



NOTES:

- 1) The flows for these streams will occur in the summer time only.
- 2) The flow values on this water balance have been derived from previous consultants documentation produced during the earlier phase of the project. Where values were missing Hatch estimations are used.
- 3) The peak flows for the accommodation facilities were determined using a peaking factor.
- 4) The division of trucked and piped facilities is based upon the proximity of the various facilities as indicated on layouts prepared by Hatch.
- 5) Potable water will be supplied from the accommodation complex to the STP, Incineration Plant, Power Plant and PWTP using bottles.

LEGEND:
 ————— CONTINUOUS FLOW.
 - - - - - INTERMITTENT FLOW.

Stream No.	1	2	3	4	5	6
Stream Description	RAW WATER SUPPLY	FIREWATER	FEED TO POTABLE TREATMENT SYSTEM	PIPED FRESH WATER	TRUCKED FRESH WATER	POTABLE SYSTEM PRODUCT FLOW
Construction Phase - Design (m ³ /h)	42.9	300.0	5.5	10.2	42.9	5.5
Construction Phase - Nominal (m ³ /h)	6.1	-	5.5	0.4	0.1	5.5
Operation Phase - Design (m ³ /h)	-	-	-	-	-	-
Operation Phase - Nominal (m ³ /h)	-	-	-	-	-	-

Stream No.	7	8	9	10	11	12	13
Stream Description	POTABLE SYSTEM WASTE FLOW	WASH WATER TO INCIN. PLANT	WASH WATER TO POWER PLANT	WASH WATER TO PWTP	ROAD DUST SUPPRESS	FIRETRUCK WATER	POTABLE WATER TO ACC. COMPLEX
Construction Phase - Design (m ³ /h)	0.002	3.4	3.4	3.4	42.9	42.9	31.1
Construction Phase - Nominal (m ³ /h)	0.001	0.1	0.1	0.1	0.1	-	5.5
Operation Phase - Design (m ³ /h)	-	-	-	-	-	-	-
Operation Phase - Nominal (m ³ /h)	-	-	-	-	-	-	-



HATCH		Baffinland	
DESIGNED BY R. KAPADIA Date: 8/22/2011	DRAWN BY R. KAPADIA Date: 8/22/2011	RAVN RIVER CAMP - MARY RIVER PROJECT BLOCK FLOW DIAGRAM WATER SUPPLY BALANCE	
CHECKED BY A. ZLATIC Date: 8/22/2011	DISCIP ENGR. A. ZLATIC Date: 8/22/2011		
PROJ. DES. COORD. J. CASSON Date: 8/22/2011	PROJ. ENGR. J. CASSON Date: 8/22/2011		
PROJECT MANAGER H. CHARALAMBU Date: 8/22/2011		Drawing No. H337697-7000-10-002-0003 SHEET 1 OF 2	Rev. E

