

Drawing No. H337697-7000-10-002-0004 SHEET 1 OF 2

H. CHARALAMBU Date: 8/22/2011

Rev. E

0.1

0.1

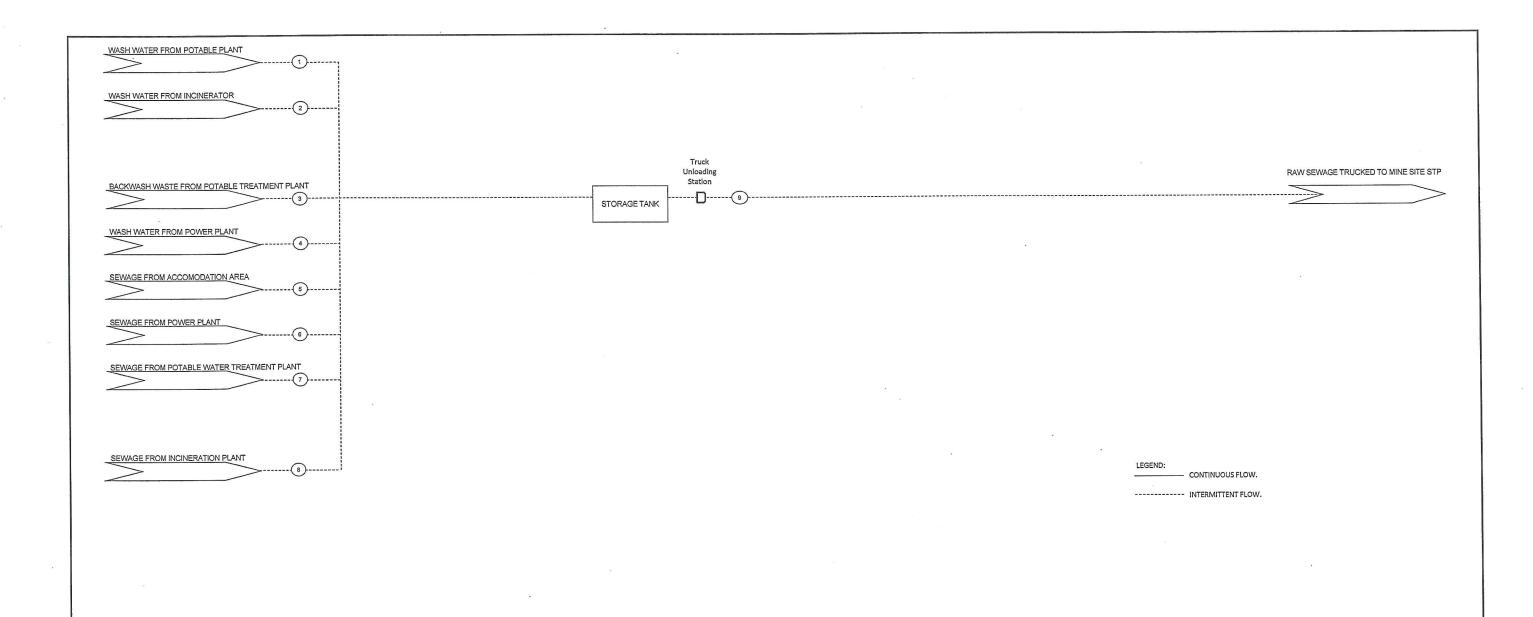
0.001

Nominal (m³/h)
eration Phase - Design
(m³/h)
eration Phase - Nominal

0.1

0.1

2.6



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.
 The peak flows for the accommodation facilities were determined using a peaking factor.
 The division of trucked and piped facilities is based upon the proximity of the various facilities as indicated on layouts prepared by Hatch.
 It has been assumed that relative sewage flows will be distributed through different facilities in the same proportions as the relative potable water flows.

Stream Description	WATER FROM POTABLE PLANT	WASH WATER FROM INCIN.	PWTP BACKWASH WASTE STREAM	WATER FROM POWER PLANT	
Construction Phase - Design (m ³ /h)	3.4	3.4	0.002	3.407	
Construction Phase - Nominal (m ³ /h)	0.1	0.1	0.001	0.142	
Operation Phase - Design (m ³ /h)	-	-	-	_	
Operation Phase - Nominal (m ³ /h)	-		_		
Stream No.	5	6	7	8	9
Stream Description	SEWAGE FROM ACC. COMPLEX	SEWAGE FROM POWER PLANT	SEWAGE FROM PWTP	SEWAGE FROM INCIN. PLANT	RAW SEWAGE TO MINE SITE STP
Construction Phase - Design (m³/h)	24.40	0.02	0.02	0.01	42.9
Construction Phase -	2 39	0.02	0.02	0.01	2.9



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DESIGNED BY R. KAPADIA Date: 8/22/2011	R. KAPADIA Date: 8/22/2011				
CHECKED BY A. ZLATIC Date: 8/22/2011	DISCIP ENGR. A. ZLATIC Date: B/22/2011	MID-RAIL CAMP - MARY RIVER PROJECT BLOCK FLOW DIAGRAM WASTE WATER BALANCE			
PROJ. DES. COORD.	PROJ. ENGR. J. CASSON Date: 8/22/2011				
PROJECT MANAGER H. CHARALAMBU Date: 8/22/2011		Drawing No. H337697-7000-10-002-0004 SHEET 2 OF 2	Rev.		