

**APPENDIX 9B**

**BIOSOLIDS SCREENING ALTERNATIVES – WASTELOAD PROJECTIONS**

Treatment Plant	Current (1999-2003)			Design Loadings		
	Flow	BOD	TSS	Flow	BOD	TSS
	(MGD)	(lb/d)	(lb/d)	(MGD)	(lb/d)	(lb/d)
<b>JIIWWTP</b>						
Average Day	102	270,306	226,076	123	299,000	314,000
Maximum Day	354	768,531	2,273,484	300	687,000	722,000
Maximum Week		416,512	830,321		478,000	534,000
<b>SSWWTP</b>						
Average Day	101	150,382	199,875	113	224,000	266,000
Maximum Day	307	594,475	2,562,048	250	515,200	611,800
Maximum Week		318,552	1,103,632		336,000	452,200
<b>TOTAL WWTP</b>						
Average Day	203	420,688	425,951	236	523,000	580,000
Maximum Day	661	1,363,006	4,835,532	550	1,202,200	1,333,800
Maximum Week		735,064	1,933,953		814,000	986,200

Total Average	420,687	425,951
CHECK - 1999-2003 System Loads	417,945	484,460
Variance	0.66%	-12.08%

JIIWWTP = Jones Island Wastewater Treatment Plant  
SSWWTP = South Shore Wastewater Treatment Plant  
DWOR = Daily/Weekly Operating Report

BOD = Biochemical Oxygen Demand  
TSS = Total Suspended Solids  
DMR = Discharge Monitoring Report (submitted to Wisconsin Department of Natural Resources)

**NOTES:**

- 1) Flows and Wasteloads were established in the JIIWWTP and SSSWWTP UWS DWORs, 1999-2003 with some verification from DMRs
- 2) Influent BOD data not available for JIIWWTP for all days in 1999 in UWS DWORs
- 3) CHECK information came from MMSD Accounting Records

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	Average
MMSD Accounting Records	1999	2000	2001	2002	2003	
System BOD	428,803	432,851	414,040	410,027	404,006	417,945
System TSS	487,194	482,621	482,360	485,961	484,163	484,460

- 4) Certain influent data in UWS DWORs appeared too high. Information was being refined and verified with MMSD against DMR data during the period that this spreadsheet was developed — Spring/Summer 2005. Therefore this data had not been finalized and do not correctly represent existing conditions. Data reported as Existing Condition data in Chapters 4 & 5 have been verified and updated.



TABLE 9B-1  
**SCREENING ALTERNATIVES EXISTING  
CONDITIONS INFLUENT FLOWS & WASTELOADS**

2020 TREATMENT REPORT

6/2/07

TR\_9B.T001.07.06.02.cdr

Treatment Plant	2020 Baseline			2020 Baseline Without Major Industry			Design Loadings		
	Flow (MGD)	BOD (lb/d)	TSS (lb/d)	Flow (MGD)	BOD (lb/d)	TSS (lb/d)	Flow (MGD)	BOD (lb/d)	TSS (lb/d)
<b>JIIWWTP</b>									
Average Day	104	281,559	239,505	104	247,233	231,836	123	299,000	314,000
Maximum Day	<b>354</b>	<b>851,133</b>	<b>2,517,673</b>	<b>353</b>	<b>773,094</b>	<b>2,492,598</b>	300	687,000	722,000
Maximum Week		461,278	<b>919,503</b>		411,050	<b>908,402</b>		478,000	534,000
<b>SSWWTP</b>									
Average Day	<b>132</b>	200,974	260,273	<b>132</b>	200,974	260,273	113	224,000	266,000
Maximum Day	<b>307</b>	<b>807,414</b>	<b>3,479,489</b>	<b>307</b>	<b>807,414</b>	<b>3,479,489</b>	250	515,200	611,800
Maximum Week		<b>432,657</b>	<b>1,498,831</b>		<b>432,657</b>	<b>1,498,831</b>		336,000	452,200
<b>TOTAL WWTP</b>									
Average Day	<b>236</b>	482,533	499,778	<b>236</b>	<b>448,207</b>	<b>492,109</b>	236	523,000	580,000
Maximum Day	<b>661</b>	<b>1,658,547</b>	<b>5,997,162</b>	<b>660</b>	<b>1,580,508</b>	<b>5,972,087</b>	550	1,202,200	1,333,800
Maximum Week		<b>893,935</b>	<b>2,418,334</b>		<b>843,706</b>	<b>2,407,232</b>		814,000	986,200

JIIWWTP = Jones Island Wastewater Treatment Plant  
SSWWTP = South Shore Wastewater Treatment Plant

BOD = Biochemical Oxygen Demand  
TSS = Total Suspended Solids

**NOTES:**

- 1) Average day flows developed from Conveyance Modeling - 10 year simulation using 2020 Baseline Conditions
- 2) No expansions planned at treatment plants - used maximum day flows treatment plants have processed from existing condition analysis
- 3) 2020 Baseline Average Day BOD and TSS loadings were developed by adding the increase in loadings from 2020 Baseline residential, commercial, industrial and I/I projections to existing BOD and TSS loadings. Point Sources did NOT increase in loading. Existing BOD and TSS loadings taken from 1999-2003 average listed in Table 9B-1: Screening Alternatives Existing Condition Influent Flows & Wasteloads
- 4) 2020 Baseline Maximum Day & Week wasteloads were calculated by multiplying Existing Conditions Maximum Day & Week wasteloads by the % increase in average day loadings calculated in the Conveyance Modeling:

	JIIWWTP		SSWWTP	
	BOD	11%	BOD	36%
	TSS	11%	TSS	36%

- 5) More explanation of calculations listed on worksheet "Procedure" in Appendix 5A, Future Condition Flow and Wasteload Analysis

**6) All bold values exceed plant design capacity**



TABLE 9B-2 SHEET 1 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
INFLUENT FLOWS AND WASTELOADS**

2020 FACILITIES PLAN

6/2/07

TR\_9B.T002.07.06.02.cdr

FFS simulation

User Name: dperry

Date: 3/8/2005 5:24:04 PM

Notes: Ten-year Water Course/Water Quality Modeling period 1988 - 1997

Simulation Start Date: 1/1/1988

Simulation End Date: 12/31/1997 11:55:00 PM

Timestep: 3600 seconds

**Simulation Condition: 2020 Baseline**

AVERAGE DAY (BOTH Flow goes to JI)

JIIWWTP 104.5 MGD

SSWWTP 132 MGD

I/I Check

2020 Baseline I/I 109.3 MGD

Assume Ave I/I difference between Ave Flow & BSF

Actual 2003 I/I 101.0 MGD

Name	Meter Basin	DW_WWTP	Area (acres)*	Type	Population *	Peak Inst. Flow (cfs)	Peak Day Peak Inst. Flow Date	Peak Day Flow (cfs)	Peak Day Date	Avg. Flow (cfs)	Population#	Count
<b>BOTH TREATMENT PLANTS</b>												
BD5008	MS0532	BOTH	10.7	Separated	28	0.0	5/10/1990 8:00	0.0	5/10/1990	0.005	27	1
BD5012	MS0532	BOTH	76.6	Separated	1430	0.5	6/21/1997 7:00	0.3	5/10/1990	0.126	1405	1
BD5013	MS0532	BOTH	140.4	Separated	61	0.8	5/22/1991 11:00	0.5	5/10/1990	0.120	60	1
CU6001	MS0614	BOTH	316.9	Separated	2063	2.7	5/10/1990 9:00	2.2	5/10/1990	0.325	2027	1
CU6002	MS0614	BOTH	188.6	Separated	1342	1.6	5/10/1990 9:00	1.3	5/10/1990	0.182	1319	1
CU6005	MS0613	BOTH	205.4	Separated	1750	16.5	5/22/1991 11:00	2.8	6/21/1997	0.276	1713	1
CU6007	MS0614	BOTH	153.4	Separated	663	1.4	5/10/1990 8:00	1.1	5/10/1990	0.207	715	1
CU6008	MS0101	BOTH	248.3	Separated	1618	6.8	5/10/1990 8:00	5.8	5/10/1990	2.076	1892	1
CU6009	MS0617	BOTH	173.2	Separated	684	13.4	5/22/1991 11:00	3.2	5/10/1990	1.248	726	1
CU6010	MS0616	BOTH	229.5	Separated	2976	17.2	5/22/1991 11:00	3.7	5/10/1990	1.112	3114	1
CU6012	MS0615	BOTH	212.2	Separated	2271	19.5	5/22/1991 11:00	3.5	6/21/1997	0.550	3065	1
CU6013	MS0101	BOTH	141.1	Separated	1625	1.4	5/10/1990 9:00	1.1	5/10/1990	0.282	1649	1
CU6014	MS0101	BOTH	57.7	Separated	664	0.6	5/10/1990 9:00	0.5	5/10/1990	0.114	651	1
CU6015	MS0101	BOTH	49.0	Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
CU6019	MS0617	BOTH	222.2	Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
FP5005	MS0438	BOTH	333.1	Separated	1298	4.8	5/10/1990 8:00	3.9	5/10/1990	0.440	1287	1
FP5006	MS0438	BOTH	311.5	Separated	1186	4.5	5/10/1990 8:00	3.7	5/10/1990	0.423	1195	1
FP5008	MS0438	BOTH	140.9	Separated	104	1.9	5/10/1990 8:00	1.6	5/10/1990	0.125	108	1
GF6007	MS0607	BOTH	148.2	Separated	1569	14.8	5/22/1991 11:00	3.1	6/21/1997	0.245	1565	1
GF6008	MS0608	BOTH	102.1	Separated	895	10.2	5/22/1991 11:00	1.6	6/21/1997	0.201	883	1
GF6010	MS0602	BOTH	425.1	Separated	2162	17.4	5/22/1991 11:00	4.7	5/10/1990	0.613	2600	1
GF6015	MS0602	BOTH	64.3	Separated	868	2.7	5/22/1991 11:00	0.7	5/10/1990	0.112	885	1
GF6019	MS0102	BOTH	13.0	Separated	80	0.4	6/21/1997 8:00	0.3	5/10/1990	0.031	79	1
GF6021	MS0608	BOTH	49.4	Separated	592	5.0	5/22/1991 11:00	0.8	6/21/1997	0.106	602	1
GL5028	MS0509	BOTH	40.3	Separated	115	0.4	5/10/1990 8:00	0.4	4/20/1993	0.083	130	1
GL5030	MS0531	BOTH	30.4	Separated	126	0.2	5/10/1990 8:00	0.2	5/10/1990	0.026	123	1
GL5032	MS0438	BOTH	13.2	Separated	70	0.2	5/10/1990 8:00	0.2	5/10/1990	0.020	69	1
GL5033	MS0509	BOTH	297.0	Separated	1564	3.1	5/10/1990 8:00	2.8	4/20/1993	0.717	1555	1
GL5050	MS0532	BOTH	54.8	Separated	237	0.2	5/10/1990 8:00	0.2	5/10/1990	0.034	232	1
GL5051	MS0530	BOTH	148.6	Separated	645	1.1	4/20/1993 7:00	1.0	4/20/1993	0.233	632	1
GL5052	MS0438	BOTH	68.3	Separated	265	1.0	5/10/1990 8:00	0.8	5/10/1990	0.130	262	1
ME5007	MS0532	BOTH	194.7	Separated	288	1.0	5/22/1991 11:00	0.6	5/10/1990	0.090	338	1
MI5013	MS0519	BOTH	207.7	Separated	2693	2.1	5/10/1990 7:00	1.7	4/20/1993	0.443	2700	1
MI5015	MS0520	BOTH	155.6	Separated	1578	1.7	5/10/1990 7:00	1.3	5/10/1990	0.294	1710	1
MI5016	MS0401-SS	BOTH	329.1	Separated	4331	5.3	5/10/1990 9:00	4.3	5/10/1990	0.851	4163	1
MI5017	MS0518	BOTH	215.8	Separated	2160	3.1	5/10/1990 8:00	2.6	4/20/1993	0.522	2330	1
MI5019	MS0401-SS	BOTH	213.6	Separated	2370	3.4	5/10/1990 9:00	2.8	5/10/1990	0.521	2276	1
MI5020	MS0517	BOTH	178.8	Separated	2156	2.1	5/10/1990 7:00	1.8	4/20/1993	0.515	1905	1
MI5113	MS0532	BOTH	371.3	Separated	0	1.3	5/10/1990 9:00	1.1	5/10/1990	0.114	0	1
MI5146	MS0401-SS	BOTH	38.8	Separated	485	0.6	5/10/1990 9:00	0.5	5/10/1990	0.094	493	1
MI5147	MS0521	BOTH	193.7	Separated	1651	2.1	4/20/1993 7:00	1.9	4/20/1993	0.481	1803	1
MI6081	MS0610	BOTH	184.9	Separated	898	5.8	5/22/1991 11:00	1.5	5/10/1990	0.246	955	1
MI6089	MS0610	BOTH	519.2	Separated	1950	16.5	5/22/1991 11:00	4.6	5/10/1990	0.919	2230	1
MI6090	MS0610	BOTH	236.5	Separated	1098	7.5	5/22/1991 11:00	2.1	5/10/1990	0.404	1293	1
MI6091	MS0611	BOTH	207.0	Separated	2293	6.7	5/22/1991 11:00	1.6	6/21/1997	0.365	2403	1
MI6092	MS0102	BOTH	175.9	Separated	1950	9.1	5/22/1991 11:00	2.0	6/21/1997	0.388	2165	1
MI6093	MS0102	BOTH	430.5	Separated	4042	22.1	5/22/1991 11:00	4.8	6/21/1997	0.859	4530	1
MI6098	MS0102	BOTH	363.6	Separated	2130	18.8	5/22/1991 11:00	9.6	5/10/1990	0.739	2075	1
MI6099	MS0608	BOTH	402.6	Separated	4547	40.5	5/22/1991 11:00	6.6	6/21/1997	0.938	5095	1
MI6104	MS0602	BOTH	239.7	Separated	3158	9.9	5/22/1991 11:00	2.7	5/10/1990	0.452	3160	1
MI6105	MS0102	BOTH	269.2	Separated	1772	9.8	6/21/1997 8:00	6.2	5/10/1990	1.219	2056	1
MI6106	MS0102	BOTH	537.6	Separated	6433	18.9	6/21/1997 8:00	11.7	5/10/1990	1.623	7287	1
MI6110	MS0102	BOTH	65.6	Separated	720	3.4	5/22/1991 11:00	0.8	6/21/1997	0.153	893	1
MI6127	MS0607	BOTH	33.7	Separated	274	3.4	5/22/1991 11:00	0.7	6/21/1997	0.048	274	1
MI6129	MS0607	BOTH	15.8	Separated	195	1.6	5/22/1991 11:00	0.3	6/21/1997	0.029	195	1
MI6148	MS0102	BOTH	119.0	Separated	1446	4.1	6/21/1997 8:00	2.5	5/10/1990	0.295	1452	1
MI6179	MS0613	BOTH	56.7	Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
RH5001	MS0532	BOTH	1152.7	Separated	374	6.0	5/22/1991 11:00	3.1	5/10/1990	0.350	370	1
RH5002	MS0531	BOTH	645.5	Separated	271	3.7	5/10/1990 9:00	3.1	5/10/1990	0.270	268	1
RH5005	MS0509	BOTH	370.4	Separated	144	3.6	4/20/1993 4:00	3.2	4/20/1993	0.612	146	1
RH5007	MS0532	BOTH	335.7	Separated	125	1.2	5/10/1990 9:00	1.0	5/10/1990	0.112	124	1
SF6004	MS0102	BOTH	120.5	Separated	1189	6.3	5/22/1991 11:00	1.6	6/21/1997	0.351	1951	1
SF6005	MS0102	BOTH	224.5	Separated	1198	11.4	5/22/1991 11:00	2.4	6/21/1997	0.384	1359	1
SF6007	MS0611	BOTH	56.8	Separated	354	1.8	5/22/1991 11:00	0.4	6/21/1997	0.107	364	1
SF6008	MS0610	BOTH	50.3	Separated	596	1.7	5/22/1991 11:00	0.5	5/10/1990	0.146	587	1
SF6009	MS0102	BOTH	74.8	Separated	556	3.9	5/22/1991 11:00	0.9	6/21/1997	0.168	662	1



