

Attachments		Document Title	Author, File No., Rev., Date	Electronic File Name	Comments / Notes
No.	Subject				
PART 1 – MAIN REPORT					
		Revised Application for Amendment No.2 of Type A Water Licence 2AM-MRY1325	Knight Piésold, NB102-181/53-1, Rev 0, May 2, 2019	190502-2AM-MRY1325-Amend2-Applic-Main-Rpt	Updated
PART 2 – APPLICATION AND PROPONENT INFORMATION					
1	Executive Summary				
		Executive Summary (English, Inuktitut, French)	Baffinland, June 30, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-1-ExecSumm	Unchanged
2	Water Licence Amendment Application				
		Nunavut Water Board, Application for Water Licence Amendment	Baffinland, September 26, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-2-Applic	Unchanged
3	Application Concordance				
3.1	Document List	Document List	Knight Piésold, May 2, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-3.1-Doc-List	Updated
3.2	SIG Concordance	Miscellaneous Supplemental Information Guidelines	Baffinland, May 2, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-3.2-SIG-Concord	Updated
3.3	Management Plan Update Concordance	Baffinland Phase 2 - Management Plans Required for Water Licence Application Concordance Table	Baffinland, May 2, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-3.3-WL-Mngt-Plan-Concord	New
4	Regulatory Correspondence				
4.1	NPC Conformity Letter	NPC File No 148420 [Mary River Phase 2 Expansion Project]	Nunavut Planning Commission, May 29, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-4-Reg-Corresp	Unchanged
4.2	NIRB Review Process Letter	Re: Nunavut Impact Review Board Process Guidance – Mary River Modification Applications – Phase 2 Development Proposal and Production Increase Proposal	Nunavut Impact Review Board, June 11, 2018		Unchanged
5	Compliance Report				
		Table 5.1 - Compliance Assessment for Licence No. 2AM-MRY1325 Table 5.2 – Status of Resolution of Non-Compliance Items	Knight Piésold, Sept 26, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-5-Compliance-Rpt	Was Attachment 14
6	Proponent Information				
6.1	Articles of Amalgamation	Ontario Corporation Number 1904371 - Articles of Amalgamation	Ministry of Government Services, Government of Ontario, Oct 9. 2013	190502-2AM-MRY1325-Amend2-Applic-Att-6-Proponent-Info	Was Attachment 15.1
6.2	Baffinland Officers	Baffinland Iron Mines Corporation – Officers	Baffinland, May 2, 2019		Was Attachment 15.2
PART 3 - TECHNICAL INFORMATION					
7	Design Criteria				
7.1	Civil Design Philosophy	Mary River Expansion Project – Design Criteria: Civil Design Philosophy	Hatch, H353004-00000-200-210-0001, Rev. 2, Mar 12, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-7.1-Civil-Design-Criteria	Was Attachment 5.1
7.2	North Railway Design Criteria	Mary River Expansion Project – Railway Design Criteria and Design Rational	Hatch, H353004-39000-224-210-0001, Rev. 0, Nov 27, 2017	190502-2AM-MRY1325-Amend2-Applic-Att-7.2-Rail-Design-Criteria	Was Attachment 5.2
7.3	Geotechnical Design Basis	Mary River Expansion Project – Geotechnical Design Basis	Hatch, H353004-00000-229-210-0001, Rev. 0, July 5, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-7.3-Geotech-Design-Basis	New
8	Geotechnical Studies				
8.1	North Railway Terrain Analysis	Site Assessment of North Railway Alignment	Hatch, H352043-1000-220-068-0001, Rev. 2, Oct 4, 2017	190502-2AM-MRY1325-Amend2-Applic-Att-8.1-Terrain-Analysis	Was Attachment 6.1
8.2	North Railway Factual Geotechnical Report	2016-2017-2018 Rail Geotechnical Investigation Factual Data Report	Hatch, H353004-10000-229-230-0005, Rev. 2, Oct 5, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-8.2-Rail-Factual-Geotech	Update of Attachment 6.2
8.3	North Railway Bridges Ground Temperature Data	Ground Temperature Data at North Railway Bridge Abutments – Mary River Project – Phase 2 Proposal	Knight Piésold, Transmittal, Ref. No. NB19-00365, May 2, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-8.3-Ground-Temp-Bridges	New

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8.4	North Railway Bridge Geotechnical Recommendations	Foundation Recommendations for Rail Bridges	Hatch, H353004-35000-229-230-0001, Rev. 0, Jan 30, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-8.4-Bridges-Geotech-Recomm	New
8.5	North Railway Geotechnical Recommendations	Geotechnical Recommendations for Northern Railway	Hatch, H353004-30000-229-230-0001, Rev 0, Apr 26, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-8.5-Rail-Geotech-Recomm	Replaces Attachment 6.3
