

Appendix 1

Meadowbank Update on Implementation of Commitments

#	Project	Commitment	Timing	Notes	Commitment Status
3	Meadowbank - PC 004	Commit to considering capping Vault pile with fine grain material and/or establish corridors for wildlife	Operations / Closure	Include in Project Certificate, Term and Condition 15	Completed
4	Meadowbank - PC 004	Commit to identifying mitigation measures if groundwater contamination (tailings) has occurred during operation. Include what triggers would be used in this evaluation	Operations	Include in Project Certificate, Term and Condition 20	Completed
5	Meadowbank - PC 004	Commit to assessing permeability of fault upon drawdown of North arm of Second Portage Lake and commit to establishing trigger levels and mitigation strategies	Construction / Operations	Include in Project Certificate, Term and Condition 20	Completed
7	Meadowbank - PC 004	Monitor the accuracy of predictions of the impact of road on wolverine and bears	Operations	Include in Project Certificate, Term and Condition 54 Include in TEMP and Annual Wildlife Monitoring Summary Report	Completed
8	Meadowbank - PC 004	Adaptive road management plan that considers the all wildlife mortality incidents	Construction / Operations	Include in Project Certificate, Term and Condition 54 Include in TEMP and Annual Wildlife Monitoring Summary Report	Completed
12	Meadowbank - PC 004	Participate in socio-economic monitoring programs that will be developed in collaboratively by the RMMC	Underway / Ongoing	Include in Project Certificate, Term and Condition 63	Completed
13	Meadowbank - PC 004	Develop a wellness monitoring plan for Baker Lake and other communities that might be impacted by the project. The geographic scope of wellness monitoring to be defined at that time	Construction / Operations	Include in Project Certificate, Term and Condition 63 Include in Socio-Economic Monitoring Report Section 9	Completed
15	Meadowbank - PC 004	Update of Access and Air Traffic Management Plan to incorporate adaptive management practices	Construction / Operations	Include in Project Certificate, Term and Condition 33	Completed
18	Meadowbank - PC 004	Observe, collect and maintain information on road-use to facilitate monitoring of the nonproject uses of the road	Operations	Include in Project Certificate, Term and Condition 32	Completed
19	Meadowbank - PC 004	Consult with stakeholders and update its reclamation and closure plan with the final design for decommissioning once this information becomes available	Operations	Include in Project Certificate, Term and Condition 78	Completed
21	Meadowbank - PC 004	Track the community of origin of hired Nunavimmiut to direct monitoring and follow-up activities	Operations	Include in Project Certificate, Term and Condition 65	Completed
22	Meadowbank - PC 004	Consider adaptive monitoring and mitigation measures for communities other than Baker Lake should these be substantially affected by the Project	Operations	Include in Project Certificate, Term and Condition 39 and 63	Completed
23	Meadowbank - PC 004	Data collected during normal mine operation will be gathered and reported in a form that is compatible with socio-economic project monitoring	Operations	Include in Project Certificate, Term and Condition 63	Completed
26	Meadowbank - PC 004	Engage local HTO in the development, implementation and reporting of creel surveys within water bodies affected by the project	Operations	Include in Project Certificate, Term and Condition 51	Completed
29	Meadowbank - PC 004	Engage in discussions with representatives of the Canadian Coast Guard to reassess where response and spill kits are presently located within Nunavut , and not put the onus on TC for placing community spill kits in the Hamlets of Chesterfield Inlet and Baker Lake	Operations	Include in Oil Pollution and Prevention Plan	Completed - Ongoing
30	Meadowbank - PC 004	Identification of the proper Transport Canada branches and other federal government departmental responsibilities will be specified where appropriate	Operations	Included in Management Plans, where needed	Completed - Ongoing
31	Meadowbank - PC 004	Monitoring of caribou within the study area be completed on a monthly basis once all-weather road is completed	Operations	Include in Project Certificate, Term and Condition 54 Include in TEMP and Annual Wildlife Monitoring Summary Report	Completed
33	Meadowbank - PC 004	Only a Transport Canada Certified Shipper will be hired to carry Cumberland's supplies	Construction / Operations	Include in Project Certificate, Term and Condition 37	Completed
34	Meadowbank - PC 004	The shipping company will have spill equipment on board with crew trained to deploy the equipment	Construction	Include in Project Certificate, Term and Condition 37	Completed
35	Meadowbank - PC 004	The Coast Guard will be notified as soon as a spill has occurred and, if required, will provide further spill support	Construction / Operations	Include in Oil Pollution and Prevention Plan	Completed - Ongoing
37	Meadowbank - PC 004	Cumberland will place a local monitor from Chesterfield Inlet on ships carrying fuel for the Meadowbank project	Construction / Operations	Include in Project Certificate, Term and Condition 36	Completed