**Simulation Condition: 2020 Baseline**

						Actual 2003 I/I	101.0 MGD				
SF6010	MS0101	BOTH	99.8 Separated	769	2.1	5/10/1990 8.00	1.7	5/10/1990	0.254	767	1
SF6011	MS0101	BOTH	110.6 Separated	0	1.4	5/10/1990 7.00	1.0	5/10/1990	0.468	3508	1
SF6013	MS0612	BOTH	98.4 Separated	436	4.2	5/22/1991 11.00	1.0	6/21/1997	0.280	493	1
SF6014	MS0102	BOTH	73.3 Separated	0	0.0	5/10/1990 7.00	0.0	5/10/1990	0.007	14	1
WE6020	MS0609	BOTH	167.7 Separated	2126	25.4	5/22/1991 11.00	4.9	6/21/1997	0.642	2747	1
WM6004	MS0102	BOTH	154.4 Separated	15	10.2	5/22/1991 11.00	6.3	5/10/1990	2.497	18	1
<b>JIWWTP</b>											
CS5073#1	MS0505-CS	Jones Island	88.2 Combined	750	125.0	5/22/1991 11.00	13.0	6/21/1997	0.367	817	1
CS5073#2	MS0505-CS	Jones Island	304.3 Combined	4667	471.1	5/22/1991 11.00	48.2	6/21/1997	1.726	4718	1
CS5074A1	MS0505-CS	Jones Island	62.3 Combined	1697	96.4	5/22/1991 11.00	10.0	6/21/1997	0.469	1857	1
CS5074A2	MS0505-CS	Jones Island	80.6 Combined	2437	116.6	5/22/1991 11.00	12.4	6/21/1997	0.760	2436	1
CS5134#1	MS0504-CS	Jones Island	396.1 Combined	3552	618.3	5/22/1991 11.00	63.0	6/21/1997	2.073	3881	1
CS5134#2	MS0504-CS	Jones Island	100.8 Combined	2008	156.8	5/22/1991 11.00	16.0	6/21/1997	0.566	2042	1
CS5135#1	JIWWTP-CS_high	Jones Island	85.9 Combined	1263	126.2	5/22/1991 11.00	13.0	6/21/1997	0.411	1430	1
CS5135A1	JIWWTP-CS_high	Jones Island	58.2 Combined	1027	88.4	5/22/1991 11.00	9.1	6/21/1997	0.319	1106	1
CS5135A2	JIWWTP-CS_high	Jones Island	9.5 Combined	0	15.1	5/22/1991 11.00	1.5	6/21/1997	0.049	0	1
CS5135A3	JIWWTP-CS_high	Jones Island	104.8 Combined	1987	160.2	5/22/1991 11.00	16.5	6/21/1997	0.635	2514	1
CS5136#1	JIWWTP-CS_high	Jones Island	380.7 Combined	6114	574.4	5/22/1991 11.00	58.9	6/21/1997	1.862	6170	1
CS5137#1	JIWWTP-CS_high	Jones Island	28.4 Combined	334	39.2	5/22/1991 11.00	4.1	6/21/1997	0.121	333	1
CS5139#1	JIWWTP-CS_high	Jones Island	33.6 Combined	680	52.8	5/22/1991 11.00	5.4	6/21/1997	0.203	680	1
CS5140#1	JIWWTP-CS_high	Jones Island	112.5 Combined	1735	172.5	5/22/1991 11.00	18.1	6/21/1997	1.085	1759	1
CS5141#1	JIWWTP-CS_high	Jones Island	72.5 Combined	1229	110.3	5/22/1991 11.00	11.4	6/21/1997	0.443	1419	1
CS5141#2	JIWWTP-CS_high	Jones Island	7.1 Combined	498	11.1	5/22/1991 11.00	1.2	6/21/1997	0.077	497	1
CS5142A1	JIWWTP-CS_high	Jones Island	127.6 Combined	6542	199.1	5/22/1991 11.00	20.7	6/21/1997	1.189	6724	1
CS5144#1	JIWWTP-CS_high	Jones Island	19.2 Combined	730	29.5	5/22/1991 11.00	3.1	6/21/1997	0.142	728	1
CS5145#1	JIWWTP-CS_high	Jones Island	17.6 Combined	1277	27.8	5/22/1991 11.00	2.9	6/21/1997	0.200	1279	1
CS5146#1	JIWWTP-CS_high	Jones Island	32.8 Combined	1676	51.3	5/22/1991 11.00	5.3	6/21/1997	0.315	1805	1
CS5147#1	JIWWTP-CS_high	Jones Island	10.6 Combined	156	15.8	5/22/1991 11.00	1.6	6/21/1997	0.058	180	1
CS5147#2	JIWWTP-CS_high	Jones Island	13.0 Combined	450	20.7	5/22/1991 11.00	2.1	6/21/1997	0.097	450	1
CS5148#1	JIWWTP-CS_high	Jones Island	12.1 Combined	386	19.4	5/22/1991 11.00	2.0	6/21/1997	0.095	439	1
CS5193#1	MS0501-CS	Jones Island	1555.9 Combined	30218	2342.6	5/22/1991 11.00	242.7	6/21/1997	10.188	34418	1
CS5193#2	MS0501-CS	Jones Island	19.2 Combined	273	30.1	5/22/1991 11.00	3.1	6/21/1997	0.102	273	1
CS5193#3	MS0501-CS	Jones Island	42.5 Combined	719	66.2	5/22/1991 11.00	6.8	6/21/1997	0.232	726	1
CS5193#4	MS0501-CS	Jones Island	128.8 Combined	3154	200.3	5/22/1991 11.00	20.6	6/21/1997	0.835	3236	1
CS5193#5	MS0501-CS	Jones Island	108.7 Combined	1309	137.8	5/22/1991 11.00	14.7	6/21/1997	0.415	1380	1
CS5195#1	MS0501-CS	Jones Island	1340.9 Combined	24263	1990.3	5/22/1991 11.00	206.4	6/21/1997	8.050	31512	1
CS5196A1	MS0501-CS	Jones Island	374.6 Combined	10132	573.6	5/22/1991 11.00	59.2	6/21/1997	2.537	11069	1
CS5197A1	JIWWTP-CS_high	Jones Island	44.2 Combined	1086	65.4	5/22/1991 11.00	7.4	6/21/1997	0.899	1359	1
CS5198#1	JIWWTP-CS_high	Jones Island	273.1 Combined	4114	411.3	5/22/1991 11.00	42.4	6/21/1997	1.516	5494	1
CS5199#1	JIWWTP-CS_high	Jones Island	39.6 Combined	593	60.3	5/22/1991 11.00	6.2	6/21/1997	0.208	673	1
CS5200#1	JIWWTP-CS_high	Jones Island	103.2 Combined	855	148.7	5/22/1991 11.00	15.3	6/21/1997	0.411	974	1
CS5200A1	JIWWTP-CS_high	Jones Island	216.6 Combined	3893	322.8	5/22/1991 11.00	33.4	6/21/1997	1.227	5047	1
CS5200A2	JIWWTP-CS_high	Jones Island	150.9 Combined	1877	233.0	5/22/1991 11.00	23.8	6/21/1997	0.779	2585	1
CS5201#1	JIWWTP-CS_high	Jones Island	35.2 Combined	459	52.7	5/22/1991 11.00	5.4	6/21/1997	0.177	463	1
CS5201A1	JIWWTP-CS_high	Jones Island	182.5 Combined	1217	269.9	5/22/1991 11.00	27.8	6/21/1997	0.833	2317	1
CS5205#1	JIWWTP-CS_high	Jones Island	4.2 Combined	0	6.0	5/22/1991 11.00	0.6	6/21/1997	0.014	0	1
CS5206#1	JIWWTP-CS_high	Jones Island	5.4 Combined	0	8.8	5/22/1991 11.00	0.9	6/21/1997	0.024	0	1
CS5228#1	JIWWTP-CS_high	Jones Island	193.6 Combined	5759	301.6	5/22/1991 11.00	30.9	6/21/1997	1.261	5750	1
CS5372A1	MS0501-CS	Jones Island	76.3 Combined	1232	117.4	5/22/1991 11.00	12.0	6/21/1997	0.435	1244	1
CS5372A2	MS0501-CS	Jones Island	79.7 Combined	116	96.6	5/22/1991 11.00	10.4	6/21/1997	0.196	116	1
CS5372A3	MS0501-CS	Jones Island	10.0 Combined	51	14.1	5/22/1991 11.00	1.5	6/21/1997	0.041	51	1
CS5500#1	MS0504-CS	Jones Island	167.4 Combined	1730	256.8	5/22/1991 11.00	26.3	6/21/1997	0.888	1757	1
CS6328#1	JIWWTP-CS_high	Jones Island	9.9 Combined	178	14.8	5/22/1991 11.00	1.5	6/21/1997	0.050	187	1
CS6330#1	JIWWTP-CS_high	Jones Island	31.1 Combined	126	37.5	5/22/1991 11.00	4.0	6/21/1997	0.072	126	1
CS6357#1	JIWWTP-CS_high	Jones Island	136.6 Combined	4521	213.1	5/22/1991 11.00	21.9	6/21/1997	0.960	4558	1
CS6358#1	JIWWTP-CS_high	Jones Island	18.0 Combined	727	28.3	5/22/1991 11.00	2.9	6/21/1997	0.144	747	1
CS6358#2	JIWWTP-CS_high	Jones Island	76.1 Combined	2103	115.1	5/22/1991 11.00	11.9	6/21/1997	0.470	2124	1
CS6359#1	JIWWTP-CS_high	Jones Island	63.1 Combined	1615	93.9	5/22/1991 11.00	9.7	6/21/1997	0.382	1614	1
CS6359#2	JIWWTP-CS_high	Jones Island	58.2 Combined	26	68.0	5/22/1991 11.00	7.3	6/21/1997	0.120	26	1
CS6360#1	JIWWTP-CS_high	Jones Island	88.7 Combined	2848	136.9	5/22/1991 11.00	14.1	6/21/1997	0.627	2915	1
CS6361#1	JIWWTP-CS_high	Jones Island	46.5 Combined	1371	74.2	5/22/1991 11.00	7.6	6/21/1997	0.350	1382	1
CS6362#1	JIWWTP-CS_high	Jones Island	18.4 Combined	682	28.3	5/22/1991 11.00	2.9	6/21/1997	0.138	697	1
CS6363#1	JIWWTP-CS_high	Jones Island	291.8 Combined	10775	454.4	5/22/1991 11.00	46.9	6/21/1997	2.211	11067	1
CS6363#2	JIWWTP-CS_high	Jones Island	30.7 Combined	1052	47.8	5/22/1991 11.00	4.9	6/21/1997	0.230	1115	1
CS6364#1	JIWWTP-CS_high	Jones Island	84.1 Combined	2200	117.5	5/22/1991 11.00	12.3	6/21/1997	0.472	2237	1
CS6366#1	JIWWTP-CS_high	Jones Island	43.0 Combined	1445	66.9	5/22/1991 11.00	6.9	6/21/1997	0.311	1499	1
CS6366#2	JIWWTP-CS_high	Jones Island	42.5 Combined	759	69.2	5/22/1991 11.00	7.0	6/21/1997	0.295	788	1
CS6366#3	JIWWTP-CS_high	Jones Island	17.9 Combined	616	28.7	5/22/1991 11.00	2.9	6/21/1997	0.143	641	1
CS6366#4	JIWWTP-CS_high	Jones Island	21.7 Combined	787	33.6	5/22/1991 11.00	3.5	6/21/1997	0.163	821	1
CS6368A1	JIWWTP-CS_high	Jones Island	245.5 Combined	4540	388.0	5/22/1991 11.00	39.6	6/21/1997	1.490	4769	1
CS6369#1	JIWWTP-CS_high	Jones Island	25.2 Combined	61	35.5	5/22/1991 11.00	3.7	6/21/1997	0.101	61	1
CS7207#1	JIWWTP-CS_low	Jones Island	118.0 Combined	801	145.1	5/22/1991 11.00	15.6	6/21/1997	0.362	1095	1
CS7207#2	JIWWTP-CS_low	Jones Island	242.3 Combined	5531	358.8	5/22/1991 11.00	37.2	6/21/1997	1.414	6355	1
CS7208#1	JIWWTP-CS_low	Jones Island	508.2 Combined	12314	773.5	5/22/1991 11.00	79.7	6/21/1997	3.106	13049	1
CS7209#1	JIWWTP-CS_low	Jones Island	48.6 Combined	696	72.4	5/22/1991 11.00	7.5	6/21/1997	0.252	860	1
CS7209#2	JIWWTP-CS_low	Jones Island	10.6 Combined	339	16.0	5/22/1991 11.00	1.7	6/21/1997	0.071	356	1
CS7210#1	JIWWTP-CS_low	Jones Island	15.7 Combined	54	23.4	5/22/1991 11.00	2.4	6/21/1997	0.074	117	1
CS7211#1	JIWWTP-CS_low	Jones Island	111.4 Combined	535	175.7	5/22/1991 11.00	17.9	6/21/1997	0.589	600	1
CS7212#1	JIWWTP-CS_low	Jones Island	5.7 Combined	0	8.4	5/22/1991 11.00	0.9	6/21/1997	0.031	84	1
CS7213#1	JIWWTP-CS_low	Jones Island	122.6 Combined	1211	193.6	5/22/1991 11.00	19.7	6/21/1997	0.642	1275	1



**Simulation Condition: 2020 Baseline**

Simulation Condition: 2020 Baseline					Actual 2003 I/I	101.0 MGD					
CS7214A1	JiWWTP-CS_low	Jones Island	5.0 Combined	0	8.4	5/22/1991 11.00	0.8	6/21/1997	0.020	0	1
CS7215#1	JiWWTP-CS_low	Jones Island	25.7 Combined	4	42.5	5/22/1991 11.00	4.3	6/21/1997	0.150	358	1
CS7215#2	JiWWTP-CS_low	Jones Island	39.9 Combined	0	67.9	5/22/1991 11.00	6.7	6/21/1997	0.157	0	1
CS7216#1	JiWWTP-CS_low	Jones Island	105.4 Combined	661	153.2	5/22/1991 11.00	15.9	6/21/1997	0.502	1291	1
CS7217#1	JiWWTP-CS_low	Jones Island	70.3 Combined	1819	107.1	5/22/1991 11.00	11.0	6/21/1997	0.438	1862	1
CS7218#1	JiWWTP-CS_low	Jones Island	108.4 Combined	1682	165.5	5/22/1991 11.00	17.2	6/21/1997	0.793	1962	1
CS7219A1	JiWWTP-CS_low	Jones Island	2.4 Combined	21	3.9	5/22/1991 11.00	0.4	6/21/1997	0.014	21	1
CS7220#1	JiWWTP-CS_low	Jones Island	17.5 Combined	35	28.0	5/22/1991 11.00	2.8	6/21/1997	0.085	35	1
CS7221#1	JiWWTP-CS_low	Jones Island	8.2 Combined	71	13.0	5/22/1991 11.00	1.3	6/21/1997	0.051	88	1
CS7222#1	JiWWTP-CS_low	Jones Island	6.7 Combined	0	11.2	5/22/1991 11.00	1.1	6/21/1997	0.039	0	1
CS7223#1	JiWWTP-CS_low	Jones Island	32.0 Combined	0	52.5	5/22/1991 11.00	5.3	6/21/1997	0.194	170	1
CS7224#1	JiWWTP-CS_low	Jones Island	11.4 Combined	0	18.7	5/22/1991 11.00	1.9	6/21/1997	0.063	0	1
CS7225#1	JiWWTP-CS_low	Jones Island	24.6 Combined	1	41.4	5/22/1991 11.00	4.1	6/21/1997	0.122	1	1
CS7227#1	JiWWTP-CS_low	Jones Island	41.1 Combined	64	64.0	5/22/1991 11.00	6.5	6/21/1997	0.165	80	1
CS7227#2	JiWWTP-CS_low	Jones Island	14.2 Combined	0	24.2	5/22/1991 11.00	2.4	6/21/1997	0.058	0	1
CS7228A1	JiWWTP-CS_low	Jones Island	26.5 Combined	869	41.1	5/22/1991 11.00	4.2	6/21/1997	0.184	894	1
CS7230#1	JiWWTP-CS_low	Jones Island	37.4 Combined	1042	55.9	5/22/1991 11.00	5.8	6/21/1997	0.234	1068	1
CS7231#1	JiWWTP-CS_low	Jones Island	12.3 Combined	48	19.5	5/22/1991 11.00	2.0	6/21/1997	0.066	48	1
CS7232#1	JiWWTP-CS_low	Jones Island	48.3 Combined	767	75.1	5/22/1991 11.00	7.7	6/21/1997	0.276	802	1
CS7233#1	JiWWTP-CS_low	Jones Island	36.0 Combined	595	56.4	5/22/1991 11.00	5.8	6/21/1997	0.209	626	1
CS7234#1	JiWWTP-CS_low	Jones Island	6.4 Combined	0	10.4	5/22/1991 11.00	1.0	6/21/1997	0.030	0	1
CS7234A1	JiWWTP-CS_low	Jones Island	69.7 Combined	2260	107.0	5/22/1991 11.00	11.1	6/21/1997	0.506	2310	1
CS7235#1	JiWWTP-CS_low	Jones Island	24.8 Combined	101	41.1	5/22/1991 11.00	4.1	6/21/1997	0.108	101	1
CS7236#1	JiWWTP-CS_low	Jones Island	15.1 Combined	153	24.9	5/22/1991 11.00	2.5	6/21/1997	0.084	174	1
CS7237#1	JiWWTP-CS_low	Jones Island	6.7 Combined	292	11.2	5/22/1991 11.00	1.1	6/21/1997	0.066	315	1
CS7238A1	JiWWTP-CS_low	Jones Island	23.3 Combined	0	36.2	5/22/1991 11.00	3.7	6/21/1997	0.091	20	1
CS7239#1	JiWWTP-CS_low	Jones Island	2.9 Combined	1	4.7	5/22/1991 11.00	0.5	6/21/1997	0.013	1	1
CS7239A1	JiWWTP-CS_low	Jones Island	3.8 Combined	0	5.8	5/22/1991 11.00	0.6	6/21/1997	0.013	0	1
CS7239B1	JiWWTP-CS_low	Jones Island	4.0 Combined	0	6.2	5/22/1991 11.00	0.6	6/21/1997	0.018	0	1
CS7240#1	JiWWTP-CS_low	Jones Island	14.2 Combined	195	23.2	5/22/1991 11.00	2.5	6/21/1997	0.286	195	1
CS7241#1	JiWWTP-CS_low	Jones Island	6.0 Combined	0	9.9	5/22/1991 11.00	1.0	6/21/1997	0.033	0	1
CS7242#1	JiWWTP-CS_low	Jones Island	23.7 Combined	19	39.0	5/22/1991 11.00	3.9	6/21/1997	0.135	26	1
CS7243#1	JiWWTP-CS_low	Jones Island	80.2 Combined	48	129.0	5/22/1991 11.00	13.2	6/21/1997	0.581	100	1
CS7244#1	JiWWTP-CS_low	Jones Island	18.0 Combined	64	30.4	5/22/1991 11.00	3.0	6/21/1997	0.089	64	1
CS7245#1	JiWWTP-CS_low	Jones Island	13.0 Combined	217	21.5	5/22/1991 11.00	2.2	6/21/1997	0.096	217	1
CS7246#1	JiWWTP-CS_low	Jones Island	36.7 Combined	204	60.2	5/22/1991 11.00	6.1	6/21/1997	0.233	500	1
CS7247#1	JiWWTP-CS_low	Jones Island	14.8 Combined	5	22.7	5/22/1991 11.00	2.3	6/21/1997	0.066	12	1
CS7248A1	JiWWTP-CS_low	Jones Island	42.0 Combined	0	66.9	5/22/1991 11.00	6.8	6/21/1997	0.236	508	1
CS7325#1	JiWWTP-CS_low	Jones Island	617.9 Combined	17149	932.2	5/22/1991 11.00	96.4	6/21/1997	3.939	17483	1
CS7327#1	JiWWTP-CS_low	Jones Island	115.8 Combined	1542	167.0	5/22/1991 11.00	17.3	6/21/1997	0.547	1624	1
CS7331#1	JiWWTP-CS_low	Jones Island	35.2 Combined	572	55.8	5/22/1991 11.00	5.7	6/21/1997	0.210	597	1
CS7335#1	JiWWTP-CS_low	Jones Island	13.4 Combined	262	20.8	5/22/1991 11.00	2.1	6/21/1997	0.076	298	1
CS7336#1	JiWWTP-CS_low	Jones Island	12.5 Combined	246	19.3	5/22/1991 11.00	2.0	6/21/1997	0.073	300	1
CS7337#1	JiWWTP-CS_low	Jones Island	370.0 Combined	5899	569.6	5/22/1991 11.00	58.2	6/21/1997	2.500	6871	1
CS7338#1	JiWWTP-CS_low	Jones Island	424.1 Combined	5950	635.6	5/22/1991 11.00	65.4	6/21/1997	2.184	7435	1
CS7339#1	JiWWTP-CS_low	Jones Island	63.7 Combined	1026	98.3	5/22/1991 11.00	10.1	6/21/1997	0.381	1118	1
CS7340#1	JiWWTP-CS_low	Jones Island	64.1 Combined	25	97.6	5/22/1991 11.00	10.0	6/21/1997	0.304	148	1
CS7341#1	JiWWTP-CS_low	Jones Island	14.9 Combined	146	23.1	5/22/1991 11.00	2.4	6/21/1997	0.080	149	1
CS7342#1	JiWWTP-CS_low	Jones Island	12.7 Combined	0	18.2	5/22/1991 11.00	1.9	6/21/1997	0.041	0	1
CS7343#1	JiWWTP-CS_low	Jones Island	7.7 Combined	24	9.9	5/22/1991 11.00	1.0	6/21/1997	0.023	24	1
CS7344A1	JiWWTP-CS_low	Jones Island	150.8 Combined	291	224.2	5/22/1991 11.00	22.9	6/21/1997	0.518	301	1
CS7344A2	JiWWTP-CS_low	Jones Island	37.2 Combined	790	59.4	5/22/1991 11.00	6.0	6/21/1997	0.227	820	1
CS7344A3	JiWWTP-CS_low	Jones Island	2.5 Combined	12	3.6	5/22/1991 11.00	0.4	6/21/1997	0.010	24	1
CS7344A4	JiWWTP-CS_low	Jones Island	7.2 Combined	0	10.0	5/22/1991 11.00	1.0	6/21/1997	0.019	0	1
CS7344A5	JiWWTP-CS_low	Jones Island	85.1 Combined	3096	130.7	5/22/1991 11.00	13.5	6/21/1997	0.619	3174	1
CS7344A6	JiWWTP-CS_low	Jones Island	297.4 Combined	7020	450.4	5/22/1991 11.00	46.4	6/21/1997	1.733	7076	1
CS7344A7	JiWWTP-CS_low	Jones Island	382.8 Combined	11653	593.2	5/22/1991 11.00	61.0	6/21/1997	2.610	11865	1
CS7345#1	JiWWTP-CS_low	Jones Island	21.7 Combined	185	34.1	5/22/1991 11.00	3.5	6/21/1997	0.130	0	1
CS7345#2	JiWWTP-CS_low	Jones Island	50.4 Combined	2109	78.5	5/22/1991 11.00	8.1	6/21/1997	0.413	2214	1
CS7345#3	JiWWTP-CS_low	Jones Island	14.7 Combined	542	23.4	5/22/1991 11.00	2.4	6/21/1997	0.116	560	1
CS7345A1	JiWWTP-CS_low	Jones Island	59.7 Combined	1358	92.6	5/22/1991 11.00	9.5	6/21/1997	0.379	1423	1
CS7346#1	JiWWTP-CS_low	Jones Island	36.0 Combined	129	55.8	5/22/1991 11.00	5.7	6/21/1997	0.179	134	1
CS7370#1	JiWWTP-CS_low	Jones Island	17.4 Combined	0	23.6	5/22/1991 11.00	2.5	6/21/1997	0.062	0	1
CS7380#1	JiWWTP-CS_low	Jones Island	58.1 Combined	0	90.6	5/22/1991 11.00	10.3	6/21/1997	1.481	0	1
CS7380#2	JiWWTP-CS_low	Jones Island	153.6 Combined	2720	230.6	5/22/1991 11.00	23.7	6/21/1997	0.829	2937	1
CS7381#1	JiWWTP-CS_low	Jones Island	45.2 Combined	656	67.4	5/22/1991 11.00	7.0	6/21/1997	0.248	849	1
CS7384B1	JiWWTP-CS_low	Jones Island									
CS7386#1	JiWWTP-CS_low	Jones Island	67.2 Combined	475	108.7	5/22/1991 11.00	11.0	6/21/1997	0.342	475	1
CS7387#1	JiWWTP-CS_low	Jones Island	38.0 Combined	0	55.3	5/22/1991 11.00	5.7	6/21/1997	0.155	0	1
CS7388#1	JiWWTP-CS_low	Jones Island	27.4 Combined	0	43.3	5/22/1991 11.00	4.4	6/21/1997	0.112	0	1
CS7390#1	JiWWTP-CS_low	Jones Island	16.2 Combined	0	24.6	5/22/1991 11.00	2.5	6/21/1997	0.073	0	1
CS7394#1	JiWWTP-CS_low	Jones Island	20.4 Combined	95	31.7	5/22/1991 11.00	3.2	6/21/1997	0.106	154	1
CS7396#1	JiWWTP-CS_low	Jones Island	69.8 Combined	572	109.6	5/22/1991 11.00	11.2	6/21/1997	0.398	587	1
CS7398#1	JiWWTP-CS_low	Jones Island	38.9 Combined	124	61.0	5/22/1991 11.00	6.2	6/21/1997	0.204	124	1
CS7399#1	JiWWTP-CS_low	Jones Island	16.0 Combined	152	25.4	5/22/1991 11.00	2.6	6/21/1997	0.094	152	1
CS7400#1	JiWWTP-CS_low	Jones Island	5.2 Combined	22	8.4	5/22/1991 11.00	0.8	6/21/1997	0.026	22	1
CS7400#2	JiWWTP-CS_low	Jones Island	21.5 Combined	348	33.9	5/22/1991 11.00	3.5	6/21/1997	0.135	391	1
CS7400A1	JiWWTP-CS_low	Jones Island	3.3 Combined	114	5.1	5/22/1991 11.00	0.5	6/21/1997	0.025	114	1
CS7401#1	JiWWTP-CS_low	Jones Island	11.1 Combined	0	17.3	5/22/1991 11.00	1.8	6/21/1997	0.062	163	1
CS7402#1	JiWWTP-CS_low	Jones Island	26.8 Combined	26	37.3	5/22/1991 11.00	3.9	6/21/1997	0.102	182	1
CS7403#1	JiWWTP-CS_low	Jones Island	31.9 Combined	11	48.9	5/22/1991 11.00	5.0	6/21/1997	0.144	11	1