8.6	Mine Site Factual Geotechnical Report	2018 Mine Site Geotechnical Investigation Report	Hatch, H353004-10000-229-230-0006, Rev. 0, Sept 28, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-8.6-Mine-Factual-Geotech	New
8.7	Milne Port Factual Geotechnical Report	2016-2017-2018 Milne Port Geotechnical Investigation Factual Data Report	Hatch, H353004-40000-229-230-0009, Rev. 1, October 5, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-8.7-Milne-Factual-Geotech	New
8.8	Milne Port Geotechnical Recommendations	Mary River Expansion Study – Stage II – Preliminary Geotechnical Recommendation for Infrastructures at Milne Inlet	Hatch, H352034-3000-229-230-0002, Rev. 1, January 10, 2017	190502-2AM-MRY1325-Amend2-Applic-Att-8.8-Milne-Geotech-Recomm	Was Attachment 12.2
8.9	Milne Port Crushing and Screening Geotechnical Recommendations	Mary River Expansion Project – Geotechnical Recommendations for Stockpile Reclaim Tunnel & Crushing/Screening Plants	Hatch, H353004-00000-229-230-0003, Rev. 1, March 29, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-8.9-Milne-Reclaim-Crushing-Plant-Geotech-Recomm	New
8.10	Milne Port Dumper Load Out Tunnel and Indexer Geotechnical Recommendations	Geotechnical Recommendations for Dumper Load-out Tunnel and Indexer	Hatch, H353004-00000-229-230-0002, Rev. 0, July 30, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-8.10-Dumper-Loadout-Geotech-Recomm	New
8.11	Milne Port Stack/Reclaimer Berm Foundation Geotechnical Recommendations	Geotechnical Recommendations for Stack/Reclaimer Berm Foundation	Hatch, H353004-00000-229-230-0004, Rev 0, Mar 1, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-8.11-14Milne-Stacker-Geotech-Recomm	New
8.12	Milne Port Ore Dock No. 1 Factual Geotechnical Report	Milne Ore Dock Geotechnical Investigation Factual Report	Hatch, H349000-2200-15-124-0002, Rev. A, February 21, 2014	190502-2AM-MRY1325-Amend2-Applic-Att-8.12-Ore-Dock-No1-Factual-Geotech	New
8.13	Milne Port Ore Dock No. 2 Factual Geotechnical Report	Mary River Expansion Project – 2017 Milne Port Ore Dock No. 2 – Geotechnical Factual Data Report	Hatch, H352034-1000-229-230-0003, Rev. 0, October 3, 2017	190502-2AM-MRY1325-Amend2-Applic-Att-8.13-Ore-Dock-No2-Factual-Geotech	Was Attachment 12.3
8.14	Milne Port Ore Dock No. 2 Factual Geophysics Report	Geophysical Seismic Survey for a Proposed Fixed Dock, Mary River Project, Milne Inlet, Nunavut	Geophysics GPR International Inc., T13615, Feb 2014	190502-2AM-MRY1325-Amend2-Applic-Att-8.14-Ore-Dock-No2-Geophysics	Was Attachment 12.4
9	Geochemical Evaluations				
9.1	2007 Geochemical Evaluation	Preliminary Results of Phase I Geochemical Characterization Program	Knight Piésold, Ref. No. NB07-00232, Mar 16, 2007	190502-2AM-MRY1325-Amend2-Applic-Att-9.1-2007-Geochem	New
9.2	2010 Geochemical Evaluation	Baffinland Mary River Project - Trucking Feasibility Study, Interim ML/ARD Assessment of Tote Road Quarry and Borrow Pit Samples	AMEC Earth & Environmental (AMEC), Project No. TC101510, File No. 017, Rev 1, Dec 10, 2010	190502-2AM-MRY1325-Amend2-Applic-Att-9.2-2010-Geochem	New
9.3	2017 Geochemical Evaluation	Baffinland Iron Mines Corporation – Mary River Project – Geotechnical Investigations – Acid Rock Drainage Assessment	Hatch Ltd., H353004-00000-229-030-0002, Rev 2, Sept 11, 2017	190502-2AM-MRY1325-Amend2-Applic-Att-9.3-2017-Geochem	Was Attachment 6.4
9.4	2019 Geochemical Evaluation	Borrow Source Investigation Factual Data Report	Hatch, H353004-30000-229-230-0002, Rev 0, Apr 26, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-9.4-2019-Geochem	New
9.5	Geochemistry Summary Memo (2007 to 2019)	Summary of Geochemistry Testing of Rock and Overburden Samples Representative of Quarries, Borrow Pits and Rock Cuts Along the North Railway	Knight Piésold, NB19-00237, March 22, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-9.5-2007-2019-GeochemSummary	New
10	North Railway Detailed Figures				
		North Railway – Detailed Construction Phase Layout (34 sheets)	Knight Piésold, Figures 10.1 through 10.34, Rev 0	190502-2AM-MRY1325-Amend2-Applic-Att-10-Detailed-Rail-Figs	Revised, previously in Appendix B of TSD 2 Project Description

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No.	Subject				
11	North Railway Design				
