



LOCATION	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑
DESCRIPTION	SEAWATER	MF/UF FEED	CMFS FEED	CMFS FILTRATE	CMFS BACKWASH	Z-1000 FEED	Z-1000 FILTRATE	Z-1000 BACKWASH	CONVENTIONAL FEED	GMF FILTRATE	GMF BW SUPPLY	GMF SPENT BACKWASH	SWRO #1 FEED	SWRO #1 PERMEATE	SWRO #1 CONCENTRATE	SWRO #2 FEED	SWRO #2 PERMEATE	SWRO #2 CONCENTRATE	2nd PASS RO FEED	RETURN WATER	WASHWATER TO SANITARY SEWER
APPROX AVERAGE FLOW (GPM)	125 **	75	35	31	3.5 *	35	31	3.5 *	45	43	150	2 *	35	15	20	35	15	20	1	125 **	6 - 9
MAXIMUM TDS PPM	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	< 200	79,000	32,000	< 200	79,000	< 200	32,000	32,000
MAXIMUM TB NTU	100	100	100	< 1.0	> 1,000	100	< 1.0	> 1,000	100	< 5.0	< 1.0	> 500	< 1.0	< 1.0	< 1.0	> 5.0	< 0.1	< 1.0	< 0.1	< 0.1	> 1,000

* APPROX. AVERAGE OVER 24 HOURS (ASSUMES 90% RECOVERY FOR MF/UF AND 1 BW PER DAY FOR GMF)
 ** SYSTEM FLOWS DO NOT ADD UP DUE TO OVERFLOWS FOR SYSTEM CONTROL. MAX INTAKE AND RETURN FLOWS COULD BE 150 GPM DUE TO HIGH TIDE CONDITIONS.

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USE OF DOCUMENTS <small>THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.</small>	Todd K. Reynolds C59630				DESIGNED	TKR	Kennedy/Jenks Consultants Engineers & Scientists <small>in association with</small> 	MARIN MUNICIPAL WATER DISTRICT SEAWATER DESALINATION PILOT PLANT PROGRAM				PROCESS FLOW DIAGRAM				FILE NAME	
					DRAWN	WL		Kennedy/Jenks Consultants 622 FOLSOM STREET, SAN FRANCISCO, CA 94107								JOB NO.	0468029.00
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