**Simulation Condition: 2020 Baseline**

				Actual 2003 I/I	101.0 MGD						
CS7403A1	JWWTP-CS_low	Jones Island	3.3 Combined	0	5.4	5/22/1991 11:00	0.5	6/21/1997	0.017	0	1
CS7404#1	JWWTP-CS_low	Jones Island	48.1 Combined	66	71.2	5/22/1991 11:00	7.3	6/21/1997	0.215	221	1
CS7405#1	JWWTP-CS_low	Jones Island	7.9 Combined	4	12.4	5/22/1991 11:00	1.3	6/21/1997	0.036	4	1
CS7406#1	JWWTP-CS_low	Jones Island	8.8 Combined	0	14.3	5/22/1991 11:00	1.4	6/21/1997	0.048	38	1
CS7407#1	JWWTP-CS_low	Jones Island	26.2 Combined	2	36.5	5/22/1991 11:00	3.8	6/21/1997	0.101	2	1
GL5001	MS0508	Jones Island	147.5 Separated	132	1.8	5/10/1990 8:00	1.5	5/10/1990	0.185	618	1
GL5002	MS0505-SS	Jones Island	159.0 Separated	805	1.0	5/10/1990 9:00	0.8	4/20/1993	0.263	827	1
GL5004	MS0505-SS	Jones Island	267.5 Separated	1554	1.7	5/10/1990 9:00	1.5	4/20/1993	0.521	1531	1
GL5007	MS0505-SS	Jones Island	319.0 Separated	233	2.1	5/10/1990 9:00	1.9	4/20/1993	0.695	285	1
GL5008	MS0526	Jones Island	139.6 Separated	1008	7.0	5/22/1991 11:00	1.2	6/21/1997	0.202	1001	1
GL5009	MS0503	Jones Island	65.2 Separated	459	1.6	5/10/1990 9:00	1.3	5/10/1990	0.174	470	1
GL5011	MS0505-SS	Jones Island	107.3 Separated	148	0.9	5/10/1990 8:00	0.8	4/20/1993	0.263	526	1
GL5012	MS0505-SS	Jones Island	155.2 Separated	600	1.3	5/10/1990 8:00	1.1	4/20/1993	0.452	928	1
GL5013	MS0505-SS	Jones Island	42.3 Separated	677	0.3	5/10/1990 11:00	0.3	4/20/1993	0.133	664	1
GL5014	MS0504-SS	Jones Island	175.3 Separated	402	2.4	5/10/1990 8:00	2.0	5/10/1990	0.352	398	1
GL5016	MS0504-SS	Jones Island	228.5 Separated	3	3.3	5/10/1990 8:00	2.7	5/10/1990	0.613	3	1
GL5018	MS0508	Jones Island	215.0 Separated	869	2.2	5/10/1990 8:00	1.8	5/10/1990	0.153	864	1
GL5023	MS0505-SS	Jones Island	345.0 Separated	963	4.4	5/10/1990 9:00	3.7	5/10/1990	0.515	996	1
GL5054	MS0505-SS	Jones Island	212.1 Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
MI5023	MS0516	Jones Island	489.7 Separated	5542	3.4	5/10/1990 8:00	2.7	5/10/1990	0.722	5144	1
MI5024	MS0515	Jones Island	223.2 Separated	3915	8.9	5/10/1990 8:00	7.2	5/10/1990	0.647	3723	1
MI5025	MS0504-SS	Jones Island	280.1 Separated	4196	4.6	5/10/1990 9:00	3.8	5/10/1990	0.823	3863	1
MI5045	MS0514	Jones Island	112.5 Separated	1985	6.1	5/22/1991 11:00	3.3	5/10/1990	0.546	2158	1
MI5048	MS0514	Jones Island	531.5 Separated	10433	29.3	5/22/1991 11:00	15.5	5/10/1990	2.910	9324	1
MI5049	MS0513	Jones Island	142.2 Separated	1901	7.6	5/10/1990 9:00	6.3	5/10/1990	0.848	1845	1
MI5050	MS0504-SS	Jones Island	88.6 Separated	947	1.5	5/10/1990 9:00	1.2	5/10/1990	0.285	870	1
MI5051	MS0511	Jones Island	369.0 Separated	5571	11.3	5/10/1990 8:00	9.1	5/10/1990	0.943	5425	1
MI5052	MS0512	Jones Island	94.3 Separated	1393	1.6	5/10/1990 7:00	1.4	5/10/1990	0.469	1311	1
MI5053	MS0510	Jones Island	189.1 Separated	1385	4.0	5/10/1990 8:00	3.3	5/10/1990	0.727	1295	1
MI5054	MS0504-SS	Jones Island	330.1 Separated	4416	33.7	5/22/1991 11:00	7.0	6/21/1997	0.953	4050	1
MI5056	MS0504-SS	Jones Island	208.4 Separated	1475	2.9	5/10/1990 9:00	2.4	5/10/1990	0.486	1435	1
MI5057	MS0504-SS	Jones Island	171.4 Separated	348	2.7	5/10/1990 9:00	2.2	5/10/1990	0.379	347	1
MI5058	MS0528	Jones Island	240.9 Separated	3313	6.2	5/10/1990 8:00	5.0	5/10/1990	0.662	3083	1
MI5059	MS0503	Jones Island	544.9 Separated	4716	6.4	5/10/1990 9:00	5.4	5/10/1990	1.748	4708	1
MI5060	MS0505-SS	Jones Island	124.6 Separated	567	0.9	5/10/1990 9:00	0.7	4/20/1993	0.215	683	1
MI5069	JWWTP-SS_high	Jones Island	482.6 Separated	2368	8.2	5/10/1990 8:00	7.5	4/20/1993	4.731	2740	1
MI5115	MS0504-SS	Jones Island	72.9 Separated	424	1.0	5/10/1990 9:00	0.9	5/10/1990	0.190	457	1
MI5143	MS0505-SS	Jones Island	68.9 Separated	276	0.4	5/10/1990 9:00	0.4	4/20/1993	0.104	280	1
MI5144	MS0526	Jones Island	75.7 Separated	969	3.9	5/22/1991 11:00	0.7	6/21/1997	0.146	805	1
MI5145	MS0527	Jones Island	104.8 Separated	1399	3.9	6/21/1997 8:00	2.5	5/10/1990	0.365	1255	1
MI5157	MS0504-SS	Jones Island	185.7 Separated	2778	5.7	5/10/1990 9:00	4.7	5/10/1990	0.572	2790	1
MI5162	MS0504-SS	Jones Island	156.2 Separated	870	2.5	5/10/1990 8:00	2.0	5/10/1990	0.375	858	1
MI5167	JWWTP-LF_high	Jones Island	7.6 Separated	0	0.0	5/10/1990 7:00	0.0	5/10/1990	0.006	33	1
MI5169	JWWTP-SS_high	Jones Island	102.3 Separated	430	1.5	5/10/1990 9:00	1.3	5/10/1990	0.204	429	1
MI5170	MS0503	Jones Island	243.5 Separated	2236	2.8	5/10/1990 8:00	2.3	5/10/1990	0.667	2363	1
MI5173	JWWTP-LF_high	Jones Island	192.9 Separated	0	0.8	5/10/1990 9:00	0.8	5/10/1990	0.662	0	1
MI5174	JWWTP-LF_high	Jones Island	111.7 Separated	3	0.3	5/10/1990 9:00	0.2	5/10/1990	0.043	3	1
MI5300	MS0501-SS	Jones Island	477.0 Separated	8248	11.3	5/22/1991 11:00	5.3	5/10/1990	1.469	8231	1
MI6072	MS0603	Jones Island	212.4 Separated	1619	5.1	5/22/1991 11:00	2.6	5/10/1990	0.872	1648	1
MI6108	JWWTP-SS_high	Jones Island	66.5 Separated	279	1.6	5/10/1990 8:00	1.3	5/10/1990	0.103	293	1
MI6112	MS0603	Jones Island	197.4 Separated	2178	4.5	5/22/1991 11:00	2.1	5/10/1990	0.449	1963	1
MI6165	JWWTP-SS_high	Jones Island	177.7 Separated	0	0.0	1/2/1988 7:00	0.0	1/2/1988	0.000	0	1
MI6166	JWWTP-SS_high	Jones Island	23.0 Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
MI7070	JWWTP-SS_low	Jones Island	666.0 Separated	1193	15.2	5/22/1991 11:00	7.5	5/10/1990	1.928	1257	1
MI7109	MS0703	Jones Island	365.7 Separated	3303	18.6	5/22/1991 11:00	3.8	6/21/1997	0.591	3915	1
MI7111	MS0704	Jones Island	49.6 Separated	860	1.2	5/22/1991 11:00	0.5	5/10/1990	0.171	1140	1
MI7149	JWWTP-SS_low	Jones Island	12.5 Separated	33	0.7	5/22/1991 11:00	0.3	5/10/1990	0.030	33	1
MI7163	JWWTP-SS_low	Jones Island	44.6 Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
MI7164	JWWTP-SS_low	Jones Island	115.9 Separated	0	0.2	5/10/1990 7:00	0.2	5/10/1990	0.134	0	1
MI7171	JWWTP-SS_low	Jones Island	131.3 Separated	5	6.9	5/22/1991 11:00	3.5	5/10/1990	0.297	5	1
MI7172	JWWTP-SS_low	Jones Island	80.4 Separated	0	1.9	5/22/1991 11:00	1.0	5/10/1990	0.315	0	1
MI7175	JWWTP-LF_low	Jones Island	229.8 Separated	521	0.3	5/10/1990 9:00	0.2	5/10/1990	0.039	570	1
MI7176	JWWTP-LF_low	Jones Island	113.7 Separated	0	0.7	5/10/1990 9:00	0.6	5/10/1990	0.052	0	1
MI7177	JWWTP-LF_low	Jones Island	672.1 Separated	2	4.0	5/10/1990 8:00	3.2	5/10/1990	0.983	2217	1
MI7178	JWWTP-LF_low	Jones Island	75.8 Separated	13	0.0	5/10/1990 9:00	0.0	5/10/1990	0.003	13	1
MI7301	JWWTP-MV	Jones Island	22.7 Separated	0	0.1	5/10/1990 11:00	0.1	5/10/1990	0.041	0	1
MI7302	JWWTP-MV	Jones Island	33.9 Separated	0	0.1	4/21/1993 13:00	0.1	4/21/1993	0.065	0	1
MI7303	JWWTP-MV	Jones Island	14.4 Separated	0	0.9	5/10/1990 11:00	0.9	5/10/1990	0.813	0	1
MI7304	JWWTP-MV	Jones Island	20.1 Separated	0	0.3	5/10/1990 9:00	0.2	5/10/1990	0.049	0	1
MI7305	JWWTP-MV	Jones Island	106.0 Separated	0	0.3	5/10/1990 7:00	0.2	5/10/1990	0.148	0	1
MI7306	JWWTP-MV	Jones Island	12.8 Separated	0	0.2	5/10/1990 9:00	0.2	5/10/1990	0.038	0	1
RH5006	MS0505-SS	Jones Island	126.5 Separated	150	1.6	5/10/1990 9:00	1.3	5/10/1990	0.151	152	1
SF7001	MS0704	Jones Island	311.9 Separated	2390	6.7	5/22/1991 11:00	2.2	5/10/1990	0.536	2687	1
SF7002	MS0704	Jones Island	172.5 Separated	261	3.6	5/22/1991 11:00	1.2	5/10/1990	0.200	603	1
SF7012	MS0704	Jones Island	46.2 Separated	0	0.2	5/10/1990 7:00	0.2	5/10/1990	0.060	297	1
SH5001	MS0522	Jones Island	88.8 Separated	1335	7.3	5/22/1991 11:00	1.9	5/10/1990	0.284	1310	1
SH5002	MS0505-SS	Jones Island	57.3 Separated	525	0.4	5/10/1990 11:00	0.4	4/20/1993	0.153	539	1
SH5003	MS0505-SS	Jones Island	53.7 Separated	1170	0.5	5/10/1990 11:00	0.4	4/20/1993	0.211	1145	1
SH5005	MS0505-SS	Jones Island	19.4 Separated	275	0.1	5/10/1990 11:00	0.1	4/20/1993	0.056	270	1
SH5006	MS0523	Jones Island	163.9 Separated	2379	12.4	5/22/1991 11:00	1.9	6/21/1997	0.339	2422	1
SH5007	MS0505-SS	Jones Island	65.1 Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1



**Simulation Condition: 2020 Baseline**

				Actual 2003 I/I	101.0 MGD						
SH5008	JWWTP-LF_high	Jones Island	47.6 Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
SH5009	MS0505-SS	Jones Island	222.4 Separated	3412	18.5	5/22/1991 11:00	4.9	5/10/1990	0.769	3449	1
WA5025	JWWTP-SS_high	Jones Island	10.0 Separated	176	0.2	6/21/1997 8:00	0.1	5/10/1990	0.028	172	1
WB5001	MS0505-SS	Jones Island	110.7 Separated	1611	0.9	5/10/1990 11:00	0.7	4/20/1993	0.329	1642	1
WB5002	MS0505-SS	Jones Island	87.3 Separated	915	0.7	5/10/1990 11:00	0.6	4/20/1993	0.236	1062	1
WB5003	MS0523	Jones Island	86.6 Separated	1068	6.5	5/22/1991 11:00	0.9	6/21/1997	0.151	1051	1
WB5004	MS0524	Jones Island	256.5 Separated	1703	5.8	6/21/1997 8:00	3.6	5/10/1990	0.564	1687	1
WB5005	MS0507	Jones Island	269.5 Separated	3160	4.7	6/21/1997 8:00	3.6	5/10/1990	0.699	3099	1
WB5007	MS0507	Jones Island	314.1 Separated	3624	5.7	6/21/1997 8:00	4.4	5/10/1990	0.896	4055	1
WB5008	MS0525	Jones Island	202.8 Separated	1483	3.0	5/10/1990 8:00	2.4	5/10/1990	0.382	1508	1
WB5009	MS0505-SS	Jones Island	35.8 Separated	599	0.3	5/10/1990 11:00	0.2	4/20/1993	0.116	603	1
WE6019	MS0103	Jones Island	95.3 Separated	1412	5.5	5/22/1991 11:00	1.5	5/10/1990	0.315	1811	1
WE6021	MS0604	Jones Island	272.5 Separated	3698	15.9	5/22/1991 11:00	4.7	5/10/1990	1.013	5900	1
WE6024	MS0603	Jones Island	14.6 Separated	266	0.3	5/22/1991 11:00	0.2	5/10/1990	0.035	260	1
WM6001	MS0603	Jones Island	211.1 Separated	524	4.6	5/22/1991 11:00	2.2	5/10/1990	0.402	513	1
WM6002	MS0604	Jones Island	45.0 Separated	889	2.6	5/22/1991 11:00	0.6	6/21/1997	0.119	873	1
WM6003	MS0603	Jones Island	141.0 Separated	458	3.2	5/22/1991 11:00	1.7	5/10/1990	0.369	838	1
WM6010	MS0605	Jones Island	32.5 Separated	610	1.5	5/22/1991 11:00	0.4	6/21/1997	0.057	607	1
WM6011	MS0606	Jones Island	85.7 Separated	1606	12.2	5/22/1991 11:00	2.3	6/21/1997	0.379	1686	1
WM7005	JWWTP-SS_low	Jones Island	22.1 Separated	0	0.5	5/22/1991 11:00	0.3	5/10/1990	0.090	0	1
WM7007	JWWTP-SS_low	Jones Island	28.2 Separated	99	0.7	5/22/1991 11:00	0.4	5/10/1990	0.118	97	1
<b>SSWWTP</b>											
CS4188#1	MS0401-CS	South Shore	339.3 Combined	5485	522.0	5/22/1991 11:00	53.5	6/21/1997	1.909	6300	1
CS7183#1	JWWTP-CS_low	South Shore	49.0 Combined	545	76.3	5/22/1991 11:00	7.8	6/21/1997	0.244	583	1
BA4001	MS0441	South Shore	167.0 Separated	683	0.9	5/22/1991 11:00	0.5	5/10/1990	0.102	711	1
BA4002	MS0440	South Shore	418.0 Separated	1322	4.6	6/21/1997 8:00	2.8	5/10/1990	0.369	1316	1
BA4003	MS0440	South Shore	304.7 Separated	291	3.2	6/21/1997 8:00	1.9	5/10/1990	0.168	285	1
BA4004	MS0404	South Shore	205.4 Separated	830	5.4	5/10/1990 8:00	4.4	5/10/1990	0.212	816	1
BA4005	MS0409	South Shore	24.9 Separated	49	0.1	5/10/1990 8:00	0.1	5/10/1990	0.012	48	1
BA4006	MS0440	South Shore	150.7 Separated	317	1.6	6/21/1997 8:00	1.0	5/10/1990	0.094	319	1
BA4007	MS0409	South Shore	39.9 Separated	33	0.2	5/10/1990 8:00	0.1	5/10/1990	0.014	32	1
BA4008	MS0404	South Shore	152.5 Separated	615	4.0	5/10/1990 8:00	3.2	5/10/1990	0.157	603	1
BA4009	MS0406	South Shore	76.4 Separated	378	2.0	5/10/1990 8:00	1.6	5/10/1990	0.168	380	1
BD4001	MS0401-SS	South Shore	386.6 Separated	913	6.5	5/10/1990 9:00	5.4	5/10/1990	1.074	1056	1
BD4002	MS0401-SS	South Shore	393.2 Separated	1982	6.5	5/10/1990 9:00	5.4	5/10/1990	0.935	2327	1
BD4003	MS0432	South Shore	315.1 Separated	1255	3.5	5/10/1990 8:00	2.9	5/10/1990	0.523	1458	1
BD4004	MS0413	South Shore	323.2 Separated	1908	2.7	5/10/1990 8:00	2.2	5/10/1990	0.476	1891	1
BD4005	MS0413	South Shore	255.3 Separated	1419	2.2	5/10/1990 8:00	1.8	5/10/1990	0.400	1402	1
BD4006	MS0431	South Shore	568.8 Separated	2138	10.0	5/10/1990 8:00	8.1	5/10/1990	1.087	2321	1
BD4007	MS0413	South Shore	104.4 Separated	575	0.9	5/10/1990 8:00	0.8	5/10/1990	0.163	660	1
BD4009	MS0401-SS	South Shore	67.1 Separated	440	1.1	5/10/1990 9:00	0.9	5/10/1990	0.154	495	1
BD4010	MS0433	South Shore	7.2 Separated	21	0.0	4/20/1993 7:00	0.0	4/20/1993	0.006	24	1
BD4011	MS0431	South Shore	163.1 Separated	0	0.0	1/2/1988 7:00	0.0	1/2/1988	0.000	0	1
BR3001	MS0337	South Shore	698.9 Separated	2427	9.2	6/21/1997 8:00	6.6	5/10/1990	0.924	2459	1
BR3002	MS0301	South Shore	138.0 Separated	236	1.1	5/10/1990 7:00	0.8	5/10/1990	0.223	842	1
BR3003	MS0301	South Shore	475.9 Separated	1034	2.4	5/10/1990 7:00	1.9	5/10/1990	0.354	1092	1
BR3004	MS0341	South Shore	311.4 Separated	140	4.5	5/10/1990 8:00	3.7	5/10/1990	0.703	605	1
BR3005	MS0312	South Shore	632.2 Separated	1775	2.7	5/10/1990 7:00	2.2	5/10/1990	0.399	1862	1
BR3006	MS0335	South Shore	1183.6 Separated	2640	6.1	4/20/1993 7:00	5.5	4/20/1993	0.902	2672	1
BR3007	MS0306	South Shore	591.5 Separated	854	8.4	6/21/1997 8:00	6.6	5/10/1990	0.913	1926	1
BR3008	MS0334	South Shore	1400.1 Separated	3712	6.7	5/10/1990 8:00	5.9	4/20/1993	1.442	3880	1
BR3009	MS0312	South Shore	1216.9 Separated	2977	5.7	5/10/1990 8:00	4.6	5/10/1990	0.732	3367	1
BR3010	MS0335	South Shore	628.4 Separated	688	3.9	5/10/1990 7:00	3.4	4/20/1993	0.762	1479	1
BR3011	MS0329	South Shore	94.2 Separated	188	0.8	4/20/1993 7:00	0.7	4/20/1993	0.191	186	1
BR3013	MS0303	South Shore	316.7 Separated	505	3.0	5/10/1990 7:00	2.4	5/10/1990	0.420	705	1
BU3001	MS0313	South Shore	361.5 Separated	1881	1.5	5/10/1990 11:00	1.3	4/20/1993	0.697	1908	1
BU3002	MS0303	South Shore	147.5 Separated	0	1.3	5/10/1990 7:00	1.1	5/10/1990	0.185	0	1
CU1003	MS0110	South Shore	359.3 Separated	2044	5.4	6/21/1997 8:00	3.9	5/10/1990	0.793	2922	1
CU1004	MS0101	South Shore	97.5 Separated	287	1.9	5/10/1990 8:00	1.6	5/10/1990	0.138	287	1
CU1017	MS0101	South Shore	352.0 Separated	442	7.1	5/10/1990 8:00	5.8	5/10/1990	0.553	519	1
CU1020	SSWWTP	South Shore	51.7 Separated	0	0.6	5/22/1991 11:00	0.2	6/21/1997	0.079	0	1
CV2001	SSWWTP	South Shore	637.8 Separated	756	6.7	5/22/1991 11:00	2.6	5/10/1990	0.470	1371	1
EG3001	MS0332	South Shore	230.7 Separated	946	9.5	5/22/1991 11:00	3.7	5/10/1990	0.366	952	1
EG3002	MS0306	South Shore	358.3 Separated	1121	4.2	6/21/1997 8:00	2.8	5/10/1990	0.365	1135	1
EG3003	MS0330	South Shore	27.7 Separated	109	0.4	5/10/1990 8:00	0.3	5/10/1990	0.047	109	1
EG3004	MS0306	South Shore	246.2 Separated	517	2.9	6/21/1997 8:00	2.0	5/10/1990	0.269	762	1
EG3005	MS0331	South Shore	311.0 Separated	989	9.8	6/21/1997 8:00	5.7	5/10/1990	0.480	1389	1
EG3006	MS0335	South Shore	229.9 Separated	725	1.2	4/20/1993 7:00	1.1	4/20/1993	0.184	730	1
EG3007	MS0306	South Shore	475.6 Separated	1294	6.2	6/21/1997 8:00	4.4	5/10/1990	0.782	2443	1
EG3008	MS0333	South Shore	223.2 Separated	548	2.2	5/10/1990 8:00	1.8	4/20/1993	0.278	593	1
FP4001	MS0404	South Shore	293.0 Separated	1487	7.8	5/10/1990 8:00	6.3	5/10/1990	0.379	1456	1
FP4002	MS0406	South Shore	126.5 Separated	677	3.2	5/10/1990 8:00	2.7	5/10/1990	0.286	673	1
FP4003	MS0439	South Shore	342.5 Separated	934	2.5	5/10/1990 8:00	2.1	5/10/1990	0.297	950	1
FP4004	MS0404	South Shore	240.8 Separated	1002	6.4	5/10/1990 8:00	5.1	5/10/1990	0.266	998	1
FP4007	MS0403	South Shore	6.6 Separated	53	0.7	5/22/1991 11:00	0.2	5/10/1990	0.009	52	1
FP4009	MS0404	South Shore	47.9 Separated	271	1.3	5/10/1990 8:00	1.0	5/10/1990	0.063	282	1
FR1011	MS0111	South Shore	33.3 Separated	279	1.5	5/22/1991 11:00	0.3	6/21/1997	0.045	275	1
FR2001	MS0224	South Shore	2429.3 Separated	3913	13.2	5/22/1991 11:00	5.8	5/10/1990	1.177	5550	1
FR2002	MS0204	South Shore	658.9 Separated	2886	3.7	5/22/1991 11:00	1.8	5/10/1990	0.447	2863	1
FR2003	MS0220	South Shore	1213.6 Separated	1456	5.4	6/21/1997 8:00	4.0	5/10/1990	0.898	2596	1