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38	Meadowbank - PC 004	Cumberland will request that the shipping company contracted to carry fuel for the project carry out practice drills deploying their spill equipment in various locations within the inlet	Construction / Operations	Include in Project Certificate, Term and Condition 37	Completed
40	Meadowbank - PC 004	In addition to the local monitor, captains will follow the following mitigation procedures in the event that marine mammals are in the vicinity of the shipping activities – Construction / Operations: i) Wildlife will be given right of way. ii) Ships will maintain a straight course, constant speed, and will avoid erratic behaviour. iii) When marine mammals appear to be trapped or disturbed by barge/ship movements, the barge/ship will stop until the mammals have moved away from the area.	Construction / Operations	Include in Project Certificate, Term and Condition 41	Completed
41	Meadowbank - PC 004	Cumberland and the Shipper will carry shipping insurance	Construction / Operations	Include in Project Certificate, Term and Condition 45	Completed
42	Meadowbank - PC 004	Cumberland will conduct annual community consultation visits in Chesterfield to report on the project and related shipping activities and to hear any concerns/comments from Chesterfield Inlet residents	Operations	Include in Project Certificate, Term and Condition 39	Completed
43	Meadowbank - PC 004	Re-do WQ modeling with less conservative assumptions: no rock wetting factors, no permafrost, use 1-kg IV rather than 100-kg IV rates for poor-end; used 100-kg for best estimate; higher temperature of soil to air by 4.4oC; long-term WQ w global warming; minimal improvement to WQ from UM cover (not automatic transition)	Detailed Engineering / Operations	Include in ARD-ML Management Plan Captured within the Water Quality Forecast annual. Use conservative modeling to ensure readiness given uncertainty regarding Climate Change Include in Project Certificate, Term and Condition 15	Completed
44	Meadowbank - PC 004	Additional Field and lab analysis of WR to segregated PAG and non-PAG rock	Operations	Include in Project Certificate, Term and Condition 15 Include in ARD-ML Management Plan	Completed
46	Meadowbank - PC 004	Adaptive management of (placement of) mine waste material considering monitoring results obtained during operation	Operations	Include in Project Certificate, Term and Condition 15	Completed
48	Meadowbank - PC 004	Detailed plans for water treatment	Operations	Include in Project Certificate, Term and Condition 9	Completed
49	Meadowbank - PC 004	Evaluation of viability of proposed in-situ and active treatment system and subsequent effects of effluent to receiving environment (near and far-field)	Operations	Include in Project Certificate, Term and Condition 13 Include in Annual Water Quality Forecast and CREMP	Completed
54	Meadowbank - PC 004	1.2 Long-term chemical stability (metal leaching) of UM rock	Operations	Include in Project Certificate, Term and Condition 15	Completed
56	Meadowbank - PC 004	1.5 operational criteria for waste management and use of WR	Operations	Include in Project Certificate, Term and Condition 15	Completed
59	Meadowbank - PC 004	1.9 Monitoring of all-weather road rock quality, ARD/ML potential	Operations	Include in AWAR Transportation Management Plan	Completed - Ongoing
60	Meadowbank - PC 004	1.10 Continued geochemical characterization (laboratory and filed tests) of UM, PAG and uncertain PAG rock and input into adaptive waste management plan	Operations / Closure	Include in Project Certificate, Term and Condition 15	Completed
70	Meadowbank - PC 004	Prepare and implement Incinerator Waste Management Plan	Construction / Operations	Include in Incinerator Waste Management Plan	Completed
71	Meadowbank - PC 004	Develop Energy Conservation Plan	Construction / Operations	Include in Project Certificate, Term and Condition 73	Completed
72	Meadowbank - PC 004	Incorporate the Government of Nunavut Dust Suppression Guidelines issued under the Environmental Protection Act to Cumberland Air Quality Management Plan	Construction / Operations / Closure	Include in Air Quality and Dustfall Monitoring Plan	Completed
73	Meadowbank - PC 004	Conduct annual incinerator stack emission monitoring for mercury, dioxins and furans and report results to Environment Canada and Government of Nunavut	Construction / Operations	Include in Project Certificate, Term and Condition 73	Completed
74	Meadowbank - PC 004	Provide annual report of the quantity and type of waste generated at the mine site distinguishing landfilled, recycled and incinerated streams	Construction / Operations	Include in Meadowbank Complex Annual Report Section 6	Completed - Ongoing
77	Meadowbank - PC 004	Install and operate two particulate samplers at the project site and report annually monitoring results conforming to detailed reporting protocol	Construction / Operations	Include in Project Certificate, Term and Condition 71	Completed
78	Meadowbank - PC 004	Perform sound level monitoring twice a year and document results	Construction / Operations	Include in Project Certificate, Term and Condition 62	Completed
89	Meadowbank - PC 004	Commitment to collecting and analyzing waterfowl data from monitoring surveys, particularly from aerial surveys of RSA	Construction / Operations	Include in Project Certificate, Term and Condition 54 Include in TEMP and Annual Wildlife Monitoring Summary Report	Completed