11.1	North Railway Diagrammatic Conceptual Layouts	Site Plan Diagrammatic Layout – Milne Port to Mine Site Drawing Site Plan Diagrammatic Layout Wayside – Milne Port to Mine Site	Hatch, H353004-30000-224-262-0001-0001, Rev 1, Oct 1, 2018 Hatch, H353004-30000-224-262-0002-0001, Rev 1, Oct 1, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-11.1-Rail-Diagram	New
11.2	North Railway General Arrangements	Site Plan – Plan and Longitudinal Sections – CH. X+XXX to Y+YYY (3 Sheets)	Hatch, H353004-30000-224-271-0001-0001 through H353004-30000-224-271-0003-0001, Rev 0, Nov 19, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-11.2-Rail-P&P-Overview	Replaces Attachment 6.7
11.3	North Railway Plan and Profile Drawings	Site Plan – Plan and Longitudinal Sections – CH. X+XXX to Y+YYY (25 Sheets)	Hatch, H353004-30000-224-271-0004-0001 through H353004-30000-224-271-0028-0001, Rev 0, March 28, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-11.3-Rail-P&P-Detailed	New
11.4	North Railway Cross-Sections	Rail Site – Formation Cross Sections – CH. X+XXX to Y+YYY (27 sheets)	Hatch, H353004-30000-224-273-0001-0001 through H353004-30000-224-273-0018-0001, Rev 0, Apr 3, 2019 Hatch, H353004-30000-224-273-0035-0001 through H353004-30000-224-273-0043-0001, Rev 0, Apr 3, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-11.4-Rail-X-Sections	Replaces Attachment 6.9
11.5	North Railway Typical Drawings	Rail Site – Standard Drawing – Typical Cross Section – Sheet X of Y Rail Site – Standard Drawing – Typical Cut-Off Drain Detail Drawing	Hatch, H353004-30000-224-294-0003-0001, Rev 0, Oct 19, 2018 Hatch, H353004-30000-224-294-0004-0001, Rev 0, Oct 19, 2018 Hatch, H353004-30000-224-294-0004-0002, Rev 0, Oct 19, 2018 Hatch, H353004-30000-224-294-0005-0001, Rev 0, Mar 19, 2018 Hatch, H353004-30000-224-294-0005-0002, Rev 0, Oct 19, 2018 Hatch, H353004-30000-224-294-0006-0001, Rev 0, Oct 19, 2018 Hatch, H353004-30000-224-292-0008-0001, Rev. 0, Dec 20, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-11.5-Rail-Std-Sections	Replaces Attachment 6.9
11.6	Milne Port Rail Workshop Drawings	Rail Workshop – General Arrangement – Floor Layout Rail Workshop – General Arrangement – Sections and Details Rail Workshop – General Arrangement – Drainage and Piping Rail Workshop – Distilled Water, Oil and Grease – Piping Layout Rail Workshop – Compressed Air and Loco Sand – Piping Layout Milne Port Rail Maintenance Workshop – Rail Office TX003 – Floor Layout	Hatch, H353004-39000-220-272-0001-0001, Rev 2, Nov 9, 2018 Hatch, H353004-39000-220-272-0001-0002, Rev 0, Nov 9, 2018 Hatch, H353004-39000-220-272-0001-0003, Rev 0, Nov 9, 2018 Hatch, H353004-39000-220-272-0001-0004, Rev 0, Nov 9, 2018 Hatch, H353004-39000-220-272-0001-0005, Rev 0, Nov 9, 2018 Hatch, H353004-39000-220-272-0002-0001, Rev 0, Nov 20, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-11.6-Rail-Shop	New
11.7	Milne Port Locomotive Workshop Drawings	Port Site – Locomotive Workshop Pad – Plan Layout Port Site – Locomotive Workshop Pad – Profiles Port Site – Locomotive Workshop Pad – Drainage Plan	Hatch, H353004-40000-221-272-0009-0001, Rev 2, Feb 20, 2019 Hatch, H353004-40000-221-273-0005-0001, Rev 1, Mar 8, 2019 Hatch, H353004-40000-228-272-0009-0001, Rev 2, Mar 8, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-11.7-Loco-Workshop	New
12	Road Modifications				
12.1	Site-wide Standard Drawings	Site Wide Standard Drawing – Typical Culvert Details Site Wide Standard Drawing – Earthworks & Drainage Details Site Wide Standard Drawing – Earthworks & Drainage Details Site Wide Standard Drawing – Earthworks & Drainage Details Site Wide Standard Drawing – Earthworks & Drainage Details Site Wide Standard Drawing – Earthworks & Drainage Details Site Wide Standard Drawing – Road Signage Placement Details Site Wide Standard Drawing – Typical Pad, Ditch & Berm Sections Site Wide Standard Drawing – Typical Internal Road Sections Site Wide Standard Drawing – Typical Internal Road Sections	Hatch, H353004-00000-221-294-0001-0001, Rev 1, Sep 18, 2018 Hatch, H353004-00000-221-294-0002-0001, Rev 1, Aug 16, 2018 Hatch, H353004-00000-221-294-0003-0001, Rev 1, Aug 16, 2018 Hatch, H353004-00000-221-294-0004-0001, Rev 1, Sep 18, 2018 Hatch, H353004-00000-221-294-0005-0001, Rev 1, Sep 18, 2018 Hatch, H353004-00000-221-294-0006-0001, Rev 1, Aug 16, 2018 Hatch, H353004-00000-221-294-0007-0001, Rev 0, Dec 18, 2017 Hatch, H353004-00000-221-294-0008-0001, Rev 1, Aug 16, 2018 Hatch, H353004-00000-221-294-0009-0001, Rev 1, Aug 16, 2018 Hatch, H353004-00000-221-294-0010-0001, Rev 1, Sep 18, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-12.1-Site-wide-Std-Dwg	New