**Simulation Condition: 2020 Baseline**

				Actual 2003 I/I		101.0 MGD					
FR2004	MS0201	South Shore	824.4 Separated	750	2.0	5/10/1990 8:00	1.6	4/20/1993	0.245	867	1
FR2005	MS0219	South Shore	2494.3 Separated	4689	15.0	5/10/1990 7:00	12.3	5/10/1990	2.934	9822	1
FR2006	MS0207	South Shore	1313.4 Separated	2378	7.7	5/22/1991 11:00	4.0	5/10/1990	1.072	4102	1
FR2007	MS0201	South Shore	423.2 Separated	0	1.6	5/10/1990 7:00	1.2	5/10/1990	0.460	0	1
FR2008	MS0218	South Shore	895.0 Separated	1616	5.6	6/21/1997 8:00	4.2	5/10/1990	0.634	2077	1
FR2009	MS0217	South Shore	481.9 Separated	1378	10.1	5/22/1991 11:00	3.9	5/10/1990	0.539	1696	1
FR2011	MS0208	South Shore	58.2 Separated	695	0.8	5/10/1990 7:00	0.6	5/10/1990	0.113	724	1
FR2012	MS0201	South Shore	971.8 Separated	1791	3.6	5/10/1990 8:00	2.9	5/10/1990	0.550	2843	1
FR2013	MS0201	South Shore	527.5 Separated	1103	1.6	5/10/1990 8:00	1.3	5/10/1990	0.267	1367	1
FR2015	MS0201	South Shore	869.2 Separated	280	2.6	5/10/1990 7:00	2.1	5/10/1990	0.497	434	1
FR2016	MS0201	South Shore	668.2 Separated	1082	3.0	5/10/1990 7:00	2.4	5/10/1990	0.695	2776	1
FR2017	MS0201	South Shore	855.1 Separated	291	3.7	5/10/1990 8:00	3.1	5/10/1990	0.533	1002	1
FR2019	MS0204	South Shore	430.7 Separated	129	0.4	5/10/1990 8:00	0.3	5/10/1990	0.050	164	1
FR2020	MS0201	South Shore	6005.2 Separated	564	3.1	5/10/1990 7:00	2.5	5/10/1990	0.584	1193	1
FR2021	MS0207	South Shore	656.3 Separated	2329	4.0	5/22/1991 11:00	2.1	5/10/1990	0.714	3069	1
FR2022	MS0207	South Shore	130.6 Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
FR2023	MS0202	South Shore	142.2 Separated	6	0.0	5/10/1990 8:00	0.0	5/10/1990	0.005	15	1
FR2024	MS0201	South Shore	115.3 Separated	1879	1.0	5/10/1990 7:00	0.8	5/10/1990	0.264	1879	1
GD2001	MS0202	South Shore	474.3 Separated	1566	2.6	5/22/1991 11:00	1.2	4/20/1993	0.263	1667	1
GD2004	MS0202	South Shore	181.2 Separated	30	1.2	5/22/1991 11:00	0.6	5/10/1990	0.251	65	1
GD2005	MS0202	South Shore	114.5 Separated	295	0.6	5/22/1991 11:00	0.3	4/20/1993	0.053	289	1
GD2006	MS0223	South Shore	159.3 Separated	906	1.8	5/22/1991 11:00	0.8	5/10/1990	0.182	897	1
GD2008	MS0202	South Shore	251.8 Separated	1044	1.4	5/22/1991 11:00	0.6	4/20/1993	0.157	1033	1
GD2009	MS0222	South Shore	841.9 Separated	4803	8.0	6/21/1997 8:00	4.7	5/10/1990	1.151	4777	1
GD2012	MS0221	South Shore	768.2 Separated	4646	7.0	5/22/1991 11:00	3.8	5/10/1990	0.848	4561	1
GD2016	MS0208	South Shore	156.9 Separated	1097	1.9	6/21/1997 8:00	1.5	5/10/1990	0.199	1081	1
GD2018	MS0202	South Shore	616.6 Separated	18	0.1	5/10/1990 7:00	0.1	5/10/1990	0.029	26	1
GE3001	MS0310	South Shore	2024.0 Separated	2167	5.7	5/10/1990 7:00	4.5	5/10/1990	1.290	2749	1
GE3002	MS0352	South Shore	1106.3 Separated	4365	5.1	5/10/1990 7:00	4.1	5/10/1990	0.928	5034	1
GE3003	MS0353	South Shore	670.7 Separated	490	1.4	5/10/1990 8:00	1.2	5/10/1990	0.682	549	1
GE3004	MS0310	South Shore	1473.4 Separated	290	3.6	5/10/1990 7:00	2.7	5/10/1990	1.080	784	1
GE3005	MS0310	South Shore	1382.7 Separated	3701	4.6	5/10/1990 7:00	3.7	5/10/1990	0.989	5936	1
GE3006	MS0310	South Shore	2273.1 Separated	4941	5.5	5/10/1990 7:00	4.3	5/10/1990	1.548	6172	1
GE3007	MS0310	South Shore	6908.6 Separated	1636	8.7	5/10/1990 7:00	6.9	5/10/1990	1.821	3183	1
GE3008	MS0310	South Shore	6189.4 Separated	670	2.5	5/10/1990 8:00	2.1	5/10/1990	0.425	1052	1
GF1004	MS0105	South Shore	510.9 Separated	3542	8.0	6/21/1997 8:00	6.0	5/10/1990	0.808	3479	1
GF1005	MS0105	South Shore	528.6 Separated	2980	8.2	6/21/1997 8:00	6.2	5/10/1990	0.754	3057	1
GF1006	MS0105	South Shore	730.3 Separated	3828	11.4	6/21/1997 8:00	8.7	5/10/1990	1.039	4441	1
GF1011	MS0113	South Shore	582.5 Separated	2401	12.1	5/22/1991 11:00	3.0	6/21/1997	0.596	2745	1
GF1013	MS0111	South Shore	10.7 Separated	2	0.5	5/22/1991 11:00	0.1	6/21/1997	0.010	2	1
GF1014	MS0111	South Shore	53.6 Separated	272	2.4	5/22/1991 11:00	0.5	6/21/1997	0.055	275	1
GF1016	MS0112	South Shore	109.1 Separated	735	3.3	5/22/1991 11:00	1.3	5/10/1990	0.099	427	1
GF1036	MS0102	South Shore	81.8 Separated	632	2.7	6/21/1997 8:00	1.6	5/10/1990	0.142	641	1
GF2001	MS0234	South Shore	867.5 Separated	2677	5.4	5/22/1991 11:00	3.3	5/10/1990	1.111	3262	1
GF2002	MS0233	South Shore	715.8 Separated	4544	5.3	6/21/1997 8:00	3.7	5/10/1990	0.914	5193	1
GF2003	MS0205	South Shore	680.2 Separated	1702	2.1	5/10/1990 7:00	1.6	5/10/1990	0.492	1942	1
GF2012	MS0208	South Shore	283.6 Separated	2235	3.8	5/10/1990 8:00	3.1	5/10/1990	0.472	2464	1
GF2020	MS0231	South Shore	329.6 Separated	1487	7.0	5/22/1991 11:00	1.8	6/21/1997	0.410	1467	1
GF2022	MS0203	South Shore	117.1 Separated	38	0.8	5/10/1990 8:00	0.7	5/10/1990	0.139	37	1
GF2023	MS0212	South Shore	13.0 Separated	172	0.2	6/21/1997 8:00	0.1	5/10/1990	0.028	172	1
GF2026	MS0202	South Shore	125.4 Separated	205	0.7	5/22/1991 11:00	0.4	4/20/1993	0.102	246	1
GF2027	MS0230	South Shore	38.3 Separated	0	0.3	5/10/1990 9:00	0.3	5/10/1990	0.023	0	1
GF2033	MS0203	South Shore	218.4 Separated	684	1.9	5/10/1990 8:00	1.6	5/10/1990	0.210	1198	1
GF2034	MS0232	South Shore	24.1 Separated	185	0.2	6/21/1997 8:00	0.2	5/10/1990	0.052	183	1
GF2035	MS0205	South Shore	446.9 Separated	978	1.2	5/10/1990 8:00	0.9	5/10/1990	0.234	1002	1
GF2037	MS0208	South Shore	8.0 Separated	11	0.1	5/10/1990 7:00	0.0	5/10/1990	0.011	62	1
GF6032	MS0102	South Shore	109.6 Separated	0	0.0	1/2/1988 7:00	0.0	1/2/1988	0.006	0	1
GL4024	MS0401-SS	South Shore	9.5 Separated	78	0.2	5/10/1990 9:00	0.1	5/10/1990	0.022	76	1
GL4025	MS0437	South Shore	401.7 Separated	1939	3.4	5/10/1990 8:00	2.9	4/20/1993	0.567	1951	1
GL4031	MS0404	South Shore	10.1 Separated	48	0.3	5/10/1990 8:00	0.2	5/10/1990	0.014	47	1
GL4053	MS0430	South Shore	92.5 Separated	146	0.9	5/10/1990 8:00	0.7	4/20/1993	0.212	143	1
GL4055	MS0403	South Shore	72.4 Separated	281	7.2	5/22/1991 11:00	1.7	5/10/1990	0.082	276	1
HC2001	MS0202	South Shore	171.0 Separated	349	1.0	5/22/1991 11:00	0.5	4/20/1993	0.113	515	1
HC2002	MS0232	South Shore	171.2 Separated	637	1.4	6/21/1997 8:00	1.1	5/10/1990	0.287	666	1
HC2003	MS0228	South Shore	181.7 Separated	766	4.0	5/22/1991 11:00	2.0	5/10/1990	0.351	1225	1
HC2004	MS0209	South Shore	383.4 Separated	1862	4.4	5/10/1990 8:00	3.6	5/10/1990	0.453	2069	1
HC2005	MS0229	South Shore	158.0 Separated	625	4.1	5/22/1991 11:00	0.9	6/21/1997	0.178	700	1
HC2006	MS0230	South Shore	294.1 Separated	983	3.6	5/10/1990 8:00	3.0	5/10/1990	0.457	1418	1
HC2007	MS0205	South Shore	45.7 Separated	104	0.2	5/10/1990 7:00	0.1	5/10/1990	0.050	138	1
HC2008	MS0204	South Shore	249.8 Separated	20	0.0	5/10/1990 7:00	0.0	5/10/1990	0.003	20	1
HC2009	MS0209	South Shore	391.0 Separated	2419	4.8	5/10/1990 8:00	3.9	5/10/1990	0.725	3270	1
ME3008	MS0308	South Shore	909.2 Separated	850	3.4	5/10/1990 8:00	2.8	5/10/1990	0.351	972	1
ME3013	MS0308	South Shore	5140.7 Separated	826	3.1	5/10/1990 7:00	2.3	5/10/1990	0.853	821	1
ME4001	MS0445	South Shore	1660.9 Separated	2571	10.2	5/22/1991 11:00	4.0	5/10/1990	0.636	3111	1
ME4002	MS0443	South Shore	918.4 Separated	1399	5.1	5/22/1991 11:00	2.0	5/10/1990	0.495	1520	1
ME4003	MS0444	South Shore	1432.8 Separated	2355	15.0	5/22/1991 11:00	3.8	6/21/1997	0.742	2667	1
ME4004	MS0409	South Shore	2497.7 Separated	4579	14.5	5/10/1990 8:00	11.9	5/10/1990	1.882	6034	1
ME4005	MS0442	South Shore	342.3 Separated	796	1.8	5/22/1991 11:00	0.9	4/20/1993	0.241	797	1
ME4006	MS0434	South Shore	1238.7 Separated	1724	7.6	5/10/1990 8:00	6.3	5/10/1990	0.815	1958	1
ME4008	MS0408	South Shore	3753.8 Separated	3558	39.6	5/22/1991 11:00	11.6	5/10/1990	2.234	4499	1
ME4010	MS0435	South Shore	2017.1 Separated	2220	3.7	5/10/1990 8:00	3.0	5/10/1990	0.620	2905	1



**Simulation Condition: 2020 Baseline**

				Actual 2003 I/I	101.0 MGD						
ME4011	MS0436	South Shore	60.5 Separated	109	0.4	4/20/1993 4.00	0.3	4/20/1993	0.055	115	1
ME4012	MS0409	South Shore	3851.8 Separated	530	0.9	5/10/1990 7.00	0.7	5/10/1990	0.220	1404	1
ME4014	MS0408	South Shore	5733.5 Separated	758	2.3	5/10/1990 8.00	1.9	5/10/1990	0.365	984	1
ME4015	MS0436	South Shore	168.0 Separated	38	0.1	5/10/1990 8.00	0.1	5/10/1990	0.012	41	1
MF3001	MS0343	South Shore	1595.2 Separated	6168	16.3	5/10/1990 8.00	13.4	5/10/1990	1.880	7360	1
MF3003	MS0345	South Shore	969.3 Separated	3756	8.9	5/10/1990 8.00	7.1	5/10/1990	1.257	4174	1
MF3004	MS0307	South Shore	2687.4 Separated	7307	7.1	5/10/1990 8.00	5.7	5/10/1990	1.588	7472	1
MF3005	MS0342	South Shore	4055.0 Separated	8347	11.7	5/10/1990 7.00	9.4	5/10/1990	2.668	13307	1
MF3006	MS0311	South Shore	542.4 Separated	695	6.2	5/10/1990 9.00	5.1	5/10/1990	1.068	680	1
MF3007	MS0308	South Shore	532.0 Separated	75	0.3	5/10/1990 7.00	0.3	5/10/1990	0.144	76	1
MF3008	MS0310	South Shore	814.6 Separated	557	1.1	5/10/1990 8.00	0.9	5/10/1990	0.186	653	1
MF3009	MS0344	South Shore	399.0 Separated	2252	4.9	5/10/1990 8.00	4.0	5/10/1990	0.828	3924	1
MF3011	MS0303	South Shore	162.1 Separated	4	0.3	5/10/1990 7.00	0.2	5/10/1990	0.128	4	1
MF3012	MS0303	South Shore	721.2 Separated	211	8.1	5/10/1990 8.00	6.6	5/10/1990	0.779	1124	1
MI1074	MS0103	South Shore	14.6 Separated	14	0.2	6/21/1997 8.00	0.2	5/10/1990	0.026	36	1
MI1077	MS0102	South Shore	343.5 Separated	2839	11.7	6/21/1997 8.00	7.1	5/10/1990	0.696	3375	1
MI1079	MS0102	South Shore	279.5 Separated	1815	9.2	6/21/1997 8.00	5.5	5/10/1990	0.433	1827	1
MI1080	MS0102	South Shore	376.4 Separated	3192	12.7	6/21/1997 8.00	7.8	5/10/1990	0.753	3698	1
MI1082	MS0112	South Shore	254.2 Separated	1462	7.8	5/22/1991 11.00	3.0	5/10/1990	0.216	1495	1
MI1083	MS0112	South Shore	133.8 Separated	751	4.1	5/22/1991 11.00	1.6	5/10/1990	0.116	828	1
MI1084	MS0112	South Shore	279.7 Separated	2901	8.7	5/22/1991 11.00	3.4	5/10/1990	0.312	2852	1
MI1085	MS0111	South Shore	111.0 Separated	1106	5.1	5/22/1991 11.00	1.1	6/21/1997	0.144	1107	1
MI1086	MS0111	South Shore	211.4 Separated	732	9.6	5/22/1991 11.00	2.0	6/21/1997	0.211	648	1
MI1087	MS0101	South Shore	437.0 Separated	781	86.5	5/22/1991 11.00	13.8	6/21/1997	0.558	818	1
MI1088	MS0101	South Shore	1960.8 Separated	604	59.2	5/22/1991 11.00	9.4	6/21/1997	1.113	658	1
MI1097	MS0117	South Shore	138.5 Separated	1420	2.9	5/22/1991 11.00	0.7	6/21/1997	0.115	1505	1
MI1100	MS0116	South Shore	118.1 Separated	1631	23.5	5/22/1991 11.00	3.5	6/21/1997	0.315	1825	1
MI1101	MS0115	South Shore	311.4 Separated	2707	6.5	5/22/1991 11.00	1.7	6/21/1997	0.359	2801	1
MI1102	MS0114	South Shore	347.2 Separated	4016	14.5	5/22/1991 11.00	3.2	6/21/1997	0.736	4045	1
MI1103	MS0113	South Shore	63.6 Separated	76	1.4	5/22/1991 11.00	0.4	6/21/1997	0.093	76	1
MI1123	MS0118	South Shore	47.3 Separated	700	2.6	5/22/1991 11.00	1.3	5/10/1990	0.191	788	1
MI1128	MS0105	South Shore	159.4 Separated	1136	2.5	6/21/1997 8.00	1.9	5/10/1990	0.238	1190	1
MI1130	MS0102	South Shore	19.9 Separated	384	0.7	6/21/1997 8.00	0.4	5/10/1990	0.057	384	1
MI1135	MS0101	South Shore	130.4 Separated	1216	2.7	5/10/1990 9.00	2.2	5/10/1990	0.256	1295	1
MI1136	MS0102	South Shore	555.4 Separated	1904	18.5	6/21/1997 8.00	11.3	5/10/1990	1.066	2063	1
MI1137	MS0104	South Shore	386.9 Separated	4209	5.9	6/21/1997 8.00	4.3	5/10/1990	1.078	4774	1
MI1150	MS0115	South Shore	330.9 Separated	2217	6.9	5/22/1991 11.00	1.7	6/21/1997	0.361	2221	1
MI1158	MS0102	South Shore	99.7 Separated	472	3.3	6/21/1997 8.00	2.0	5/10/1990	0.148	558	1
MI2094	MS0233	South Shore	292.4 Separated	2994	2.3	6/21/1997 8.00	1.6	5/10/1990	0.484	2950	1
MI2126	MS0212	South Shore	88.6 Separated	1084	1.1	6/21/1997 8.00	0.8	5/10/1990	0.191	1104	1
MI3026	MS0303	South Shore	567.2 Separated	1340	4.8	5/10/1990 8.00	3.9	5/10/1990	0.372	1690	1
MI3027	MS0303	South Shore	424.7 Separated	812	3.8	5/10/1990 8.00	3.1	5/10/1990	0.490	810	1
MI3028	MS0308	South Shore	1688.6 Separated	2390	7.8	5/10/1990 8.00	6.3	5/10/1990	1.673	3254	1
MI3029	MS0351	South Shore	529.8 Separated	3390	3.4	5/10/1990 7.00	2.7	4/20/1993	1.231	4492	1
MI3030	MS0350	South Shore	450.1 Separated	3194	2.8	5/10/1990 9.00	2.4	4/20/1993	0.838	3231	1
MI3031	MS0350	South Shore	718.4 Separated	765	4.2	5/10/1990 8.00	3.6	4/20/1993	1.155	807	1
MI3032	MS0349	South Shore	349.1 Separated	2993	8.1	5/22/1991 11.00	3.9	5/10/1990	0.990	3251	1
MI3033	MS0304	South Shore	281.2 Separated	2524	2.5	5/10/1990 8.00	2.0	5/10/1990	0.281	2526	1
MI3034	MS0348	South Shore	420.1 Separated	1171	8.8	5/22/1991 11.00	3.5	5/10/1990	0.490	1344	1
MI3035	MS0347	South Shore	445.1 Separated	3024	4.9	5/10/1990 8.00	4.0	5/10/1990	1.090	3173	1
MI3036	MS0346	South Shore	431.2 Separated	5281	7.2	5/10/1990 8.00	5.7	5/10/1990	0.711	5357	1
MI3037	MS0304	South Shore	629.7 Separated	3719	5.7	5/10/1990 8.00	4.6	5/10/1990	0.755	3750	1
MI3038	MS0340	South Shore	53.0 Separated	851	1.3	5/22/1991 11.00	0.6	5/10/1990	0.198	854	1
MI3040	MS0340	South Shore	331.9 Separated	3568	7.7	5/22/1991 11.00	3.9	5/10/1990	1.068	4285	1
MI3041	MS0339	South Shore	379.3 Separated	4414	19.5	5/22/1991 11.00	4.4	6/21/1997	0.779	5443	1
MI3061	MS0399	South Shore	148.2 Separated	0	0.9	4/20/1993 3.00	0.9	4/20/1993	0.737	0	1
MI3062	MS0301	South Shore	323.9 Separated	1684	5.6	5/10/1990 8.00	4.5	5/10/1990	0.276	1766	1
MI3063	MS0319	South Shore	38.7 Separated	354	0.8	5/22/1991 11.00	0.4	5/10/1990	0.077	373	1
MI3064	MS0103	South Shore	102.5 Separated	596	1.5	6/21/1997 8.00	1.2	5/10/1990	0.227	607	1
MI3065	MS0338	South Shore	206.6 Separated	1851	5.3	5/10/1990 8.00	4.3	5/10/1990	0.485	2213	1
MI3095	MS0315	South Shore	515.2 Separated	6382	3.1	5/10/1990 7.00	2.5	5/10/1990	0.885	7412	1
MI3096	MS0316	South Shore	560.7 Separated	5208	46.2	5/22/1991 11.00	9.9	6/21/1997	2.071	6086	1
MI3122	MS0321	South Shore	120.0 Separated	268	0.9	5/10/1990 8.00	0.8	5/10/1990	0.172	282	1
MI3124	MS0305	South Shore	21.2 Separated	68	0.4	5/10/1990 9.00	0.3	5/10/1990	0.044	70	1
MI3132	MS0303	South Shore	586.8 Separated	72	5.5	5/10/1990 8.00	4.5	5/10/1990	0.700	171	1
MI3134	MS0346	South Shore	328.5 Separated	0	0.0	1/2/1988 7.00	0.0	1/2/1988	0.000	0	1
MI3138	MS0301	South Shore	6.7 Separated	93	0.0	5/10/1990 7.00	0.0	5/10/1990	0.009	93	1
MI3151	MS0308	South Shore	787.4 Separated	4000	3.6	5/10/1990 9.00	3.1	5/10/1990	0.970	4282	1
MI3152	MS0308	South Shore	975.6 Separated	1737	4.1	5/10/1990 8.00	3.4	5/10/1990	0.849	1798	1
MI3153	MS0304	South Shore	256.5 Separated	1160	2.2	5/10/1990 8.00	1.8	5/10/1990	0.203	1246	1
MI3154	MS0304	South Shore	631.2 Separated	3089	5.4	5/10/1990 8.00	4.4	5/10/1990	0.532	3184	1
MI4001	MS0433	South Shore	1307.1 Separated	6416	7.8	4/20/1993 7.00	6.6	4/20/1993	2.002	8908	1
MI4002	MS0413	South Shore	676.7 Separated	3907	6.6	5/10/1990 8.00	5.3	5/10/1990	1.447	4482	1
MI4003	MS0430	South Shore	304.0 Separated	2446	2.9	5/10/1990 8.00	2.5	4/20/1993	0.729	2458	1
MI4004	MS0428	South Shore	960.8 Separated	4022	2.6	5/10/1990 8.00	2.1	5/10/1990	0.798	4300	1
MI4005	MS0429	South Shore	117.4 Separated	1620	1.4	5/10/1990 8.00	1.1	5/10/1990	0.275	1647	1
MI4006	MS0428	South Shore	549.5 Separated	1634	1.4	5/10/1990 8.00	1.2	5/10/1990	0.447	1620	1
MI4007	MS0427	South Shore	571.0 Separated	6885	5.9	5/10/1990 8.00	4.7	4/20/1993	1.658	6144	1
MI4008	MS0426	South Shore	213.7 Separated	3720	2.6	5/10/1990 7.00	2.0	5/10/1990	0.687	3755	1
MI4009	MS0425	South Shore	421.6 Separated	4133	4.1	5/10/1990 8.00	3.3	5/10/1990	1.143	4152	1
MI4010	MS0423	South Shore	292.6 Separated	4023	1.9	5/10/1990 8.00	1.6	4/20/1993	0.471	3855	1



