generated at the camp equals roughly 30 lbs per day, giving an average of 52.5 to 55 lbs of solid waste per day. This solid waste is incinerated, leaving 5 to 10 lbs of ashes and unburned material per day to be disposed of (an 80 to 90% reduction). This is roughly one half of a 12" by 12" by 16" cardboard box, or 0.67 cubic feet of material per day. This residue from incineration is sent to the Baker Lake landfill for disposal.

3. "The 2004 Annual Report shall contain any results from pre-release monitoring or water treatment."

At present water is not treated at the site. Samples of the water from Third Portage Lake have been collected, in close proximity to both the recharge (lake pump) and discharge areas (down slope from camp sump), by representatives of KIA and INAC. No results from this sampling have been received to date.

4. "The 2004 Annual Report shall contain more quantitative information regarding progressive reclamation activities."

Reclamation activities at Meadowbank have focused on clean up and reclamation of the south camp site. At this time reclamation of the site is almost complete. All buildings and sleeper tents have been removed (with the exception of the core shack – see item vii above), along with all drill equipment and fuel storage facilities. Scrap wood and other combustible materials that were not re-useable have been collected and incinerated, while scrap metal and other non-combustible materials have been gathered together for backhaul to Baker Lake during the spring 2006 re-supply over the winter road. Site photos detailing the reclamation completed will be taken during the summer of 2006, once the snow cover has melted, and forwarded to the NWB as per the October 20, 2005 request.