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12.2	Tote Road Grade Crossing Layouts	Tote Road – Rail Terrace Access – Grade Crossing at Rail CH. 02+092 – Layout and Longitudinal Section Tote Road – Layout and Longitudinal Section – Grade Crossing at CH. 09+460 Tote Road – Layout and Longitudinal Section – Grade Crossing at CH. 12+420 Tote Road – Layout and Longitudinal Section – Grade Crossing at CH. 55+243 Tote Road – Layout and Longitudinal Section – Grade Crossing at CH. 86+941 Tote Road – Layout and Longitudinal Section – Grade Crossing at CH. 91+750 Tote Road – Layout and Longitudinal Section – Grade Crossing at CH. 95+957 Tote Road – Comms Tower Access – Grade Crossing at Rail CH. 23+286 – Layout and Longitudinal Section	Hatch, H353004-30000-224-271-0031-0001, Rev. 0, Dec 20, 2018 Hatch, H353004-30000-224-271-0033-0001, Rev. 2, Nov 16, 2018 Hatch, H353004-30000-224-271-0034-0001, Rev. 2, Apr 10, 2019 Hatch, H353004-30000-224-271-0035-0001, Rev. 1, Nov 30, 2018 Hatch, H353004-30000-224-271-0036-0001, Rev. 2, Feb 15, 2019 Hatch, H353004-30000-224-271-0037-0001, Rev. 1, Nov 16, 2018 Hatch, H353004-30000-224-271-0038-0001, Rev. 2, Apr 11, 2019 Hatch, H353004-30000-224-271-0039-0001, Rev. 1, Nov 16, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-12.2-Grade-Xings	Was Attachment 7.2 (several drawings updated)
12.3	Tote Road Grade Crossing Sections	Tote Road – Grade Crossing (Rail Ch.12+420) – Cross Sections – Ch.0 to 0+840 Tote Road – Grade Crossing (Rail Ch.95+957) – Cross Sections – Ch.0+00 to 740+00 Tote Road – Grade Crossing (Rail Ch.95+957) – Cross Sections – Ch.760+00 to 1040+00	Hatch, H353004-30000-224-273-0022-0001, Rev 2, Apr 10, 2019 Hatch, H353004-30000-224-273-0026-0001, Rev 2, Nov 15, 2018 Hatch, H353004-30000-224-273-0046-0001, Rev 0, Apr 26, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-12.3-Grade-Xing-Sections	New
12.4	Tote Road Typical Drawings	Mine Site – Haul, Primary and Secondary Roads – Typical Cross Sections Tote Road – Standard Drawing – Typical Haul Road Cross Section Tote Road – Standard Drawing – Typical Grade Crossing Layout Tote Road – Standard Drawing – Road Signs and Sign Post Detail Port Site – Module, Primary, Secondary Roads – Typical Cross Sections Port Site – Module Road and Tote Road – Drainage Details	Hatch, H353004-10000-221-272-0002-0001, Rev. 0, Jan 26, 2018 Hatch, H353004-30000-224-294-0010-0001, Rev. 0, Apr 25, 2018 Hatch, H353004-30000-224-294-0009-0001, Rev. 0, Dec 20, 2018 Hatch, H353004-30000-224-294-0007-0001, Rev 0, Dec 20, 2018 Hatch, H353004-40000-221-273-0001-0001, Rev 0, Mar 20, 2018 Hatch, H353004-40000-223-271-0009-0002, Rev 1, Aug 21, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-12.4-ToteRoad-Typicals	Was Attachment 7.3 New
12.5	Tote Road Relocation Drawings	Tote Road – Road Relocation – Rail Chainage 83+900 – 85+620 – Layout and Longitudinal Section Tote Road – Road Relocation Rail Ch. 83+900 – 85+700 – Cross Sections Ch. 1+200 to Ch. 1+880	Hatch, H353004-30000-224-271-0054-0001, Rev. 2, Mar 20, 2019 Hatch, H353004-30000-224-273-0045-0001, Rev 1, Mar 20, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-12.5-ToteRoad-Relocate	New
12.6	Milne Port Southern Bypass Road Drawings	Port Site – Southern Bypass Road, Plan & Profile – Sheet 1 of 4 Port Site – Southern Bypass Road, Plan & Profile – Sheet 2 of 4 Port Site – Southern Bypass Road, Plan & Profile – Sheet 3 of 4 Port Site – Southern Bypass Road, Plan & Profile – Sheet 4 of 4	Hatch, H353004-40000-223-271-0006-0001, Rev 2, April 12, 2019 Hatch, H353004-40000-223-271-0006-0002, Rev 2, April 12, 2019 Hatch, H353004-40000-223-271-0006-0003, Rev 2, April 12, 2019 Hatch, H353004-40000-223-271-0006-0004, Rev 2, April 12, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-12.6-Port-SBypass-Road	New
12.7	Milne Port Module Delivery Road Drawings	Port Site – Module Delivery Road – Plan & Profile – Sheet 1 of 4 Port Site – Module Delivery Road – Plan & Profile – Sheet 2 of 4 Port Site – Module Delivery Road – Plan & Profile – Sheet 3 of 4 Port Site – Module Delivery Road – Plan & Profile – Sheet 4 of 4	Hatch, H353004-40000-223-271-0007-0001, Rev 1, Dec 5, 2018 Hatch, H353004-40000-223-271-0007-0002, Rev 1, Mar 15, 2019 Hatch, H353004-40000-223-271-0007-0003, Rev 0, Jun 4, 2018 Hatch, H353004-40000-223-271-0007-0004, Rev 0, Jun 4, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-12.7-Module-Delivery-Road-P&P	New