**Simulation Condition: 2020 Baseline**

				Actual 2003 I/I		101.0 MGD					
MI4011	MS0407	South Shore	213.8 Separated	1934	21.5	5/22/1991 11:00	4.1	6/21/1997	0.449	1763	1
MI4012	MS0422	South Shore	76.9 Separated	823	1.5	5/10/1990 7:00	1.2	5/10/1990	0.255	833	1
MI4014	MS0421	South Shore	311.3 Separated	4408	3.3	5/10/1990 8:00	2.6	5/10/1990	0.651	4180	1
MI4021	MS0401-SS	South Shore	188.2 Separated	1410	3.2	5/10/1990 8:00	2.7	5/10/1990	0.585	1238	1
MI4042	MS0401-SS	South Shore	518.9 Separated	4660	8.7	5/10/1990 9:00	7.3	5/10/1990	1.321	5215	1
MI4043	MS0401-SS	South Shore	151.0 Separated	2031	2.8	5/10/1990 8:00	2.3	5/10/1990	0.487	2467	1
MI4044	MS0401-SS	South Shore	124.6 Separated	1795	2.3	5/10/1990 9:00	1.9	5/10/1990	0.411	2124	1
MI4046	MS0418	South Shore	275.5 Separated	5216	14.4	5/22/1991 11:00	3.3	6/21/1997	0.651	4771	1
MI4067	MS0411	South Shore	168.6 Separated	2062	3.9	5/10/1990 8:00	3.2	5/10/1990	0.468	2418	1
MI4071	MS0416	South Shore	381.9 Separated	4353	6.1	5/10/1990 9:00	5.1	5/10/1990	1.387	4854	1
MI4073	MS0419	South Shore	408.5 Separated	4826	10.0	5/10/1990 8:00	8.1	5/10/1990	1.246	4831	1
MI4075	MS0401-SS	South Shore	4.0 Separated	93	0.1	5/10/1990 9:00	0.1	5/10/1990	0.015	97	1
MI4114	MS0431	South Shore	59.5 Separated	484	1.0	5/10/1990 8:00	0.8	5/10/1990	0.123	486	1
MI4121	MS0410	South Shore	268.1 Separated	1858	3.1	5/10/1990 8:00	2.5	5/10/1990	0.596	2315	1
MI4139	MS0420	South Shore	111.4 Separated	1650	2.3	5/10/1990 8:00	1.9	5/10/1990	0.342	1485	1
MI4140	MS0407	South Shore	246.3 Separated	3119	24.8	5/22/1991 11:00	4.8	6/21/1997	0.615	2895	1
MI4141	MS0424	South Shore	245.2 Separated	2080	1.3	5/10/1990 8:00	1.0	5/10/1990	0.275	1809	1
MI4142	MS0401-SS	South Shore	403.1 Separated	420	6.4	5/10/1990 9:00	5.3	5/10/1990	0.848	447	1
MI4155	MS0401-SS	South Shore	61.8 Separated	757	1.1	5/10/1990 9:00	0.9	5/10/1990	0.176	798	1
MI4156	MS0401-SS	South Shore	61.2 Separated	653	1.0	5/10/1990 9:00	0.8	5/10/1990	0.153	597	1
MI4159	MS0417	South Shore	19.0 Separated	155	0.4	5/22/1991 11:00	0.1	5/10/1990	0.034	155	1
MI4160	MS0419	South Shore	232.7 Separated	0	0.0	12:00:00 AM	0.0	12:00:00 AM	0.000	0	1
MI4161	MS0401-SS	South Shore	38.8 Separated	635	0.7	5/10/1990 9:00	0.5	5/10/1990	0.114	635	1
MI4168	MS0412	South Shore	84.0 Separated	256	8.4	5/22/1991 11:00	1.7	6/21/1997	0.120	259	1
MI6107	MS0102	South Shore	245.1 Separated	1351	8.3	6/21/1997 8:00	5.1	5/10/1990	0.536	1640	1
MU2001	MS0211	South Shore	3997.8 Separated	4972	9.5	5/10/1990 7:00	7.8	5/10/1990	1.975	8826	1
MU2002	MS0211	South Shore	985.7 Separated	1354	3.5	5/10/1990 7:00	2.9	5/10/1990	0.661	3373	1
MU2003	MS0204	South Shore	2939.2 Separated	1049	14.0	5/10/1990 8:00	11.7	5/10/1990	1.887	4966	1
MU2004	MS0211	South Shore	3787.9 Separated	497	1.9	5/10/1990 7:00	1.6	5/10/1990	0.331	1603	1
MU2005	MS0225	South Shore	1396.1 Separated	4485	12.5	5/22/1991 11:00	5.8	4/20/1993	1.499	5221	1
MU2006	MS0226	South Shore	959.8 Separated	3204	12.9	5/22/1991 11:00	5.4	5/10/1990	1.500	4272	1
MU2007	MS0227	South Shore	1781.7 Separated	4505	6.9	6/21/1997 8:00	5.5	5/10/1990	1.509	5864	1
NB2002	MS0235	South Shore	108.3 Separated	613	1.1	5/22/1991 11:00	0.4	5/10/1990	0.135	609	1
NB2003	MS0234	South Shore	834.4 Separated	4344	5.8	6/21/1997 8:00	4.0	5/10/1990	1.237	5052	1
NB2007	MS0210	South Shore	2086.9 Separated	3745	12.1	5/22/1991 11:00	5.6	4/20/1993	1.784	5206	1
NB2008	MS0227	South Shore	123.3 Separated	215	0.5	5/10/1990 8:00	0.4	5/10/1990	0.084	286	1
NB2009	MS0213	South Shore	1549.5 Separated	5568	10.2	5/10/1990 8:00	8.3	5/10/1990	1.207	6064	1
NB2010	MS0210	South Shore	615.3 Separated	1148	3.7	5/10/1990 8:00	3.0	5/10/1990	0.573	2144	1
NB2011	MS0210	South Shore	1686.5 Separated	6307	9.8	5/22/1991 11:00	4.7	4/20/1993	1.472	8068	1
NB2013	MS0210	South Shore	3028.1 Separated	1772	9.0	5/10/1990 8:00	7.3	5/10/1990	1.453	3772	1
NB2014	MS0227	South Shore	402.5 Separated	0	1.1	5/10/1990 7:00	0.7	5/10/1990	0.491	23	1
NB2016	MS0225	South Shore	7.8 Separated	4	0.0	5/10/1990 7:00	0.0	5/10/1990	0.014	4	1
NB2017	MS0227	South Shore	623.4 Separated	365	1.8	5/10/1990 8:00	1.5	5/10/1990	0.299	777	1
NB3001	MS0324	South Shore	802.4 Separated	3532	5.4	5/10/1990 8:00	4.4	5/10/1990	0.803	3577	1
NB3004	MS0203	South Shore	27.5 Separated	199	0.2	5/10/1990 9:00	0.1	5/10/1990	0.021	197	1
NB3005	MS0325	South Shore	202.5 Separated	886	1.5	5/10/1990 8:00	1.2	5/10/1990	0.210	904	1
NB3006	MS0326	South Shore	2478.6 Separated	4337	7.0	5/10/1990 8:00	5.8	5/10/1990	2.177	4817	1
NB3012	MS0203	South Shore	287.9 Separated	1271	1.9	5/10/1990 8:00	1.5	5/10/1990	0.223	1269	1
NB3015	MS0326	South Shore	540.5 Separated	18	1.3	5/10/1990 8:00	1.1	5/10/1990	0.198	580	1
OC1001	MS0106	South Shore	986.1 Separated	2631	6.5	5/10/1990 8:00	5.3	5/10/1990	0.936	4392	1
OC1003	MS0106	South Shore	1257.1 Separated	2042	6.5	5/10/1990 8:00	5.4	5/10/1990	0.884	2747	1
OC1005	SSWWTP	South Shore	621.0 Separated	1235	6.7	5/22/1991 11:00	2.8	5/10/1990	0.532	1980	1
OC1006	MS0109	South Shore	448.1 Separated	905	7.6	5/22/1991 11:00	4.2	5/10/1990	0.888	2402	1
OC1007	MS0111	South Shore	199.7 Separated	1238	9.1	5/22/1991 11:00	2.0	6/21/1997	0.268	1449	1
OC1010	SSWWTP	South Shore	287.0 Separated	1093	3.1	5/22/1991 11:00	1.2	5/10/1990	0.309	1570	1
OC1019	SSWWTP	South Shore	920.8 Separated	2076	10.1	5/22/1991 11:00	3.6	5/10/1990	1.000	4628	1
OC1024	MS0109	South Shore	961.9 Separated	3	1.6	5/10/1990 7:00	1.3	5/10/1990	0.307	1238	1
OC1028	MS0106	South Shore	1096.4 Separated	990	5.3	5/10/1990 8:00	4.4	5/10/1990	0.920	1104	1
OC1029	SSWWTP	South Shore	76.9 Separated	56	0.8	5/22/1991 11:00	0.2	6/21/1997	0.046	60	1
OC2002	SSWWTP	South Shore	672.4 Separated	1102	7.3	5/22/1991 11:00	3.1	5/10/1990	0.657	2586	1
OC2004	MS0214	South Shore	914.7 Separated	2269	4.8	6/21/1997 8:00	3.8	5/10/1990	0.903	3775	1
OC2012	MS0216	South Shore	1064.2 Separated	1919	2.5	5/10/1990 8:00	2.0	5/10/1990	0.738	2421	1
OC2013	SSWWTP	South Shore	989.2 Separated	943	10.5	5/22/1991 11:00	3.5	5/10/1990	0.720	2092	1
OC2014	SSWWTP	South Shore	769.0 Separated	486	8.2	5/22/1991 11:00	2.2	6/21/1997	0.600	590	1
OC2015	MS0215	South Shore	347.7 Separated	1754	1.2	5/10/1990 7:00	0.9	5/10/1990	0.442	1983	1
OC2017	SSWWTP	South Shore	745.2 Separated	1625	8.0	5/22/1991 11:00	2.7	5/10/1990	0.618	2440	1
OC2025	SSWWTP	South Shore	975.3 Separated	634	10.2	5/22/1991 11:00	3.2	5/10/1990	0.622	1536	1
OC2027	SSWWTP	South Shore	2164.7 Separated	3271	23.3	5/22/1991 11:00	7.6	5/10/1990	1.934	5297	1
OC2030	SSWWTP	South Shore	1039.2 Separated	802	11.0	5/22/1991 11:00	3.0	5/10/1990	0.795	1111	1
OC2031	SSWWTP	South Shore	741.8 Separated	457	7.9	5/22/1991 11:00	2.9	5/10/1990	0.563	1631	1
OC2032	SSWWTP	South Shore	939.2 Separated	925	9.9	5/22/1991 11:00	3.5	5/10/1990	0.684	2259	1
RH4003	MS0441	South Shore	666.0 Separated	525	3.5	5/22/1991 11:00	1.7	5/10/1990	0.179	554	1
RH4004	MS0404	South Shore	114.5 Separated	43	3.0	5/10/1990 8:00	2.4	5/10/1990	0.081	53	1
SF1003	MS0101	South Shore	155.4 Separated	382	3.2	5/10/1990 8:00	2.6	5/10/1990	0.256	417	1
SF1006	MS0101	South Shore	51.4 Separated	531	1.1	5/10/1990 8:00	0.9	5/10/1990	0.107	590	1
TH4001	MS0436	South Shore	689.0 Separated	3254	4.8	5/10/1990 8:00	4.1	4/20/1993	1.057	3811	1
WA3006	MS0328	South Shore	140.6 Separated	1388	1.8	5/10/1990 7:00	1.5	5/10/1990	0.323	1365	1
WA3007	MS0301	South Shore	367.2 Separated	3981	2.4	5/10/1990 7:00	1.8	5/10/1990	0.398	3920	1
WA3008	MS0340	South Shore	421.1 Separated	3026	9.4	5/22/1991 11:00	4.3	5/10/1990	0.980	2987	1
WA3009	MS0303	South Shore	1061.7 Separated	2064	9.0	5/10/1990 8:00	7.3	5/10/1990	0.884	2063	1
WA3011	MS0301	South Shore	757.2 Separated	1514.8	14.4	5/10/1990 8:00	11.6	5/10/1990	0.600	1539	1



**Simulation Condition: 2020 Baseline**

				Actual 2003 I/I	101.0 MGD						
WA3012	MS0330	South Shore	314.1 Separated	2116	4.4	5/10/1990 8:00	3.6	5/10/1990	0.647	2160	1
WA3013	MS0329	South Shore	216.8 Separated	1845	1.8	4/20/1993 7:00	1.6	4/20/1993	0.468	1833	1
WA3014	MS0322	South Shore	130.7 Separated	856	1.7	6/21/1997 8:00	1.1	5/10/1990	0.268	861	1
WA3015	MS0301	South Shore	14.8 Separated	2	0.3	5/10/1990 8:00	0.2	5/10/1990	0.025	4	1
WA3018	MS0301	South Shore	72.3 Separated	0	1.2	5/10/1990 8:00	1.0	5/10/1990	0.027	0	1
WA3019	MS0301	South Shore	696.2 Separated	407	4.0	5/10/1990 8:00	3.4	5/10/1990	1.287	663	1
WA3027	MS0410	South Shore	71.4 Separated	828	0.4	5/10/1990 7:00	0.3	5/10/1990	0.079	826	1
WA3029	MS0301	South Shore	144.9 Separated	1252	2.6	5/10/1990 8:00	2.1	5/10/1990	0.173	1236	1
WA3031	MS0301	South Shore	209.2 Separated	0	0.0	1/2/1988 7:00	0.0	1/2/1988	0.002	0	1
WA3032	MS0327	South Shore	194.4 Separated	1340	1.9	5/10/1990 7:00	1.6	5/10/1990	0.334	1316	1
WA3034	MS0303	South Shore	27.3 Separated	131	0.2	5/10/1990 8:00	0.2	5/10/1990	0.022	131	1
WA3037	MS0301	South Shore	471.3 Separated	1423	7.4	5/10/1990 8:00	6.0	5/10/1990	0.504	1430	1
WA3038	MS0301	South Shore	73.2 Separated	479	0.4	5/10/1990 7:00	0.3	5/10/1990	0.064	471	1
WA3039	MS0301	South Shore	85.2 Separated	649.2	0.6	5/10/1990 7:00	0.4	5/10/1990	0.143	660	1
WA4001	MS0411	South Shore	223.4 Separated	3340	5.0	5/10/1990 8:00	4.0	5/10/1990	0.613	3288	1
WA4002	MS0411	South Shore	290.9 Separated	4925	6.5	5/10/1990 8:00	5.3	5/10/1990	0.854	4825	1
WA4003	MS0410	South Shore	511.4 Separated	4749	4.9	5/10/1990 8:00	3.9	4/20/1993	1.086	4696	1
WA4004	MS0410	South Shore	365.3 Separated	3016	3.4	5/10/1990 8:00	2.9	4/20/1993	0.815	3236	1
WA4005	MS0410	South Shore	350.7 Separated	2638	3.6	5/10/1990 8:00	3.0	5/10/1990	0.639	2602	1
WA4010	MS0417	South Shore	762.6 Separated	1595	17.6	5/22/1991 11:00	5.5	5/10/1990	2.142	2461	1
WA4016	MS0417	South Shore	199.1 Separated	964	4.2	5/22/1991 11:00	1.1	5/10/1990	0.296	1010	1
WA4033	MS0103	South Shore	16.3 Separated	209	0.2	6/21/1997 8:00	0.2	5/10/1990	0.040	205	1
WA4035	MS0411	South Shore	157.5 Separated	1629	3.4	5/10/1990 8:00	2.8	5/10/1990	0.361	1603	1
WA4036	MS0410	South Shore	109.0 Separated	728	0.9	5/10/1990 8:00	0.8	4/20/1993	0.207	715	1
WE1018	MS0118	South Shore	149.1 Separated	1840	8.0	5/22/1991 11:00	4.0	5/10/1990	0.520	1804	1
WE1032	MS0117	South Shore	167.7 Separated	2301	3.5	5/22/1991 11:00	0.8	6/21/1997	0.154	2260	1
WE1034	MS0103	South Shore	65.7 Separated	1238	1.0	6/21/1997 8:00	0.8	5/10/1990	0.196	1218	1
WE1040	MS0103	South Shore	87.3 Separated	1349	1.4	6/21/1997 8:00	1.1	5/10/1990	0.236	1342	1
WE2001	MS0235	South Shore	184.9 Separated	1016	1.9	5/22/1991 11:00	0.8	5/10/1990	0.226	1000	1
WE2002	MS0203	South Shore	136.3 Separated	2010	1.4	5/10/1990 8:00	1.2	5/10/1990	0.334	2691	1
WE2003	MS0203	South Shore	140.7 Separated	303	1.1	5/10/1990 8:00	0.9	5/10/1990	0.131	825	1
WE2004	MS0212	South Shore	493.0 Separated	2347	5.8	6/21/1997 8:00	4.2	5/10/1990	0.844	2783	1
WE2006	MS0212	South Shore	371.2 Separated	3548	4.4	6/21/1997 8:00	3.1	5/10/1990	0.674	3561	1
WE2030	MS0213	South Shore	14.7 Separated	56	0.2	5/10/1990 7:00	0.1	5/10/1990	0.028	189	1
WE2041	MS0205	South Shore	16.4 Separated	0	0.1	5/10/1990 7:00	0.0	5/10/1990	0.014	107	1
WE3005	MS0320	South Shore	429.7 Separated	2253	3.5	5/10/1990 8:00	2.9	5/10/1990	0.829	2484	1
WE3007	MS0320	South Shore	284.2 Separated	165	3.4	5/10/1990 7:00	2.8	5/10/1990	0.859	4102	1
WE3008	MS0320	South Shore	167.5 Separated	1840	1.3	5/10/1990 9:00	1.1	5/10/1990	0.296	1843	1
WE3009	MS0319	South Shore	146.8 Separated	1130	3.2	5/22/1991 11:00	1.5	5/10/1990	0.274	1285	1
WE3010	MS0301	South Shore	386.8 Separated	1174	6.8	5/10/1990 8:00	5.5	5/10/1990	0.414	1191	1
WE3011	MS0337	South Shore	219.7 Separated	1183	3.2	6/21/1997 8:00	2.4	5/10/1990	0.433	1800	1
WE3012	MS0321	South Shore	134.6 Separated	2171	1.6	5/10/1990 7:00	1.3	5/10/1990	0.440	2683	1
WE3013	MS0309	South Shore	209.2 Separated	3073	24.6	5/10/1990 8:00	20.6	5/10/1990	5.067	4047	1
WE3014	MS0317	South Shore	181.2 Separated	1664	4.5	5/10/1990 8:00	3.7	5/10/1990	0.674	1701	1
WE3015	MS0314	South Shore	191.9 Separated	1615	2.4	4/20/1993 7:00	2.2	4/20/1993	0.522	1586	1
WE3016	MS0305	South Shore	290.0 Separated	2167	5.2	5/10/1990 9:00	4.3	5/10/1990	0.590	2403	1
WE3017	MS0316	South Shore	100.2 Separated	814	8.2	5/22/1991 11:00	1.7	6/21/1997	0.319	805	1
WE3022	MS0323	South Shore	240.7 Separated	2283	4.2	6/21/1997 8:00	2.5	5/10/1990	0.543	2291	1
WE3025	MS0103	South Shore	143.6 Separated	0	2.0	6/21/1997 8:00	1.5	5/10/1990	0.164	0	1
WE3028	MS0318	South Shore	183.8 Separated	2491	1.9	4/20/1993 7:00	1.6	4/20/1993	0.687	2666	1
WE3029	MS0301	South Shore	300.2 Separated	0	0.3	5/10/1990 7:00	0.2	5/10/1990	0.064	428	1
WE3031	MS0301	South Shore	193.9 Separated	1580	1.3	5/10/1990 7:00	1.0	5/10/1990	0.286	1885	1
WE3033	MS0318	South Shore	140.9 Separated	1865	1.3	6/21/1997 7:00	1.0	4/20/1993	0.394	2050	1
WE3036	MS0103	South Shore	113.1 Separated	1442	1.8	6/21/1997 8:00	1.5	5/10/1990	0.308	1706	1
WE3037	MS0103	South Shore	29.5 Separated	242	0.5	6/21/1997 8:00	0.4	5/10/1990	0.079	327	1
WE3038	MS0320	South Shore	177.7 Separated	1564	1.1	5/10/1990 7:00	0.8	5/10/1990	0.273	1643	1
WE3039	MS0318	South Shore	145.9 Separated	2065	1.3	5/10/1990 7:00	1.0	5/10/1990	0.388	2454	1
WE4023	MS0415	South Shore	331.3 Separated	4107	7.1	5/10/1990 8:00	5.9	5/10/1990	1.558	6505	1
WE4026	MS0416	South Shore	71.9 Separated	0	1.4	5/10/1990 8:00	1.2	5/10/1990	0.350	533	1
WE4035	MS0103	South Shore	108.9 Separated	856	2.3	5/10/1990 8:00	1.9	5/10/1990	0.531	2606	1

