

DO NOT SCALE

RIVER DISCHARGE	
FLOWRATE	1137.3m ³ /d
FUTURE FLOWRATE	1436.8m ³ /d
COD CONC.	280 mg/l
BOD CONC.	20 mg/l
SS CONC.	30 mg/l
NH4-N CONC.	5 mg/l
TOTAL P	2 mg/l
TOTAL IRON	5 mg/l
pH	5-9

UF PERMEATE EXCESS	
AVG. DESIGN FLOW	933.1 m ³ /d
FUTURE AVG. DESIGN FLOW	1232.6 m ³ /d
MAX. INST. FLOW	85 m ³ /hr

WASTE SLUDGE	
AVG. DESIGN FLOW	62.7 m ³ /day
FUTURE AVG. DESIGN FLOW	63.2 m ³ /day
SOLIDS (CURRENT)	0.6% DS
SOLIDS (FUTURE)	0.7% DS

RO FEED	
DAILY FLOW	704.2 m ³ /day
INST. FLOW	29.3 m ³ /hr

RO REJECT	
DAILY FLOW	204.2 m ³ /day
INST. FLOW	8.5 m ³ /hr

RO PERMEATE	
DAILY FLOW	500 m ³ /day
INST. FLOW	20.8 m ³ /hr

RECYCLED WATER	
DAILY FLOW	500 m ³ /day
INST. FLOW	20.8 m ³ /hr

Rev No	Revision note	Date	By	Approved
4	RE-ISSUED FOR TENDER T003	24/02/20	CA	DEY
3	RE-ISSUED FOR TENDER T002	05/02/20	CA	IM
2	ISSUED FOR TENDER T002	15/01/20	ANF	IM
1	RE-ISSUED FOR TENDER T001	16/04/19	ANF	IM

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Client	Muntions Malt - WWRP
Title	PROCESS FLOW DIAGRAM (SHEET 2)
Drawing No	P4964-P002
Rev.	4
Sheet	1 OF 1
Scale	NTS
A1	

PRELIMINARY