12.8	Milne Port Site Road Drawings	Port Site – Stockyard 2 – Northern Access Roads – Plan & Profile Port Site – Stockyard 2 – Southern Access Roads – Plan & Profiles Port Site – Tote Road Drainage Upgrade – Plan and Profile (3 sheets) Port Site – Dumper Tunnel Access Road – Plan & Profile Port Rail Site – Layout and Longitudinal Section – Access Road to Rail Workshop	Hatch, H353004-40000-223-271-0012-0001, Rev 0, Jun 14, 2018 Hatch, H353004-40000-223-271-0011-0001, Rev 0, Jun 14, 2018 Hatch, H353004-40000-223-271-0009-0001, Rev 1, Oct 4, 2018 Hatch, H353004-40000-223-271-0009-0002, Rev 1, Oct 4, 2018 Hatch, H353004-40000-223-271-0009-0003, Rev 1, Oct 4, 2018 Hatch, H353004-40000-223-271-0005-0001, Rev 1, Aug 16, 2018 Hatch, H353004-30000-224-271-0055-0001, Rev. 0, Sep 4, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-12.8-Port-Site-Roads	New

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No.	Subject				
13	Watercourse Crossings				
13.1	Fish Habitat Interactions Report	Mary River Phase 2 Proposal Update: Project Infrastructure Interactions with Fresh Water Streams and Ponds	North/South Consultants Inc., May 1, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-13.1-Fish-Interact-Rpt	New
13.2	Fisheries Survey Report	Baffinland Iron Mines Corporation – Mary River Project – Phase 2 Proposal – North Railway Freshwater Habitat Survey: 2018	North/South Consultants Inc., Apr 2019	190502-2AM-MRY1325-Amend2-Applic-Att-13.2-2018-Fish-Baseline-Rpt	New
13.3	North Railway Catchments	Rail Site Drainage Catchments – Sheet 1 of 3 Rail Site Drainage Catchments – Sheet 2 of 3 Rail Site Drainage Catchments – Sheet 3 of 3	Hatch, H353004-30000-224-274-0001-0001, Rev 0, Feb 10, 2017 Hatch, H353004-30000-224-274-0002-0001, Rev 0, Apr 24, 2018 Hatch, H353004-30000-224-274-0003-0001, Rev 0, Apr 24, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-13.3-Rail-Catchments	Was Attachment 6.5
13.4	North Railway Culvert Typical Drawings	Rail Site – Standard Drawing – Typical Cross Section – Multiple Barrel Pipe Culvert Rail Site – Standard Drawing – Typical Cross Section – Single Barrel Pipe Culvert	Hatch, H353004-30000-224-294-0001-0001, Rev. 0, Nov 8, 2018 Hatch, H353004-30000-224-294-0002-0001, Rev. 0, Nov 8, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-13.4-CulvertTypicals	New
13.5	Milne Port Culvert Placement Plan	Port Site – Surface Water Management – Culvert Placement Plan	Hatch, H353004-40000-220-272-0009-0001, Rev A, March 25, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-13.5-Milne-Port-Culvert-Placements	New
13.6	North Railway Arch Culvert Details	Dur-A-Span – The Lightweight Champion	Atlantic Industries Ltd., Dur-A-Span Specifications Watercourse Crossing	190502-2AM-MRY1325-Amend2-Applic-Att-13.6-Arch-Culvert	New
13.7	North Railway Bridges Hydraulic Assessment	Rail Bridge Design – Hydraulic Report	Hatch, H353004-35000-220-230-0002, Rev. 0, Jan 23, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-13.7-Rail-Bridges-Hydraulic-Design-Report	New
13.8	North Railway Bridge Drawings	Railway – Cover Sheet – General Arrangement Drawing Railway – Site Plans – BR # (4 Drawings) Railway – Bridge General Layout – BR # (4 Drawings) Railway – BR # - Pile Layout – Detail Drawing (4 Drawings) Railway – Pile Record Table – BR # (4 Drawings) Railway – T.P.G. Span – 14.500 c/c – XXXXX (10 Drawings) Railway – BR # – Bill of Material (4 Drawings)	Hatch, H353004-35000-232-270-0001-0001, Rev 0, March 20, 2019 Hatch, H353004-35000-232-274-0001-0001 through H353004-35000-232-274-0004-0001, Rev 0, March 20, 2019 Hatch, H353004-35000-232-272-0001-0001 through H353004-35000-232-272-0004-0001, Rev 0, March 20, 2019 Hatch, H353004-35000-232-260-0002-0001 through H353004-35000-232-260-0005-0001, Rev 0, March 20, 2019 Hatch, H353004-35000-232-260-0002-0002 through H353004-35000-232-260-0004-0002 and H353004-35000-232-260-0005-0003, Rev 0, March 20, 2019 Hatch, H353004-35000-232-260-0001-0001 through H353004-35000-232-260-0001-0010, Rev 0, March 20, 2019 Hatch, H353004-35000-232-260-0002-0003 through H353004-35000-232-260-0004-0003 and H353004-35000-232-260-0005-0004, Rev 0, March 20, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-13.8-Rail-Bridges	New, replaces Attachment 8.3. These are contract drawings; IFC drawings will be produced by the bridge contractor at a later date.