CSSW001											
CSSW002	River	11.7 Combined	0	14.2	5/22/1991 11:00	1.5	6/21/1997	0.021	0	1	
CSSW003	River	152.7 Combined	0	181.4	5/22/1991 11:00	19.4	6/21/1997	0.169	0	1	
CSSW004	River	17.9 Combined	0	28.7	5/22/1991 11:00	2.9	6/21/1997	0.051	0	1	
CSSW005	River	48.8 Combined	0	50.2	5/22/1991 11:00	5.6	6/21/1997	0.022	0	1	
CSSW006	River	68.4 Combined	166	81.2	5/22/1991 11:00	8.7	6/21/1997	0.113	528	1	
CSSW007	River	167.0 Combined	0	282.0	5/22/1991 11:00	27.9	6/21/1997	0.533	0	1	

694

NOTES:

\* Parameter for current conditions

# Parameter for 2020 Baseline or ultimate conditions

Shaded sewersheds represent sewershed draining to the rivers which are not treated by either WWTP and not include in total flows  
May be some error due to minor changes in sewersheds from existing conditions to 2020 Baseline - <2%



**FFS simulation**

User Name: dperry

Date: 4/21/2005 10:06:59 AM

Notes:

Simulation Start Date: 1/1/1988

Simulation End Date: 12/31/1997

Timestep: 3600 seconds

**Simulation Condition: Current 2000**

**Combined Sewer Avg Flow (MGD)**

**58**

**Separate Sewer Avg Flow (MGD)**

**144**

**All sewersheds Avg. Flow (MGD)**

**201**

**Avg. Flow (cfs)**

**312**

not including River

**SEWERSHEDS**

Name	DW_WWTP	Meter Basin	Area (acre)	Type	Population	Peak Inst. Flow (cfs)	1st. Flow Date	Peak Day	Peak Day Flow D <sub>1</sub>	Flow (cfs)
<b>BOTH</b>										
BD5008	BOTH	MS0532	10.69574	Separated	28	0.040385534	33003.33	0.03337	33003	0.0052646
BD5012	BOTH	MS0532	76.61368	Separated	1430	0.541888402	35602.29	0.308226	33003	0.1262302
BD5013	BOTH	MS0532	140.4096	Separated	61	0.817493582	33380.46	0.452144	33003	0.1197164
CU6001	BOTH	MS0614	316.9247	Separated	2063	2.679489785	33003.38	2.197032	33003	0.3245317
CU6002	BOTH	MS0614	188.5699	Separated	1342	1.570857974	33003.38	1.287804	33003	0.1742059
CU6005	BOTH	MS0613	205.4449	Separated	1750	16.43663388	33380.46	2.745472	35602	0.2520182
CU6007	BOTH	MS0614	153.3583	Separated	663	1.328935542	33003.38	1.089946	33003	0.1831101
CU6008	BOTH	MS0101	248.2564	Separated	1618	5.067534075	33003.38	4.168157	33003	0.5163104
CU6009	BOTH	MS0617	173.1889	Separated	684	13.39240094	33380.46	3.181216	33003	1.2417237
CU6010	BOTH	MS0616	229.4832	Separated	2976	17.20872198	33380.46	3.600319	33003	1.0911286
CU6012	BOTH	MS0615	212.2459	Separated	2271	20.76613854	33380.46	4.653843	35602	1.8694566
CU6013	BOTH	MS0101	141.0684	Separated	1625	1.356686126	33003.38	1.135412	33003	0.2784803
CU6014	BOTH	MS0101	57.73265	Separated	664	0.555092437	33003.38	0.464559	33003	0.1138596
CU6015	BOTH	MS0101	48.97932	Separated	0	0	0	0	0	0
CU6019	BOTH	MS0617	222.2444	Separated	0	0	0	0	0	0
FP5005	BOTH	MS0438	333.1079	Separated	1298	4.802192575	33003.33	3.90278	33003	0.4403176
FP5006	BOTH	MS0438	311.4792	Separated	1186	4.500376044	33003.33	3.656257	33003	0.4185449
FP5008	BOTH	MS0438	140.8736	Separated	104	1.94007211	33003.33	1.587926	33003	0.1242474
GF6007	BOTH	MS0607	148.203	Separated	1569	14.84935181	33380.46	3.057143	35602	0.2453334
GF6008	BOTH	MS0608	102.1244	Separated	895	10.23207493	33380.46	1.616806	35602	0.201454
GF6010	BOTH	MS0602	425.1083	Separated	2162	17.30958811	33380.46	4.469099	33003	0.524324
GF6015	BOTH	MS0602	64.25746	Separated	868	2.653329113	33380.46	0.70773	33003	0.1098776
GF6019	BOTH	MS0102	13.02516	Separated	80	0.443746905	35602.33	0.267413	33003	0.0307558
GF6021	BOTH	MS0608	49.37894	Separated	592	4.955847377	33380.46	0.789208	35602	0.1044289
GL5028	BOTH	MS0509	40.33726	Separated	115	0.402354937	33003.33	0.360467	34079	0.0803952
GL5030	BOTH	MS0531	30.36433	Separated	126	0.193880559	33003.33	0.157332	33003	0.0259972
GL5032	BOTH	MS0438	13.1929	Separated	70	0.193987624	33003.33	0.157187	33003	0.0200281
GL5033	BOTH	MS0509	297.0302	Separated	1564	3.143195313	33003.33	2.760221	34079	0.7150953
GL5050	BOTH	MS0532	54.75497	Separated	237	0.216410409	33003.33	0.17749	33003	0.0335452
GL5051	BOTH	MS0530	148.6391	Separated	645	1.081106866	34079.29	0.958382	34079	0.2231994
GL5052	BOTH	MS0438	68.32328	Separated	265	1.038804317	33003.33	0.837596	33003	0.1270479
ME5007	BOTH	MS0532	194.6784	Separated	288	1.03283221	33380.46	0.534965	33003	0.0749655
MI5013	BOTH	MS0519	207.6583	Separated	2693	2.093688613	33003.29	1.695556	34079	0.4417882
MI5015	BOTH	MS0520	155.6411	Separated	1578	1.57349909	33003.29	1.263101	33003	0.2740078
MI5016	BOTH	MS0401-S	329.08	Separated	4331	5.257771456	33003.38	4.336777	33003	0.8504921
MI5017	BOTH	MS0518	215.819	Separated	2160	3.026896043	33003.33	2.520832	34079	0.4969087
MI5019	BOTH	MS0401-S	213.5517	Separated	2370	3.371001002	33003.38	2.780338	33003	0.5189106
MI5020	BOTH	MS0517	178.8448	Separated	2156	2.114928769	33003.29	1.769953	34079	0.5135832
MI5113	BOTH	MS0532	371.3051	Separated	0	1.30510137	33003.38	1.089306	33003	0.1143224
MI5146	BOTH	MS0401-S	38.8087	Separated	485	0.609377839	33003.38	0.50259	33003	0.0916948
MI5147	BOTH	MS0521	193.7469	Separated	1651	2.031527204	34079.29	1.820867	34079	0.4583372
MI6081	BOTH	MS0610	184.8902	Separated	898	5.735811241	33380.46	1.471956	33003	0.2323362
MI6089	BOTH	MS0610	519.1676	Separated	1950	16.34728236	33380.46	4.305989	33003	0.820368
MI6090	BOTH	MS0610	236.467	Separated	1098	7.427544886	33380.46	1.948226	33003	0.3609807
MI6091	BOTH	MS0611	207.0069	Separated	2293	6.679455473	33380.46	1.507875	35602	0.3427824
MI6092	BOTH	MS0102	175.8709	Separated	1950	9.024406465	33380.46	1.922949	35602	0.3557733
MI6093	BOTH	MS0102	430.4858	Separated	4042	21.99612747	33380.46	4.614936	35602	0.7864961
MI6098	BOTH	MS0102	363.638	Separated	2130	18.83511284	33380.46	9.601802	33003	0.73183
MI6099	BOTH	MS0608	402.6444	Separated	4547	40.41519501	33380.46	6.439175	35602	0.8551393
MI6104	BOTH	MS0602	239.6819	Separated	3158	9.947579432	33380.46	2.684021	33003	0.4518562
MI6105	BOTH	MS0102	269.1702	Separated	1772	9.642512862	35602.33	6.065427	33003	1.1759808
MI6106	BOTH	MS0102	537.5603	Separated	6433	18.56459318	35602.33	11.26302	33003	1.4955202
MI6110	BOTH	MS0102	65.59194	Separated	720	3.359686021	33380.46	0.711247	35602	0.1272501
MI6127	BOTH	MS0607	33.65892	Separated	274	3.36368851	33380.46	0.685641	35602	0.0477573
MI6129	BOTH	MS0607	15.7809	Separated	195	1.58388676	33380.46	0.328195	35602	0.0285685



**Simulation Condition: Current 2000**

										Avg. Flow (cfs)	
MI6148	BOTH	MS0102	119.0061	Separated	1446	4.075326103	35602.33	2.45665	33003	0.2942635	
MI6179	BOTH	MS0613	56.7053	Separated	0	0	0	0	0	0	
RH5001	BOTH	MS0532	1152.683	Separated	374	6.011738485	33380.46	3.072839	33003	0.3501386	
RH5002	BOTH	MS0531	645.5482	Separated	271	3.708303355	33003.38	3.058997	33003	0.2696413	
RH5005	BOTH	MS0509	370.4299	Separated	144	3.609338274	34079.17	3.201042	34079	0.6112623	
RH5007	BOTH	MS0532	335.7	Separated	125	1.190730517	33003.38	0.993739	33003	0.1121615	
SF6004	BOTH	MS0102	120.476	Separated	1189	6.175428911	33380.46	1.310846	35602	0.237823	
SF6005	BOTH	MS0102	224.5455	Separated	1198	11.38837953	33380.46	2.323375	35602	0.3333484	
SF6007	BOTH	MS0611	56.80336	Separated	354	1.825833081	33380.46	0.40757	35602	0.0882243	
SF6008	BOTH	MS0610	50.32993	Separated	596	1.64562997	33380.46	0.461027	33003	0.1219091	
SF6009	BOTH	MS0102	74.76341	Separated	556	3.820144411	33380.46	0.801514	35602	0.1366186	
SF6010	BOTH	MS0101	99.84608	Separated	769	2.077012865	33003.38	1.70864	33003	0.2390098	
SF6011	BOTH	MS0101	110.6228	Separated	0	0	0	0	0	0	
SF6013	BOTH	MS0612	98.44154	Separated	436	4.131209685	33380.46	0.954936	35602	0.261272	
SF6014	BOTH	MS0102	73.28777	Separated	0	0	0	0	0	0	
WE6020	BOTH	MS0609	167.7022	Separated	2126	25.3312554	33380.46	4.711974	35602	0.5498092	
WM6004	BOTH	MS0102	154.4027	Separated	15	10.53264924	33380.46	6.608151	33003	2.8415003	

**JIIWWTP**

CS5073#1	Jones Island	MS0505-C	88.2402	Combined	750	124.9723611	33380.46	12.9702	35602	0.360413
CS5073#2	Jones Island	MS0505-C	526.7218	Combined	8079	815.4896314	33380.46	83.44941	35602	2.9789584
CS5074A1	Jones Island	MS0505-C	62.25747	Combined	1697	96.4085755	33380.46	9.948961	35602	0.4522009
CS5074A2	Jones Island	MS0505-C	80.6004	Combined	2437	116.6346929	33380.46	12.41445	35602	0.7602693
CS5134#1	Jones Island	MS0504-C	396.0913	Combined	3552	618.2150834	33380.46	62.94868	35602	2.0377182
CS5134#2	Jones Island	MS0504-C	100.8093	Combined	2008	156.7640794	33380.46	16.0131	35602	0.5620051
CS5135#1	Jones Island	JIIWWTP-C	85.89112	Combined	1263	126.216192	33380.46	13.00771	35602	0.3933159
CS5135A1	Jones Island	JIIWWTP-C	58.1836	Combined	1027	88.3871264	33380.46	9.069725	35602	0.3101024
CS5135A2	Jones Island	JIIWWTP-C	9.496711	Combined	0	15.13517425	33380.46	1.533574	35602	0.0492222
CS5135A3	Jones Island	JIIWWTP-C	104.8444	Combined	1987	160.0914144	33380.46	16.4237	35602	0.5795378
CS5136#1	Jones Island	JIIWWTP-C	380.7327	Combined	6114	574.4383361	33380.46	58.90177	35602	1.8559603
CS5137#1	Jones Island	JIIWWTP-C	28.39557	Combined	334	39.17213473	33380.46	4.095786	35602	0.1199006
CS5139#1	Jones Island	JIIWWTP-C	33.59514	Combined	680	52.83759626	33380.46	5.395414	35602	0.2031466
CS5140#1	Jones Island	JIIWWTP-C	112.5051	Combined	1735	172.4634305	33380.46	18.10439	35602	1.08258
CS5141#1	Jones Island	JIIWWTP-C	72.4573	Combined	1229	110.3234835	33380.46	11.34484	35602	0.4227857
CS5141#2	Jones Island	JIIWWTP-C	7.107819	Combined	498	11.11755502	33380.46	1.165241	35602	0.0768919
CS5142A1	Jones Island	JIIWWTP-C	127.6033	Combined	6542	199.1148667	33380.46	20.70633	35602	1.1700599
CS5144#1	Jones Island	JIIWWTP-C	19.17026	Combined	730	29.50969454	33380.46	3.05139	35602	0.1419258
CS5145#1	Jones Island	JIIWWTP-C	17.58099	Combined	1277	27.78399893	33380.46	2.912022	35602	0.1996812
CS5146#1	Jones Island	JIIWWTP-C	32.75626	Combined	1676	51.30201772	33380.46	5.330893	35602	0.3015947
CS5147#1	Jones Island	JIIWWTP-C	10.56812	Combined	156	15.81059756	33380.46	1.627698	35602	0.0551503
CS5147#2	Jones Island	JIIWWTP-C	13.00473	Combined	450	20.73611794	33380.46	2.125943	35602	0.0973421
CS5148#1	Jones Island	JIIWWTP-C	12.08996	Combined	386	19.35256279	33380.46	1.980925	35602	0.089021
CS5193#1	Jones Island	MS0501-C	1555.948	Combined	30218	2342.108864	33380.46	242.2131	35602	9.7304794
CS5193#2	Jones Island	MS0501-C	19.1813	Combined	273	30.11563717	33380.46	3.065263	35602	0.1017751
CS5193#3	Jones Island	MS0501-C	42.51664	Combined	719	66.21931977	33380.46	6.757952	35602	0.2310485
CS5193#4	Jones Island	MS0501-C	128.8465	Combined	3154	200.312472	33380.46	20.5575	35602	0.8260817
CS5193#5	Jones Island	MS0501-C	108.728	Combined	1309	137.8244717	33380.46	14.70987	35602	0.4078012
CS5195#1	Jones Island	MS0501-C	1340.874	Combined	24263	1989.473232	33380.46	205.5259	35602	7.2722517
CS5196A1	Jones Island	MS0501-C	374.5674	Combined	10132	573.45267	33380.46	59.11262	35602	2.4386023
CS5197A1	Jones Island	JIIWWTP-C	44.16893	Combined	1086	65.32396306	33380.46	7.334418	35602	0.8705149
CS5198#1	Jones Island	JIIWWTP-C	273.0722	Combined	4114	411.1334422	33380.46	42.21232	35602	1.3705894
CS5199#1	Jones Island	JIIWWTP-C	39.5813	Combined	593	60.30630109	33380.46	6.174051	35602	0.199517
CS5200#1	Jones Island	JIIWWTP-C	103.1897	Combined	855	148.6413588	33380.46	15.33576	35602	0.3987297
CS5200A1	Jones Island	JIIWWTP-C	216.6316	Combined	3893	322.7004741	33380.46	33.2378	35602	1.1058094
CS5200A2	Jones Island	JIIWWTP-C	150.8577	Combined	1877	232.9072074	33380.46	23.71943	35602	0.7046671
CS5201#1	Jones Island	JIIWWTP-C	35.22881	Combined	459	52.66928281	33380.46	5.417105	35602	0.1765519
CS5201A1	Jones Island	JIIWWTP-C	182.4997	Combined	1217	269.7761214	33380.46	27.66035	35602	0.7157976
CS5205#1	Jones Island	JIIWWTP-C	4.245064	Combined	0	5.97840788	33380.46	0.618088	35602	0.0136263
CS5206#1	Jones Island	JIIWWTP-C	5.42187	Combined	0	8.806758649	33380.46	0.884971	35602	0.0241669
CS5228#1	Jones Island	JIIWWTP-C	193.5518	Combined	5759	301.6420556	33380.46	30.94799	35602	1.261088
CS5372A1	Jones Island	MS0501-C	76.27689	Combined	1232	117.4329067	33380.46	12.03546	35602	0.4339871
CS5372A2	Jones Island	MS0501-C	79.74701	Combined	116	96.63598311	33380.46	10.36078	35602	0.1958353
CS5372A3	Jones Island	MS0501-C	9.979246	Combined	51	14.1360716	33380.46	1.467525	35602	0.0414426
CS5500#1	Jones Island	MS0504-C	167.3982	Combined	1730	256.7545089	33380.46	26.27571	35602	0.8836066
CS6328#1	Jones Island	JIIWWTP-C	9.853909	Combined	178	14.78863592	33380.46	1.51945	35602	0.0492552
CS6330#1	Jones Island	JIIWWTP-C	31.09591	Combined	126	37.54987093	33380.46	4.025475	35602	0.0723439
CS6357#1	Jones Island	JIIWWTP-C	136.5872	Combined	4521	213.054342	33380.46	21.90936	35602	0.9557839
CS6358#1	Jones Island	JIIWWTP-C	17.95871	Combined	727	28.320334	33380.46	2.917951	35602	0.1419701
CS6358#2	Jones Island	JIIWWTP-C	76.07994	Combined	2103	115.1044345	33380.46	11.87542	35602	0.4675024
CS6359#1	Jones Island	JIIWWTP-C	63.08556	Combined	1615	93.92554986	33380.46	9.726126	35602	0.3824017



TABLE 9B-2 SHEET 12 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
 INFLUENT FLOWS AND WASTELoadS**  
 2020 FACILITIES PLAN