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90	Meadowbank - PC 004	Commitment to conducting breeding bird surveys annually during construction phase and at least the first three years of operation	Construction / Operations	Include in Project Certificate, Term and Condition 54 Include in TEMP and Annual Wildlife Monitoring Summary Report	Completed
101	Meadowbank - PC 004	Cumberland agrees with INAC that labor force adjustments, the transition to full time wage employment and the relationship between economic growth and community wellness are issues that should be included in socio-economic monitoring	Underway	Include in Project Certificate, Term and Condition 63	Completed
102	Meadowbank - PC 004	Cumberland has agreed with INAC, as a commitment, to include pre employment orientation for potential hires by Cumberland in the Labor Force Development Plan that will be developed under the terms of the IIBA. This commitment is in recognition that it is in the interests of both potential hires and Cumberland to ensure to the extent practicable that potential hires are well informed of the implications (nature of the work, workforce management, personal and family challenges etc.) of accepting employment with Cumberland	Construction / Operations	Include in Project Certificate, Term and Condition 63	Completed
103	Meadowbank - PC 004	Cumberland, in the FEIS and the letter to INAC in early March, had undertaken to participate with other interested parties in collaborative socio-economic monitoring, specifically focusing on issues related to individual and community wellness. This monitoring would be outside the IIBA, and is similar in concept to that agreed for the Jericho and Doris North projects. Cumberland has agreed with GN, as a commitment, that Cumberland will initiate a process to agree on objectives, scope, terms of reference and roles and responsibilities for this monitoring before the issuance of any project certificate, with a goal of achieving agreement within six months	Underway	Include in Project Certificate, Term and Condition 63	Completed
104	Meadowbank - PC 004	Cumberland agrees with GN that labor force adjustments, any pressures on physical and social infrastructure (including by emergency response planning), socio-economic impacts of public use of the access road, and community physical and mental health are issues that should be included in socio-economic monitoring	Underway	Include in Project Certificate, Term and Condition 63	Completed
105	Meadowbank - PC 004	Cumberland also agrees with GN that consultation and traditional knowledge will be integral to socio-economic monitoring methodologies	Underway	Include in Project Certificate Term and Condition 40, 58, 59 and 68	Completed
106	Meadowbank - PC 004	Cumberland also agrees that socio-economic monitoring results will be used to make recommendations to participating parties on measures to address identified community wellness challenges. This would include recommendations for action by Cumberland where monitoring results indicate negative relationships between community wellness indicators and the project and/or opportunities for enhancing project benefits	Underway	Include in Project Certificate, Term and Condition 63	Completed
107	Meadowbank - PC 004	Cumberland commits to engage throughout the life of the project with the GN Department of Education in Baker Lake on <ul style="list-style-type: none"> o Cumberland's provision of opportunities for training and education including under the Apprenticeship, Trade and Occupations Certification Act o The working relationship between the Department of Education and Cumberland as this relates to Cumberland's training programs for its workforce o Information exchange on workforce preparation requirements o Cumberland's commitment under the IIBA to provide supervisory and management training o Cumberland's commitment under the IIBA to provide initiatives specific to youth 	Construction / Operations	Include in Project Certificate, Term and Condition 63 and Meadowbank IIBA	Completed
108	Meadowbank - PC 004	Information made available by or to Cumberland under the terms of the IIBA in the areas of support to businesses in accessing project opportunities will be forwarded to the GN	Construction / Operations	Include in Project Certificate, Term and Condition 63	Completed
109	Meadowbank - PC 004	Cumberland commits to discussions with the GN Petroleum Products Division at least annually for the purpose of planning project jet fuel requirements	Construction / Operations	Agnico Eagle ensure their chosen airlines communicates with regional airports of their annual forecast on a regular basis	Completed - Ongoing

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110	Meadowbank - PC 004	<p>Cumberland commits to engage throughout the life of the project with the GN Department of Health and Social Services on</p> <ul style="list-style-type: none"> o Cumberland's activities covered by all relevant health legislation, including health legislation relevant to operating mines with more than 50 employees o Cumberland's commitment under the IIBA to develop the annual Baker Lake Wellness Report and Implementation Plan 	Construction / Operations / Closure	Include in Whale Tail Project Certificate No.008, Term and Condition 58 and 60	Completed
111	Meadowbank - PC 004	Cumberland's commitment under the IIBA to provide employment support including counseling workshops and programs	Construction / Operations	Include in Project Certificate, Term and Condition 63	Completed
112	Meadowbank - PC 004	Cumberland undertakes to develop an operational plan for the road which ensures maintenance of its status as a private road. Cumberland will develop this plan in collaboration with INAC, KIA, NTI, GN, and the Baker Lake HTO and Hamlet council	Construction / Operations	Include in Project Certificate, Term and Condition 32	Completed