14	Mine Site Material Handling and Water Management				
14.1	Mine Site Crusher Pad Drawings	Mine Site Crusher Pad – Layout Plan Mine Site Crusher Pad – Pad Cross Sections Mine Site Crusher Pad – Drainage Plan Mine Site Crusher Pad – Crusher Ramp & Walls Setting Out Mine Site Crusher Pad – Settling Pond Plan and Profiles Mine Site Crusher Pad – Settling Pond Details	Hatch, H353004-10000-221-272-0006-0001, Rev 1, Aug 3, 2018 Hatch, H353004-10000-221-273-0003-0001, Rev 1, Aug 3, 2018 Hatch, H353004-10000-228-272-0005-0001, Rev 1, Aug 3, 2018 Hatch, H353004-10000-221-272-0007-0001, Rev 1, Aug 3, 2018 Hatch, H353004-10000-228-272-0006-0001, Rev 1, Aug 3, 2018 Hatch, H353004-10000-228-273-0001-0001, Rev 1, Aug 3, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-14.1-Mine-Crusher-Pad	Was Attachment 10.3
14.2	Mine Site Water Management Plan	Mine Surface Water Management Plan	Hatch, H353004-10000-200-210-0001, Rev. 1, April 12, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-14.2-Mine-Water-Mgnt-Plan	Attachment 10.3 update
14.3	Mine Site Water Balance Schematic	Mine Site – Area Water Balance – Block Flow Diagram	Hatch, H353004-10000-270-252-0002-0001, Rev. 1, Apr 10, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-14.3-Mine-Water-Balance-BFD	Attachment 10.3 update
14.4	Mine Site Truck Workshop Drawings	Mine Site – Mine Truck Workshop Pad – Earthworks Cross Sections Mine Site – Mine Truck Workshop Access Road – Plan & Profile	Hatch, H353004-10000-221-273-0001-0001, Rev. 2, Jul 20, 2018 Hatch, H353004-10000-223-271-0009-0001, Rev. 0, Jul 16, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-14.4-Mine-Truck-Workshop	New

Attachments		Document Title	Author, File No., Rev., Date	Electronic File Name	Comments / Notes
No.	Subject				
15	Milne Port Material Handling and Water Management				
15.1	Milne Port Ore Handling and Stockpiling Drawings	Port Site – Rail Car Dumper – Drainage Plan Port Site – Crushing Feed Stockpile Pad – Layout Plan Port Site – Crushing Feed Stockpile Pad – Settling Pond Layout Port Site - Crushing Feed Stockpile Pad – Drainage Plan Port Site – Crushing and Screening Pad – Settling Pond Layout Port Site Crushing and Screening Pad Drainage Plan Port Site – Stockyard 2 – Stacker Reclaimer Berm – Plan and Setting Out Port Site – Stacker Reclaimer Berm – Typical Section Port Site – Stockyard 2 – Stacker Reclaimer Berm – Sections Port Site – Stockyard No. 2 – Western Berm - Plan and Profile Port Site – Stockyard 2 – Eastern Berm - Plan and Profile – Sheet 1 of 3 Port Site – Stockyard 2 – Eastern Berm - Plan and Profile – Sheet 2 of 3 Port Site – Stockyard 2 – Eastern Berm North - Plan and Profile – Sheet 3 of 3	Hatch, H353004-40000-221-272-0010-0001, Rev 0, Jul 27, 2018 Hatch, H353004-40000-221-272-0002-0001, Rev 2, Feb 14, 2019 Hatch, H353004-40000-228-272-0003-0001, Rev 1, Aug 15, 2018 Hatch, H353004-40000-228-272-0005-0001, Rev 1, Aug 19, 2018 Hatch, H353004-40000-228-272-0004-0001, Rev 1, Aug 14, 2018 Hatch, H353004-40000-228-272-0006-0001, Rev 1, Aug 17, 2018 Hatch, H353004-40000-221-271-0003-0001, Rev 0, Jun 25, 2018 Hatch, H353004-40000-221-272-0004-0001, Rev 1, Feb 25, 2019 Hatch, H353004-40000-221-272-0008-0002, Rev 0, Jun 25, 2018 Hatch, H353004-40000-228-271-0009-0001, Rev 1, April 17, 2019 Hatch, H353004-40000-228-271-0010-0001, Rev 0, May 24, 2018 Hatch, H353004-40000-228-271-0010-0002, Rev 0, May 24, 2018 Hatch, H353004-40000-228-271-0010-0003, Rev 0, May 24, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-15.1-Port-Ore-Handling-Stockpiling	New
15.2	Milne Port Stockyard Stormwater Ponds Schematic	Port Site – Stockyard Settling Ponds – P&ID	Hatch, H353004-40000-270-276-0006-0001, Rev 1, April 4, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-15.2-Port-Stormwater-P&I-Diagram	New
15.3	Milne Port Water Management Plan	Port Surface Water Management Plan	Hatch, H353004-40000-200-066-0001, Rev. 1, Apr 12, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-15.3- Port-Water-Mgnt-Plan	New
15.4	Milne Port Site Water Balance Schematic	Port Site – Area Water Balance – Block Flow Diagram	Hatch, H353004-40000-270-252-0002-0001, Rev. 1, Apr 10, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-15.4-Port-Water-BFD	New
15.5	Milne Port Site Complex Expansion Drawings	Port Site Complex – Pad Expansion – Drainage Plan Port Site Complex – Pad Expansion – Pad Cross Sections Port Site Complex – Pad Expansion – Layout Plan	Hatch, H353004-40000-228-272-0018-0001, Rev 0, Feb 28, 2019 Hatch, H353004-40000-221-272-0014-0001, Rev 0, Feb 28, 2019 Hatch, H353004-40000-221-272-0013-0001, Rev 0, Feb 28, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-15.5-PSC-Expansion	New