**Simulation Condition: Current 2000**

										Avg. Flow (cfs)	
CS6359#2	Jones Island	JIWWTP-C	58.1611	Combined	26	67.96607932	33380.46	7.342737	35602	0.1204053	
CS6360#1	Jones Island	JIWWTP-C	88.67844	Combined	2848	136.9405785	33380.46	14.11772	35602	0.6198174	
CS6361#1	Jones Island	JIWWTP-C	46.51818	Combined	1371	74.15354819	33380.46	7.60184	35602	0.3467999	
CS6362#1	Jones Island	JIWWTP-C	18.42404	Combined	682	28.28331581	33380.46	2.926322	35602	0.1360099	
CS6363#1	Jones Island	JIWWTP-C	291.8304	Combined	10775	454.3378049	33380.46	46.86005	35602	0.1800965	
CS6363#2	Jones Island	JIWWTP-C	30.69958	Combined	1052	47.78321013	33380.46	4.923647	35602	0.2233954	
CS6364#1	Jones Island	JIWWTP-C	84.08992	Combined	2200	117.4927127	33380.46	12.33794	35602	0.4677724	
CS6366#1	Jones Island	JIWWTP-C	43.04924	Combined	1445	66.93359964	33380.46	6.891783	35602	0.3048817	
CS6366#2	Jones Island	JIWWTP-C	42.52817	Combined	759	69.24498791	33380.46	7.039906	35602	0.2916364	
CS6366#3	Jones Island	JIWWTP-C	17.90081	Combined	616	28.71215547	33380.46	2.944908	35602	0.1406624	
CS6366#4	Jones Island	JIWWTP-C	21.70351	Combined	787	33.59708304	33380.46	3.467865	35602	0.1592881	
CS6368A1	Jones Island	JIWWTP-C	245.546	Combined	4540	388.0126517	33380.46	39.55751	35602	1.4640052	
CS6369#1	Jones Island	JIWWTP-C	25.24905	Combined	61	35.47208008	33380.46	3.682461	35602	0.096321	
CS7207#1	Jones Island	JIWWTP-C	117.9616	Combined	801	145.0891107	33380.46	15.52115	35602	0.3312729	
CS7207#2	Jones Island	JIWWTP-C	242.2916	Combined	5531	358.7094989	33380.46	37.08093	35602	1.327532	
CS7208#1	Jones Island	JIWWTP-C	508.2163	Combined	12314	773.414489	33380.46	79.5931	35602	3.0257908	
CS7209#1	Jones Island	JIWWTP-C	48.60565	Combined	696	72.3817137	33380.46	7.444678	35602	0.2348089	
CS7209#2	Jones Island	JIWWTP-C	10.59756	Combined	339	15.95749424	33380.46	1.651528	35602	0.0689036	
CS7210#1	Jones Island	JIWWTP-C	15.74492	Combined	54	23.42569615	33380.46	2.402877	35602	0.0676226	
CS7211#1	Jones Island	JIWWTP-C	111.3701	Combined	535	175.6649637	33380.46	17.84819	35602	0.5819627	
CS7212#1	Jones Island	JIWWTP-C	5.682983	Combined	0	8.420283634	33380.46	0.862847	35602	0.0223047	
CS7213#1	Jones Island	JIWWTP-C	122.5889	Combined	1211	193.5613029	33380.46	19.64794	35602	0.6243717	
CS7214A1	Jones Island	JIWWTP-C	5.042607	Combined	0	8.404502701	33380.46	0.837028	35602	0.0195601	
CS7215#1	Jones Island	JIWWTP-C	25.67361	Combined	4	42.44834182	33380.46	4.242474	35602	0.1080701	
CS7215#2	Jones Island	JIWWTP-C	39.93179	Combined	0	67.91442531	33380.46	6.734798	35602	0.1573883	
CS7216#1	Jones Island	JIWWTP-C	105.4105	Combined	661	153.0723377	33380.46	15.77704	35602	0.4272052	
CS7217#1	Jones Island	JIWWTP-C	70.32268	Combined	1819	107.0758981	33380.46	11.03009	35602	0.4333092	
CS7218#1	Jones Island	JIWWTP-C	108.3613	Combined	1682	165.43601	33380.46	17.12669	35602	0.736932	
CS7219A1	Jones Island	JIWWTP-C	2.355302	Combined	21	3.933321693	33380.46	0.395948	35602	0.0143776	
CS7220#1	Jones Island	JIWWTP-C	17.53143	Combined	35	27.96535741	33380.46	2.828412	35602	0.085419	
CS7221#1	Jones Island	JIWWTP-C	8.17869	Combined	71	13.04223693	33380.46	1.326655	35602	0.0487554	
CS7222#1	Jones Island	JIWWTP-C	6.72149	Combined	0	11.23567835	33380.46	1.129024	35602	0.0389354	
CS7223#1	Jones Island	JIWWTP-C	31.98405	Combined	0	52.45673695	33380.46	5.287309	35602	0.1760059	
CS7224#1	Jones Island	JIWWTP-C	11.35187	Combined	0	18.72298435	33380.46	1.884838	35602	0.062709	
CS7225#1	Jones Island	JIWWTP-C	24.609	Combined	1	41.43722009	33380.46	4.139451	35602	0.1219739	
CS7227#1	Jones Island	JIWWTP-C	41.05845	Combined	64	64.00813841	33380.46	6.478423	35602	0.1623455	
CS7227#2	Jones Island	JIWWTP-C	14.23046	Combined	0	24.24756274	33380.46	2.405386	35602	0.0583095	
CS7228A1	Jones Island	JIWWTP-C	26.46935	Combined	869	41.06128169	33380.46	4.225279	35602	0.1814608	
CS7230#1	Jones Island	JIWWTP-C	37.37563	Combined	1042	55.86369769	33380.46	5.782743	35602	0.2310716	
CS7231#1	Jones Island	JIWWTP-C	12.3189	Combined	48	19.48644075	33380.46	1.980049	35602	0.0682113	
CS7232#1	Jones Island	JIWWTP-C	48.30357	Combined	767	75.05707546	33380.46	7.671123	35602	0.2725628	
CS7233#1	Jones Island	JIWWTP-C	35.96425	Combined	595	56.43087042	33380.46	5.755991	35602	0.2058883	
CS7234#1	Jones Island	JIWWTP-C	6.414984	Combined	0	10.43226437	33380.46	1.04943	35602	0.0302749	
CS7234A1	Jones Island	JIWWTP-C	69.69316	Combined	2260	106.961597	33380.46	11.05622	35602	0.5010965	
CS7235#1	Jones Island	JIWWTP-C	24.75103	Combined	101	41.0719127	33380.46	4.104884	35602	0.1082799	
CS7236#1	Jones Island	JIWWTP-C	15.12638	Combined	153	24.92774138	33380.46	2.508723	35602	0.0820801	
CS7237#1	Jones Island	JIWWTP-C	6.746433	Combined	292	11.1571737	33380.46	1.144596	35602	0.0636566	
CS7238A1	Jones Island	JIWWTP-C	23.32763	Combined	0	36.16488748	33380.46	3.662741	35602	0.0892148	
CS7239#1	Jones Island	JIWWTP-C	2.889546	Combined	1	4.749740858	33380.46	0.476205	35602	0.013177	
CS7239A1	Jones Island	JIWWTP-C	3.758763	Combined	0	5.828375666	33380.46	0.589488	35602	0.0134505	
CS7239B1	Jones Island	JIWWTP-C	4.022915	Combined	0	6.234880535	33380.46	0.633498	35602	0.0177592	
CS7240#1	Jones Island	JIWWTP-C	14.15549	Combined	195	23.22193209	33380.46	2.531469	35602	0.2857076	
CS7241#1	Jones Island	JIWWTP-C	5.972694	Combined	0	9.949298653	33380.46	0.999252	35602	0.0330082	
CS7242#1	Jones Island	JIWWTP-C	23.68634	Combined	19	39.04809394	33380.46	3.933925	35602	0.1338506	
CS7243#1	Jones Island	JIWWTP-C	80.2359	Combined	48	128.9603721	33380.46	13.18967	35602	0.5757801	
CS7244#1	Jones Island	JIWWTP-C	18.04441	Combined	64	30.43414028	33380.46	3.039115	35602	0.0894446	
CS7245#1	Jones Island	JIWWTP-C	13.0102	Combined	217	21.5075592	33380.46	2.184074	35602	0.0958373	
CS7246#1	Jones Island	JIWWTP-C	36.67454	Combined	204	60.20941811	33380.46	6.067525	35602	0.2020945	
CS7247#1	Jones Island	JIWWTP-C	14.81592	Combined	5	22.70125416	33380.46	2.312668	35602	0.0649341	
CS7248A1	Jones Island	JIWWTP-C	42.04358	Combined	0	66.7996211	33380.46	6.742278	35602	0.1806107	
CS7325#1	Jones Island	JIWWTP-C	617.8998	Combined	17149	932.0943038	33380.46	96.31376	35602	3.8876722	
CS7327#1	Jones Island	JIWWTP-C	115.818	Combined	1542	167.0272628	33380.46	17.30408	35602	0.5388189	
CS7331#1	Jones Island	JIWWTP-C	35.19732	Combined	572	55.80988344	33380.46	5.682736	35602	0.2072154	
CS7335#1	Jones Island	JIWWTP-C	13.37247	Combined	262	20.83469538	33380.46	2.125209	35602	0.0721669	
CS7336#1	Jones Island	JIWWTP-C	12.49961	Combined	246	19.34265445	33380.46	1.976117	35602	0.0671755	
CS7337#1	Jones Island	JIWWTP-C	369.9962	Combined	5899	569.463161	33380.46	58.1085	35602	2.3979008	
CS7338#1	Jones Island	JIWWTP-C	424.1289	Combined	5950	635.4310381	33380.46	65.2381	35602	2.0277383	
CS7339#1	Jones Island	JIWWTP-C	63.71693	Combined	1026	98.31095319	33380.46	10.07542	35602	0.3713383	
CS7340#1	Jones Island	JIWWTP-C	64.08398	Combined	25	97.53381575	33380.46	9.956218	35602	0.2850932	
CS7341#1	Jones Island	JIWWTP-C	14.88524	Combined	146	23.09176493	33380.46	2.357614	35602	0.079916	



TABLE 9B-2 SHEET 13 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
 INFLUENT FLOWS AND WASTELOADS**  
 2020 FACILITIES PLAN  
 6/5/07

**Simulation Condition: Current 2000**

									Avg. Flow (cfs)	
1S7342#1	Jones Island	JIWWTP-C	12.7379	Combined	0	18.22144068	33380.46	1.875878	35602	0.040345
1S7343#1	Jones Island	JIWWTP-C	7.654121	Combined	24	9.849504911	33380.46	1.040959	35602	0.022029
1S7344A1	Jones Island	JIWWTP-C	150.8447	Combined	291	224.2082893	33380.46	22.88812	35602	0.509922
1S7344A2	Jones Island	JIWWTP-C	37.17144	Combined	790	59.44574971	33380.46	6.044613	35602	0.2240
1S7344A3	Jones Island	JIWWTP-C	2.517604	Combined	12	3.638623062	33380.46	0.37442	35602	0.008931
1S7344A4	Jones Island	JIWWTP-C	7.201403	Combined	0	9.976318742	33380.46	1.032322	35602	0.0189
1S7344A5	Jones Island	JIWWTP-C	85.09085	Combined	3096	130.7365147	33380.46	13.50885	35602	0.610515
1S7344A6	Jones Island	JIWWTP-C	297.3712	Combined	7020	450.3571103	33380.46	46.36769	35602	1.727028
1S7344A7	Jones Island	JIWWTP-C	382.8284	Combined	11653	593.1267736	33380.46	61.02259	35602	2.587841
1S7345#1	Jones Island	JIWWTP-C	21.69862	Combined	185	34.0931967	33380.46	3.48064	35602	0.129321
1S7345#2	Jones Island	JIWWTP-C	50.44984	Combined	2109	78.47296191	33380.46	8.11671	35602	0.402184
1S7345#3	Jones Island	JIWWTP-C	14.72894	Combined	542	23.35028409	33380.46	2.400873	35602	0.114342
1S7345A1	Jones Island	JIWWTP-C	59.67293	Combined	1358	92.54972115	33380.46	9.491848	35602	0.370691
1S7346#1	Jones Island	JIWWTP-C	35.99787	Combined	129	55.78093986	33380.46	5.683717	35602	0.177780
1S7370#1	Jones Island	JIWWTP-C	17.43137	Combined	0	23.60037892	33380.46	2.470247	35602	0.061921
1S7380#1	Jones Island	JIWWTP-C	58.09931	Combined	0	90.62012066	33380.46	10.32631	35602	1.481021
1S7380#2	Jones Island	JIWWTP-C	153.5862	Combined	2720	230.6084588	33380.46	23.72341	35602	0.80646
1S7381#1	Jones Island	JIWWTP-C	45.23527	Combined	656	67.35733579	33380.46	6.933872	35602	0.225475
1S7384B1	Jones Island	JIWWTP-C	12.75436	Combined	0	21.15216789	33380.46	2.129559	35602	0.073977
1S7386#1	Jones Island	JIWWTP-C	67.1831	Combined	475	108.643902	33380.46	10.95729	35602	0.333410
1S7387#1	Jones Island	JIWWTP-C	37.95249	Combined	0	55.34992449	33380.46	5.699248	35602	0.154549
1S7388#1	Jones Island	JIWWTP-C	27.44772	Combined	0	43.3009919	33380.46	4.370402	35602	0.108902
1S7390#1	Jones Island	JIWWTP-C	16.17667	Combined	0	24.58462601	33380.46	2.511306	35602	0.072931
1S7394#1	Jones Island	JIWWTP-C	20.35607	Combined	95	31.64488044	33380.46	3.220756	35602	0.099229
1S7396#1	Jones Island	JIWWTP-C	69.76762	Combined	572	109.5910551	33380.46	11.17294	35602	0.396545
1S7398#1	Jones Island	JIWWTP-C	38.94533	Combined	124	61.03783198	33380.46	6.210804	35602	0.202815
1S7399#1	Jones Island	JIWWTP-C	16.01838	Combined	152	25.41364493	33380.46	2.586539	35602	0.093359
1S7400#1	Jones Island	JIWWTP-C	5.154682	Combined	22	8.369545722	33380.46	0.843179	35602	0.025439
1S7400#2	Jones Island	JIWWTP-C	21.49492	Combined	348	33.91279764	33380.46	3.460257	35602	0.129986
1S7400A1	Jones Island	JIWWTP-C	3.254504	Combined	114	5.107150437	33380.46	0.526229	35602	0.024963
1S7401#1	Jones Island	JIWWTP-C	11.1216	Combined	0	17.29025577	33380.46	1.751991	35602	0.044966
1S7402#1	Jones Island	JIWWTP-C	26.79365	Combined	26	37.23511575	33380.46	3.862785	35602	0.085851
1S7403#1	Jones Island	JIWWTP-C	31.90973	Combined	11	48.89520417	33380.46	4.984039	35602	0.143369
1S7403A1	Jones Island	JIWWTP-C	3.301718	Combined	0	5.394454173	33380.46	0.543375	35602	0.017156
1S7404#1	Jones Island	JIWWTP-C	48.14391	Combined	66	71.15365444	33380.46	7.303135	35602	0.19757
1S7405#1	Jones Island	JIWWTP-C	7.899434	Combined	4	12.3670349	33380.46	1.253871	35602	0.035349
1S7406#1	Jones Island	JIWWTP-C	8.795393	Combined	0	14.31537661	33380.46	1.441753	35602	0.043880
1S7407#1	Jones Island	JIWWTP-C	26.2277	Combined	2	36.49192016	33380.46	3.796902	35602	0.098809
1L5001	Jones Island	MS0508	147.4589	Separated	132	1.523367393	33003.33	1.232071	33003	0.105651
1L5002	Jones Island	MS0505-S	158.9886	Separated	805	0.939781594	33003.38	0.838237	34079	0.259813
1L5004	Jones Island	MS0505-S	267.4918	Separated	1554	1.666144563	33003.42	1.480882	34079	0.50508
1L5007	Jones Island	MS0505-S	318.9783	Separated	233	2.04161254	33003.42	1.809666	34079	0.644427
1L5008	Jones Island	MS0526	139.5566	Separated	1008	7.043526454	33380.46	1.219165	35602	0.201657
1L5009	Jones Island	MS0503	65.24874	Separated	459	1.625172245	33003.38	1.334397	33003	0.172337
1L5011	Jones Island	MS0505-S	107.3367	Separated	148	0.647970754	33003.38	0.577215	34079	0.186289
1L5012	Jones Island	MS0505-S	155.2417	Separated	600	1.069503961	33003.46	0.93897	34079	0.369707
1L5013	Jones Island	MS0505-S	42.31837	Separated	677	0.335523168	33003.46	0.289306	34079	0.132888
1L5014	Jones Island	MS0504-S	175.3013	Separated	402	2.310431749	33003.38	1.912616	33003	0.308959
1L5016	Jones Island	MS0504-S	228.491	Separated	3	3.209942795	33003.38	2.657482	33003	0.562676
1L5018	Jones Island	MS0508	214.9675	Separated	869	2.202146741	33003.33	1.783282	33003	0.141302
1L5023	Jones Island	MS0505-S	345.0157	Separated	963	4.425233626	33003.38	3.663142	33003	0.509744
1L5054	Jones Island	MS0505-S	212.0958	Separated	0	0	0	0	0	0
1L5023	Jones Island	MS0516	489.6901	Separated	5542	3.435101951	33003.33	2.724426	33003	0.721857
1L5024	Jones Island	MS0515	223.1866	Separated	3915	8.939087605	33003.33	7.166397	33003	0.646981
1L5025	Jones Island	MS0504-S	280.1048	Separated	4196	4.594281725	33003.38	3.793432	33003	0.819854
1L5045	Jones Island	MS0514	112.507	Separated	1985	6.109056688	33380.46	3.195049	33003	0.520647
1L5048	Jones Island	MS0514	531.536	Separated	10433	29.3283732	33380.46	15.54502	33003	2.908200
1L5049	Jones Island	MS0513	142.1663	Separated	1901	7.64807174	33003.38	6.290658	33003	0.848113
1L5050	Jones Island	MS0504-S	88.62301	Separated	947	1.484148727	33003.38	1.225541	33003	0.284019
1L5051	Jones Island	MS0511	369.0153	Separated	5571	11.27785652	33003.33	9.070388	33003	0.940439
1L5052	Jones Island	MS0512	94.30206	Separated	1393	1.629423487	33003.29	1.367879	33003	0.469205
1L5053	Jones Island	MS0510	189.1315	Separated	1385	3.927098608	33003.33	3.250305	33003	0.701188
1L5054	Jones Island	MS0504-S	330.1087	Separated	4416	33.65771847	33380.46	7.002829	35602	0.947823
1L5056	Jones Island	MS0504-S	208.4306	Separated	1475	2.891286486	33003.38	2.393628	33003	0.483585
1L5057	Jones Island	MS0504-S	171.4201	Separated	348	2.654752191	33003.38	2.19147	33003	0.37529
1L5058	Jones Island	MS0528	240.9075	Separated	3313	6.168762481	33003.33	4.981717	33003	0.658688
1L5059	Jones Island	MS0503	544.9372	Separated	4716	6.38389259	33003.38	5.34959	33003	1.734166
1L5060	Jones Island	MS0505-S	124.5734	Separated	567	0.721080156	33003.38	0.644005	34079	0.191263
1L5069	Jones Island	JIWWTP-S	482.6026	Separated	2368	7.916239277	33003.33	7.290459	34079	4.66433
1L5115	Jones Island	MS0504-S	72.94228	Separated	424	1.030945961	33003.38	0.853518	33003	0.184638





**Simulation Condition: Current 2000**

										Avg. Flow (cfs)	
MI5143	Jones Island	MS0505-S	68.94363	Separated	276	0.39644214	33003.38	0.354214	34079	0.1037319	
MI5144	Jones Island	MS0526	75.6606	Separated	969	3.858744096	33380.46	0.700505	35602	0.1456002	
MI5145	Jones Island	MS0527	104.7709	Separated	1399	3.865768762	35602.33	2.542043	33003	0.3646572	
MI5157	Jones Island	MS0504-S	185.6549	Separated	2778	5.717690558	33003.38	4.670003	33003	0.5697564	
MI5162	Jones Island	MS0504-S	156.1672	Separated	870	2.41873107	33003.38	1.996638	33003	0.342063	
MI5167	Jones Island	JIIWWTP-L	7.604166	Separated	0	0.003880251	34079.17	0.00343	34079	0.0006853	
MI5169	Jones Island	JIIWWTP-S	102.3426	Separated	430	1.547820644	33003.38	1.28633	33003	0.2040545	
MI5170	Jones Island	MS0503	243.5093	Separated	2236	2.686697631	33003.38	2.252897	33003	0.6411318	
MI5173	Jones Island	JIIWWTP-L	192.9047	Separated	0	0.849722013	33003.38	0.815768	33003	0.6622019	
MI5174	Jones Island	JIIWWTP-L	111.7025	Separated	3	0.260134004	33003.38	0.220778	33003	0.0429365	
MI5300	Jones Island	MS0501-S	477.0279	Separated	8248	11.26460413	33380.46	5.286741	33003	1.4630135	
MI6072	Jones Island	MS0603	212.447	Separated	1619	5.129831079	33380.46	2.624577	33003	0.8675216	
MI6108	Jones Island	JIIWWTP-S	66.49516	Separated	279	1.560274454	33003.33	1.275952	33003	0.1005327	
MI6112	Jones Island	MS0603	197.3985	Separated	2178	4.469647482	33380.46	2.083736	33003	0.4470715	
MI6165	Jones Island	JIIWWTP-S	177.7243	Separated	0	4.55101E-05	32144.29	2.53E-05	32144	2.321E-05	
MI6166	Jones Island	JIIWWTP-S	22.98456	Separated	0	0	0	0	0	0	
MI7070	Jones Island	JIIWWTP-S	666.0321	Separated	1193	15.14200626	33380.46	7.414762	33003	1.9151954	
MI7109	Jones Island	MS0703	365.7023	Separated	3303	18.48977534	33380.46	3.62502	35602	0.49079	
MI7111	Jones Island	MS0704	49.64688	Separated	860	1.113403288	33380.46	0.372219	33003	0.12984	
MI7149	Jones Island	JIIWWTP-S	12.5119	Separated	33	0.655984581	33380.46	0.338828	33003	0.0296156	
MI7163	Jones Island	JIIWWTP-S	44.59657	Separated	0	0	0	0	0	0	
MI7164	Jones Island	JIIWWTP-S	115.9231	Separated	0	0.108721039	32148.54	0.07934	32148	0.0735653	
MI7171	Jones Island	JIIWWTP-S	131.2672	Separated	5	6.86009516	33380.46	3.538949	33003	0.2953244	
MI7172	Jones Island	JIIWWTP-S	80.44987	Separated	0	1.805427583	33380.46	0.878746	33003	0.2149256	
MI7175	Jones Island	JIIWWTP-L	229.7915	Separated	521	0.295485487	33003.38	0.243502	33003	0.0378835	
MI7176	Jones Island	JIIWWTP-L	113.7473	Separated	0	0.679259929	33003.38	0.559505	33003	0.0517944	
MI7177	Jones Island	JIIWWTP-L	672.0996	Separated	2	2.629487301	33003.38	2.169204	33003	0.6549104	
MI7178	Jones Island	JIIWWTP-L	75.81112	Separated	13	0.045266451	33003.38	0.037286	33003	0.0034477	
MI7301	Jones Island	JIIWWTP-M	22.68579	Separated	0	0.114362076	33003.46	0.092879	33003	0.0412205	
MI7302	Jones Island	JIIWWTP-M	33.86421	Separated	0	0.091511733	32148.54	0.066781	32148	0.0619217	
MI7303	Jones Island	JIIWWTP-M	14.41582	Separated	0	0.901520705	33003.46	0.877921	33003	0.8125525	
MI7304	Jones Island	JIIWWTP-M	20.10597	Separated	0	0.277579489	33003.38	0.22884	33003	0.0484922	
MI7305											
MI7306											
RH5006	Jones Island	MS0505-S	126.4712	Separated	150	1.57735283	33003.38	1.305655	33003	0.1507573	
SF7001	Jones Island	MS0704	311.9283	Separated	2390	6.63658559	33380.46	2.010772	33003	0.4911694	
SF7002	Jones Island	MS0704	172.4787	Separated	261	3.535028387	33380.46	0.988844	33003	0.1498082	
SF7012	Jones Island	MS0704	46.18591	Separated	0	0.016383649	32144.29	0.009108	32144	0.0083572	
SH5001	Jones Island	MS0522	88.84635	Separated	1335	7.308257096	33380.46	1.888344	33003	0.2844269	
SH5002	Jones Island	MS0505-S	57.3223	Separated	525	0.414445724	33003.46	0.361523	34079	0.1507746	
SH5003	Jones Island	MS0505-S	53.68056	Separated	1170	0.484173118	33003.46	0.411385	34079	0.2113248	
SH5005	Jones Island	MS0505-S	19.35279	Separated	275	0.146548	33003.46	0.127078	34079	0.0557405	
SH5006	Jones Island	MS0523	163.8987	Separated	2379	12.41293934	33380.46	1.844412	35602	0.3320829	
SH5007	Jones Island	MS0505-S	65.07409	Separated	0	0	0	0	0	0	
SH5008	Jones Island	JIIWWTP-L	47.60607	Separated	0	0	0	0	0	0	
SH5009											
WA5025	Jones Island	JIIWWTP-S	9.979742	Separated	176	0.15564426	35602.33	0.122013	33003	0.0281167	
WB5001	Jones Island	MS0505-S	110.737	Separated	1611	0.846329318	33003.46	0.733043	34079	0.3246276	
WB5002	Jones Island	MS0505-S	87.3047	Separated	915	0.609174929	33003.46	0.533902	34079	0.2135417	
WB5003	Jones Island	MS0523	86.55741	Separated	1068	6.52884722	33380.46	0.947819	35602	0.1513019	
WB5004	Jones Island	MS0524	256.4816	Separated	1703	5.830207078	35602.33	3.608443	33003	0.5642046	
WB5005	Jones Island	MS0507	269.5221	Separated	3160	4.67629445	35602.33	3.621863	33003	0.6987364	
WB5007	Jones Island	MS0507	314.0848	Separated	3624	5.470582319	35602.33	4.234183	33003	0.8276165	
WB5008	Jones Island	MS0525	202.7792	Separated	1483	2.978184909	33003.33	2.43314	33003	0.3780163	
WB5009	Jones Island	MS0505-S	35.76832	Separated	599	0.288163129	33003.46	0.247994	34079	0.1156583	
WE6019	Jones Island	MS0103	95.29005	Separated	1412	5.436069846	33380.46	1.33845	35602	0.2510718	
WE6021	Jones Island	MS0604	272.5089	Separated	3698	15.49976053	33380.46	3.786946	35602	0.679631	
WE6024	Jones Island	MS0603	14.61517	Separated	266	0.3342927	33380.46	0.156687	33003	0.0354435	
WM6001	Jones Island	MS0603	211.1434	Separated	524	4.572832856	33380.46	2.079844	33003	0.3333555	
WM6002	Jones Island	MS0604	44.96492	Separated	889	2.56623339	33380.46	0.632543	35602	0.1193815	
WM6003	Jones Island	MS0603	140.9619	Separated	458	3.128033362	33380.46	1.44235	33003	0.2748788	
WM6010	Jones Island	MS0605	32.50542	Separated	610	1.503891238	33380.46	0.370997	35602	0.0570052	
WM6011	Jones Island	MS0606	85.73129	Separated	1606	12.1795841	33380.46	2.27021	35602	0.3669528	
WM7005	Jones Island	JIIWWTP-S	22.13889	Separated	0	0.540533171	33380.46	0.273116	33003	0.0895708	
WM7007	Jones Island	JIIWWTP-S	28.22391	Separated	99	0.693293255	33380.46	0.351186	33003	0.1171085	
<b>SSWWTP</b>											
CS4188#1	South Shore	MS0401-C	339.3375	Combined	5485	521.9133998	33380.46	53.41329	35602	1.8235071	
CS7183#1	South Shore	JIIWWTP-C	48.98922	Combined	545	76.32180938	33380.46	7.766269	35602	0.2398149	
BA4001	South Shore	MS0441	167.0314	Separated	683	0.929895589	33380.46	0.474938	33003	0.0981754	