15.6	Milne Port Laydown Areas Drawings	Port Site – Laydown Area LP5 – Layout Plan Port Site – Laydown Area LP5 – Longitudinal Profiles Port Site – Laydown Area LP2 – Drainage Plan Port Site – Laydown Area LP3 – Drainage Plan Port Site – Laydown Area LP7 – Drainage Plan Port Site – Laydown Area W10A – Drainage Plan Port Site – Laydown Area W10B – Drainage Plan Port Site – Laydown Area LP6 – Drainage Plan Port Site – Laydown Area LP5 – Drainage Plan	Hatch, H353004-40000-221-271-0010-0001, Rev 2, Apr 12, 2019 Hatch, H353004-40000-221-271-0010-0002, Rev 2, Apr 12, 2019 Hatch, H353004-40000-228-272-0011-0001, Rev 3, Jan 15, 2019 Hatch, H353004-40000-228-272-0012-0001, Rev 1, Aug 20, 2018 Hatch, H353004-40000-228-272-0013-0001, Rev 1, Aug 20, 2018 Hatch, H353004-40000-228-272-0014-0001, Rev 1, Aug 20, 2018 Hatch, H353004-40000-228-272-0015-0001, Rev 1, Aug 20, 2018 Hatch, H353004-40000-228-272-0016-0001, Rev 1, Aug 20, 2018 Hatch, H353004-40000-228-272-0017-0001, Rev 1, Aug 20, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-15.6-Laydown-Details	New
16	Temporary Ore Staging Area				
16.1	Temporary Ore Staging Area Drawings	Rail Site (56 km) Rail Temporary Loading Facility Rail Site (56 km) Rail Temporary Loadout Cross-section	Hatch, H353004-30000-224-271-0029-0001, Rev A, Mar 21, 2018 Hatch, H353004-30000-224-273-0032-0001, Rev. 0, May 8, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-16.1-Temp-Ore-Staging-Layout	Was Attachment 6.8
16.2	Temporary Ore Staging Area Water Balance Schematic	Ore Staging Rail Site – Area Water Balance – Block Flow Diagram	Hatch, H353004-30000-270-252-0001-0001, Rev. 0, Sept 12, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-16.2-Temp-Ore-Staging-Water-Balance	Was Attachment 11.5

Attachments		Document Title	Author, File No., Rev., Date	Electronic File Name	Comments / Notes
No.	Subject				
17	Mine Site Fuel Tank Farm				
17.1	Mine Site Fuel System Drawings	Mine Site – Fuel System – Process Flow Diagram Mine Site – Fuel System – 15,000,000L Arctic Diesel Tank Mine Site – Fuel System – Typical Vertical Tank Details	Hatch, H353004-10000-210-282-0001-0001, Rev. 1, Feb 1, 2019 Hatch, H353004-10000-240-270-0002-0001, Rev. 0, Feb 1, 2019 Hatch, H353004-10000-240-260-0001-0001, Rev. 0, July 25, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-17.1-Mine-Tank-Farm	Was Attachment 13, has been updated
17.2	Mine Site Fuel Tank Farm Grading, Layout and Section Drawings	Mine Site – 15,000,000 Arctic Diesel Tank – TK-006 Mine Site – Tank Farm Grading – Plan Mine Site – Tank Farm – TK-005 & TK-006 Arctic Diesel Tank Signage Mine Site – Additional Tank Farm Storage – P&ID Mine Site – Tank Farm– Layout & Grading Points Mine Site – Tank Farm Dyke– Sections A to D Mine Site – Tank Farm Dyke– Sections E to F Mine Site – Tank Farm– Pipe Supports Mine Site – Tank Farm– General Arrangement Mine Site –Tank Farm Enlarged Piping Plan Mine Site – Tank Farm– Site Signage Mine Site – Tank Farm Piping– Section-A Mine Site – Tank Farm Piping– Sections & Miscellaneous Details Mine Site Tank Farm Operating Procedures Signage Mine Site Tank Farm, TK-005 Arctic Diesel Tank Signage	Hatch, H353004-10000-240-270-0002-0001, Rev. 0, Feb 1, 2019 Hatch, H353004-10000-220-272-0009-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-240-260-0002-0001, Rev. 1, Feb 1, 2019 Hatch, H353004-10000-210-276-0001-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-220-272-0010-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-220-273-0001-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-220-273-0002-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-220-280-0001-0001, Rev. 1, Feb 1, 2019 Hatch, H353004-10000-240-272-0002-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-240-272-0003-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-240-272-0004-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-240-273-0001-0001, Rev. 1, Feb 1, 2019 Hatch, H353004-10000-240-273-0002-0001, Rev. 2, Feb 1, 2019 Hatch, H353004-10000-240-260-0004-0001, Rev. 0, Jul 25, 2018 Hatch, H353004-10000-240-260-0002-0001, Rev. 0, Jul 25, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-17.2-Mine-Tank-Farm-Dwg	Was Attachment 13, has been updated
18	Water Supply and Sewage				
18.1	Mine Site Water and Sewage Schematic	Mine Site – Water and Sewage – Process Flow Diagram	Hatch, H353004-10000-270-282-0001-0001, Rev 2, Apr 1, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-18.1-Mine-Water&Sewage-PFD	Was Attachment 11.2, has been updated
18.2	Milne Port Water and Sewage Schematic	Port Site – Water and Sewage – Process Flow Diagram	Hatch, H353004-40000-270-282-0001-0001, Rev. 2, Apr 1, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-18.2-Port-Water&Sewage-PFD	Was Attachment 11.4, has been updated
18.3	Milne Port Utilities Plan	Port Site – Existing and New Utilities – Layout Plan Port Site – PSC Effluent Discharge Pipeline – Berm – Plan and Profile	Hatch, H353004-40000-221-272-0026-0001, Rev A, Mar 19, 2019 Hatch, H353004-40000-221-272-0027-0001, Rev 0, April 18, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-18.3-Port-Utilities	New
18.4	Temporary Camp Sewage Tanks	Operation & Maintenance Manual – 1704962 – Horizon North – Wastewater Storage Tanks	Newterra, Sept 2017	190502-2AM-MRY1325-Amend2-Applic-Att-18.4-Sewage-Tanks-Manual	Was Attachment 16
18.5	Temporary Camp Water Tanks	Wastewater Storage Tanks – Cross Section Electrical Layout Floor Plan Siding Plan	Alantra: A-5 (Serial # AL18-1348 & AL18-1349) Rev 0, June 2018 Alantra: E-1 (Serial # AL18-1348 & AL18-1349) Rev 0, June 2018 Alantra: A-1 (Serial # AL18-1349) Rev 0, June 2018 Alantra: A-7 (Serial # AL18-1348 & AL18-1349) Rev 0, June 2018	190502-2AM-MRY1325-Amend2-Applic-Att-18.5-Water-Tanks	Was Attachment 16
19	Milne Port Landfarm Manual				
		Landfarm Operation, Maintenance and Monitoring Manual	Baffinland, BAF-PH1-320-T07-0005, Rev 0, Mar 18, 2015	190502-2AM-MRY1325-Amend2-Applic-Att-19-Landfarm-OMM-Manual	Was Attachment 17
PART 4 – MANAGEMENT PLANS					
20	Emergency Response Plan				
		Emergency Response Plan	Baffinland, BAF-PH1-840-P16-0002, Rev 3, March 29, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-20-Emerg-Resp-Plan	Draft update for Phase 2 Proposal
21	Spill Contingency Plan				
		Spill Contingency Plan	Baffinland, BAF-PH1-830-P16-0036, Rev 3, March 29, 2017	190502-2AM-MRY1325-Amend2-Applic-Att-21-Spill-Conting-Plan	Draft update for Phase 2 Proposal

Attachments		Document Title	Author, File No., Rev., Date	Electronic File Name	Comments / Notes
No.	Subject				
22	Surface Water, Aquatic Ecosystem Management Plan				
		Surface Water, Aquatic Ecosystem Management Plan	Baffinland, BAF-PH1-830-P16-0026, Rev 5, March 31, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-22-SWAEMP	Draft update for Phase 2 Proposal
23	Fresh Water Supply, Sewage, and Wastewater Management Plan				
		Fresh Water Supply, Sewage, and Wastewater Management Plan	Baffinland, BAF-PH1-830-P16-0010, Rev 6, March 31, 2019	190502-2AM-MRY1325-Amend2-Applic-Att-23-FWSWMP-Part1 to -Part5	Draft update for Phase 2 Proposal
24	Waste Management Plan				
		Waste Management Plan	Baffinland, BAF-PH1-830-P16-0028, Rev 6, March 29, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-24-Waste-Mgnt-Plan	Draft update for Phase 2 Proposal
25	Hazardous Materials and Hazardous Waste Management Plan				
		Hazardous Materials and Hazardous Waste Management Plan	Baffinland, BAF-PH1-830-P16-0011, Rev 5, March 29, 2017	190502-2AM-MRY1325-Amend2-Applic-Att-25-Haz-Mat-Waste-Plan	Draft update for Phase 2 Proposal
26	Borrow Pit and Quarry Management Plan				
		Borrow Pit and Quarry Management Plan	Baffinland, BAF-PH1-830-P16-0004, Rev 0, March 20, 2014	190502-2AM-MRY1325-Amend2-Applic-Att-26-Borrow-Quarry-Mgnt-Part1 to Part3	Draft update for Phase 2 Proposal
27	Aquatic Effects Monitoring Plan				
		Aquatic Effects Monitoring Plan	Baffinland, BAF-PH1-830-P16-0039, Rev 2, April 8, 2016	190502-2AM-MRY1325-Amend2-Applic-Att-27-AEMP-Part1 to -Part7	Draft update for Phase 2 Proposal
28	Environmental Protection Plan				
		Environmental Protection Plan	Baffinland, BAF-PH1-830-P16-0008, Rev 1, August 30, 2016	190502-2AM-MRY1325-Amend2-Applic-Att-28-EPP-Part1 to -Part2	Draft update for Phase 2 Proposal
29	Interim Closure and Reclamation Plan				
		Interim Closure and Reclamation Plan	Baffinland, BAF-PH1-830-P16-0012, Rev 5, Oct 30, 2018	190502-2AM-MRY1325-Amend2-Applic-Att-29-ICRP-Part1 to -Part5	Draft update for Phase 2 Proposal
30	Surface Water Sampling QA/QC Plan				
		Surface Water Sampling QA/QC Plan	Baffinland, BAF-PH1-830-P16-0001, Rev 1, Aug 30, 2016	190502-2AM-MRY1325-Amend2-Applic-Att-30-Wtr-Sampling-QAQC	Unchanged
31	Phase 1 Waste Rock Management Plan				
		Phase 1 Waste Rock Management Plan	Baffinland, BAF-PH1-830-P16-0029, Rev 0, April 30, 2014	190502-2AM-MRY1325-Amend2-Applic-Att-31-Ph1-Waste-Rock-Plan	Unchanged
32	Life-of-Mine Waste Rock Management Plan				
		Life-of-Mine Waste Rock Management Plan	Baffinland, BAF-PH1-830-P16-0031, Rev 0, April 30, 2014	190502-2AM-MRY1325-Amend2-Applic-Att-33-LOM-Waste-Rock-Plan	Unchanged

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NOTES:

Black – Presented in September 26, 2018 application

Blue – Presented for the first time in this submission