TABLE 9B-2 SHEET 15 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
 INFLUENT FLOWS AND WASTELoadS**  
 2020 FACILITIES PLAN

**Simulation Condition: Current 2000**

										Avg. Flow (cfs)	
BA4002	South Shore	MS0440	417.9808	Separated	1322	4.610884742	35602.33	2.797097	33003	0.3660998	
BA4003	South Shore	MS0440	304.6581	Separated	291	3.204131526	35602.33	1.938707	33003	0.1677902	
BA4004	South Shore	MS0404	205.414	Separated	830	5.413660008	33003.33	4.368123	33003	0.2118467	
BA4005	South Shore	MS0409	24.8766	Separated	49	0.109267181	33003.33	0.089526	33003	0.0124465	
BA4006	South Shore	MS0440	150.6589	Separated	317	1.600695299	35602.33	0.969068	33003	0.0932151	
BA4007	South Shore	MS0409	39.89272	Separated	33	0.166748255	33003.33	0.137725	33003	0.0141763	
BA4008	South Shore	MS0404	152.5333	Separated	615	4.019801143	33003.33	3.243483	33003	0.1571842	
BA4009	South Shore	MS0406	76.39363	Separated	378	1.949807915	33003.33	1.618141	33003	0.1680748	
BD4001	South Shore	MS0401-S	386.6199	Separated	913	6.32138281	33003.38	5.274052	33003	0.9905477	
BD4002	South Shore	MS0401-S	393.1588	Separated	1982	6.260671172	33003.38	5.224291	33003	0.8721916	
BD4003	South Shore	MS0432	315.0503	Separated	1255	3.270179751	33003.33	2.694592	33003	0.481478	
BD4004	South Shore	MS0413	323.2315	Separated	1908	2.695352346	33003.33	2.224829	33003	0.4762866	
BD4005	South Shore	MS0413	255.3096	Separated	1419	2.165222562	33003.33	1.781977	33003	0.3996566	
BD4006	South Shore	MS0431	568.8099	Separated	2138	9.671741167	33003.33	7.918427	33003	1.0063825	
BD4007	South Shore	MS0413	104.436	Separated	575	0.865127979	33003.33	0.714937	33003	0.1501746	
BD4009	South Shore	MS0401-S	67.0676	Separated	440	1.060632216	33003.38	0.885097	33003	0.142858	
BD4010	South Shore	MS0433	7.183317	Separated	21	0.030009987	34079.29	0.02719	34079	0.0051511	
BD4011	South Shore	MS0431	163.1168	Separated	0	0.000383415	32144.29	0.000246	32144	0.0002321	
BR3001	South Shore	MS0337	698.9254	Separated	2427	9.066969179	35602.33	6.510052	33003	0.8884543	
BR3002	South Shore	MS0301	138.0149	Separated	236	0.592493862	33003.33	0.475167	33003	0.0646117	
BR3003	South Shore	MS0301	475.8547	Separated	1034	2.146739968	33003.29	1.702193	33003	0.286027	
BR3004	South Shore	MS0341	311.3599	Separated	140	4.17583825	33003.33	3.446528	33003	0.6068987	
BR3005	South Shore	MS0312	632.2222	Separated	1775	2.567988976	33003.29	2.066379	33003	0.3670396	
BR3006	South Shore	MS0335	1183.607	Separated	2640	6.026245863	34079.17	5.433363	34079	0.8561454	
BR3007	South Shore	MS0306	591.5313	Separated	854	6.794644832	35602.33	4.586557	33003	0.5705129	
BR3008	South Shore	MS0334	1400.128	Separated	3712	6.472291656	33003.33	5.725806	34079	1.4071926	
BR3009	South Shore	MS0312	1216.85	Separated	2977	4.772135995	33003.33	3.859872	33003	0.5902841	
BR3010	South Shore	MS0335	628.3834	Separated	688	3.299967848	34079.29	2.942759	34079	0.5221547	
BR3011	South Shore	MS0329	94.19176	Separated	188	0.778419312	34079.29	0.690667	34079	0.1907276	
BR3013	South Shore	MS0303	316.6605	Separated	505	2.790027692	33003.33	2.248991	33003	0.3332374	
BU3001	South Shore	MS0313	361.4753	Separated	1881	1.50771074	33003.46	1.291947	34079	0.6774583	
BU3002	South Shore	MS0303	147.5162	Separated	0	1.342261439	33003.29	1.075089	33003	0.1823646	
CU1003	South Shore	MS0110	359.3221	Separated	2044	4.926114989	35602.33	3.399713	33003	0.6218367	
CU1004	South Shore	MS0101	97.45796	Separated	287	1.899907949	33003.38	1.560467	33003	0.123848	
CU1017	South Shore	MS0101	351.9776	Separated	442	6.788515368	33003.38	5.575104	33003	0.3883212	
CU1020	South Shore	SSWWTP	51.67474	Separated	0	0.591777681	33380.46	0.184871	35602	0.0789668	
CV2001	South Shore	SSWWTP	637.8354	Separated	756	6.539116123	33380.46	1.527282	35602	0.2823917	
EG3001	South Shore	MS0332	230.6808	Separated	946	9.482863611	33380.46	3.708149	33003	0.3637321	
EG3002	South Shore	MS0306	358.2796	Separated	1121	4.139143867	35602.33	2.793163	33003	0.360568	
EG3003	South Shore	MS0330	27.74763	Separated	109	0.369776418	33003.33	0.305631	33003	0.046556	
EG3004	South Shore	MS0306	246.201	Separated	517	2.818790601	35602.33	1.90309	33003	0.2316327	
EG3005	South Shore	MS0331	311.0439	Separated	989	9.615407663	33380.46	4.974787	33003	0.3580998	
EG3006	South Shore	MS0335	229.8679	Separated	725	1.193317956	34079.29	1.068793	34079	0.1820642	
EG3007	South Shore	MS0306	475.5706	Separated	1294	5.644077799	35602.33	3.803292	33003	0.5733825	
EG3008	South Shore	MS0333	223.2012	Separated	548	2.070215868	33003.33	1.738195	34079	0.2644525	
FP4001	South Shore	MS0404	293.0001	Separated	1487	7.840990472	33003.33	6.311587	33003	0.3791612	
FP4002	South Shore	MS0406	126.5449	Separated	677	3.241358619	33003.33	2.688374	33003	0.2862843	
FP4003	South Shore	MS0439	342.4571	Separated	934	2.476296348	33003.33	2.043779	33003	0.2925196	
FP4004	South Shore	MS0404	240.8108	Separated	1002	6.373745936	33003.33	5.139341	33003	0.2659533	
FP4007	South Shore	MS0403	6.600773	Separated	53	0.661329728	33380.46	0.158875	33003	0.0091794	
FP4009	South Shore	MS0404	47.86853	Separated	271	1.279385977	33003.33	1.030042	33003	0.0608929	
FR1010	South Shore	MS0111	33.32459	Separated	279	1.517348862	33380.46	0.316433	35602	0.0400858	
FR2001	South Shore	MS0224	2429.278	Separated	3913	12.73784737	33380.46	4.080101	33003	0.7466294	
FR2002	South Shore	MS0204	658.9322	Separated	2886	3.65957133	33380.46	1.710723	33003	0.3942615	
FR2003	South Shore	MS0220	1213.63	Separated	1456	4.219411839	33380.46	2.723097	33003	0.5287841	
FR2004	South Shore	MS0201	824.3546	Separated	750	1.894281407	33003.33	1.592823	34079	0.228058	
FR2005	South Shore	MS0219	2494.345	Separated	4689	3.521589138	35602.29	2.714301	34079	1.2560781	
FR2006	South Shore	MS0207	1313.415	Separated	2378	7.098477308	33380.46	2.124816	33003	0.5613847	
FR2007	South Shore	MS0201	423.2098	Separated	0	1.339513162	33003.33	1.063539	33003	0.3544909	
FR2008	South Shore	MS0218	894.9912	Separated	1616	4.966560786	35602.33	3.342036	33003	0.4933004	
FR2009	South Shore	MS0217	481.9214	Separated	1378	9.983395248	33380.46	3.540925	33003	0.4338942	
FR2011	South Shore	MS0208	58.23512	Separated	695	0.757485116	35602.33	0.604953	33003	0.1085357	
FR2012	South Shore	MS0201	971.7717	Separated	1791	2.095578441	33003.33	1.740367	33003	0.2974909	
FR2013	South Shore	MS0201	527.4924	Separated	1103	1.275470436	33003.33	1.057532	33003	0.1869068	
FR2015	South Shore	MS0201	869.1642	Separated	280	2.027621624	33003.33	1.696916	34079	0.260101	
FR2016	South Shore	MS0201	668.1803	Separated	1082	1.725563691	33003.33	1.414349	33003	0.3078556	
FR2017	South Shore	MS0201	855.0609	Separated	291	1.941547994	33003.38	1.637746	34079	0.220386	
FR2019	South Shore	MS0204	430.7313	Separated	129	0	0	0	0	0	
FR2020	South Shore	MS0201	6005.198	Separated	564	0.100195276	32144.29	0.064389	32144	0.0606535	
FR2021	South Shore	MS0207	656.3273	Separated	2329	3.801750215	33380.46	1.284008	33003	0.4918513	



TABLE 9B-2 SHEET 16 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
 INFLUENT FLOWS AND WASTELOADS**  
 2020 FACILITIES PLAN

**Simulation Condition: Current 2000**

										Avg. Flow (cfs)	
FR2022	South Shore	MS0207	130.5884	Separated	0	0	0	0	0	0	0
FR2023	South Shore	MS0202	142.24	Separated	6	0	0	0	0	0	0
FR2024	South Shore	MS0201	115.2609	Separated	1879	0	0	0	0	0	0
GD2001	South Shore	MS0202	474.3473	Separated	1566	2.582678374	33380.46	1.166557	34079	0.247592	
GD2004	South Shore	MS0202	181.1894	Separated	30	1.145085082	33380.46	0.571804	33003	0.226204	
GD2005	South Shore	MS0202	114.4536	Separated	295	0.614899589	33380.46	0.275358	34079	0.0528794	
GD2006	South Shore	MS0223	159.2579	Separated	906	1.761388018	33380.46	0.772602	33003	0.1817158	
GD2008	South Shore	MS0202	251.7756	Separated	1044	1.393729846	33380.46	0.636123	34079	0.1504174	
GD2009	South Shore	MS0222	841.864	Separated	4803	7.969612502	35602.33	4.742713	33003	1.1465937	
GD2012	South Shore	MS0221	768.1813	Separated	4646	6.961632109	33380.46	3.771158	33003	0.8483437	
GD2016	South Shore	MS0208	156.93	Separated	1097	1.893899573	35602.33	1.536108	33003	0.1993123	
GD2018	South Shore	MS0202	616.6428	Separated	18	0.034370597	32144.29	0.022088	32144	0.0208076	
GE3001	South Shore	MS0310	2023.987	Separated	2167	1.677804434	33003.33	1.340294	33003	0.4594904	
GE3002	South Shore	MS0352	1106.314	Separated	4365	3.392654909	33003.29	2.700088	33003	0.5966707	
GE3003	South Shore	MS0353	670.6553	Separated	490	1.108723885	33003.46	0.930068	33003	0.5026499	
GE3004	South Shore	MS0310	1473.424	Separated	290	1.646080859	33003.33	1.361175	33003	0.3054857	
GE3005	South Shore	MS0310	1382.656	Separated	3701	1.822855587	33003.33	1.466538	33003	0.4666054	
GE3006	South Shore	MS0310	2273.138	Separated	4941	3.022515782	33003.33	2.428506	33003	0.7837315	
GE3007	South Shore	MS0310	6908.562	Separated	1636	0.15314077	32144.29	0.098414	32144	0.092711	
GE3008	South Shore	MS0310	6189.372	Separated	670	0.11176239	32144.29	0.071823	32144	0.067663	
GF1004	South Shore	MS0105	510.8755	Separated	3542	7.984083516	35602.33	6.02462	33003	0.8051443	
GF1005	South Shore	MS0105	528.5737	Separated	2980	8.048589123	35602.33	6.097886	33003	0.698943	
GF1006	South Shore	MS0105	730.2888	Separated	3828	10.98367164	35602.33	8.337841	33003	0.8793993	
GF1011	South Shore	MS0113	582.5497	Separated	2401	12.04058949	33380.46	2.917494	35602	0.5451235	
GF1013	South Shore	MS0111	10.66212	Separated	2	0.481736168	33380.46	0.09795	35602	0.009724	
GF1014	South Shore	MS0111	53.60484	Separated	272	2.428281567	33380.46	0.498009	35602	0.0541248	
GF1016	South Shore	MS0112	109.0544	Separated	735	3.349990063	33380.46	1.288246	33003	0.0991049	
GF1036	South Shore	MS0102	81.81692	Separated	632	2.709515803	35602.33	1.625585	33003	0.1394488	
GF2001	South Shore	MS0234	867.5065	Separated	2677	5.218358584	33380.46	2.678099	34079	0.9474628	
GF2002	South Shore	MS0233	715.7999	Separated	4544	5.026981116	35602.33	3.411969	33003	0.8180959	
GF2003	South Shore	MS0205	680.1804	Separated	1702	1.713668994	33003.33	1.370392	33003	0.3398641	
GF2012	South Shore	MS0208	283.6225	Separated	2235	3.525505357	35602.33	2.841775	33003	0.4251119	
GF2020	South Shore	MS0231	329.5514	Separated	1487	7.048055851	33380.46	1.77098	35602	0.4096496	
GF2022	South Shore	MS0203	117.1422	Separated	38	0.727096511	33003.38	0.592939	33003	0.0788198	
GF2023	South Shore	MS0212	12.95854	Separated	172	0.156449032	35602.33	0.111171	33003	0.0275571	
GF2026	South Shore	MS0202	125.4366	Separated	205	0.71075893	33380.46	0.32905	34079	0.0885469	
GF2027	South Shore	MS0230	38.25308	Separated	0	0.310772589	33003.38	0.261208	33003	0.0234776	
GF2033	South Shore	MS0203	218.3559	Separated	684	1.302988418	33003.38	1.061866	33003	0.1047385	
GF2034	South Shore	MS0232	24.12188	Separated	185	0.212636	35602.33	0.163759	33003	0.0515325	
GF2035	South Shore	MS0205	446.8575	Separated	978	1.129211398	33003.33	0.902607	33003	0.2254665	
GF2037	South Shore	MS0208	8.002363	Separated	11	0	0	0	0	0	0
GF6032	South Shore	MS0102	109.6115	Separated	0	0.012287738	32144.29	0.006831	32144	0.0062673	
GL4024	South Shore	MS0401-S	9.531943	Separated	78	0.152302352	33003.38	0.127088	33003	0.0215615	
GL4025	South Shore	MS0437	401.6953	Separated	1939	3.402026675	33003.33	2.862449	34079	0.5468988	
GL4031	South Shore	MS0404	10.07497	Separated	48	0.270539107	33003.33	0.217655	33003	0.0136341	
GL4053	South Shore	MS0430	92.46836	Separated	146	0.832210543	33003.33	0.720908	34079	0.1879669	
GL4055	South Shore	MS0403	72.40771	Separated	281	7.232229922	33380.46	1.723347	33003	0.0821996	
HC2001	South Shore	MS0202	170.9816	Separated	349	0.912904258	33380.46	0.407146	34079	0.0742719	
HC2002	South Shore	MS0232	171.1547	Separated	637	1.370759637	35602.33	1.073821	33003	0.2784011	
HC2003	South Shore	MS0228	181.6949	Separated	766	3.837573769	33380.46	1.140356	33003	0.2115809	
HC2004	South Shore	MS0209	383.4442	Separated	1862	3.937588796	33003.38	3.253824	33003	0.3895489	
HC2005	South Shore	MS0229	158.0022	Separated	625	4.03844177	33380.46	0.860779	35602	0.1549578	
HC2006	South Shore	MS0230	294.0781	Separated	983	2.600051443	33003.33	2.154039	33003	0.3249935	
HC2007	South Shore	MS0205	45.67233	Separated	104	0.144871358	33003.33	0.11229	33003	0.0420993	
HC2008	South Shore	MS0204	249.7502	Separated	20	0.0001517	32144.29	8.43E-05	32144	7.737E-05	
HC2009	South Shore	MS0209	391.0423	Separated	2419	4.242355548	33003.38	3.50627	33003	0.5800173	
ME3009	South Shore	MS0308	909.172	Separated	850	3.06800299	33003.38	2.531927	33003	0.2589723	
ME3013	South Shore	MS0308	5140.668	Separated	826	0.050616685	32148.54	0.036938	32148	0.0342519	
ME4001	South Shore	MS0445	1660.933	Separated	2571	9.97430241	33380.46	2.953342	33003	0.4581879	
ME4002	South Shore	MS0443	918.3765	Separated	1399	5.056346371	33380.46	1.76866	33003	0.4580108	
ME4003	South Shore	MS0444	1432.769	Separated	2355	14.77547328	33380.46	3.249638	35602	0.5138522	
ME4004	South Shore	MS0409	2497.723	Separated	4579	11.12434989	33003.33	9.094599	33003	1.3543937	
ME4005	South Shore	MS0442	342.2732	Separated	796	1.750406512	33380.46	0.855003	34079	0.2409557	
ME4006	South Shore	MS0434	1238.662	Separated	1724	7.039367672	33003.33	5.822774	33003	0.7436199	
ME4008	South Shore	MS0408	3753.82	Separated	3558	38.51358486	33380.46	9.122909	35602	1.2909554	
ME4010	South Shore	MS0435	2017.099	Separated	2220	2.153318581	33003.29	1.834366	34079	0.4071073	
ME4011	South Shore	MS0436	60.51907	Separated	109	0.342358295	34079.17	0.309037	34079	0.052926	
ME4012	South Shore	MS0409	3851.774	Separated	530	0.02492272	32144.29	0.013856	32144	0.0127114	
ME4014	South Shore	MS0408	5733.482	Separated	758	0.033458802	32148.54	0.024417	32148	0.0226413	
ME4015	South Shore	MS0436	168.0006	Separated	38	0	0	0	0	0	0



TABLE 9B-2 SHEET 17 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
 INFLUENT FLOWS AND WASTELOADS**  
 2020 FACILITIES PLAN

**Simulation Condition: Current 2000**

									Avg. Flow (cfs)	
MF3001	South Shore	MS0343	1595.23	Separated	6168	13.64988021	33003.33	11.14846	33003	1.5024555
MF3003	South Shore	MS0345	969.3102	Separated	3756	8.266698854	33003.33	6.663432	33003	0.974562
MF3004	South Shore	MS0307	2687.385	Separated	7307	6.093139966	33003.38	4.9626	33003	1.0521134
MF3005	South Shore	MS0342	4054.968	Separated	8347	6.009745365	35602.33	4.059437	33003	1.2584501
MF3006	South Shore	MS0311	542.3563	Separated	695	6.204554698	33003.38	5.073582	33003	1.04797
MF3007	South Shore	MS0308	532.039	Separated	75	0.100901658	32148.54	0.073633	32148	0.068272
MF3008	South Shore	MS0310	814.5594	Separated	557	0.891521349	33003.33	0.739928	33003	0.1569229
MF3009	South Shore	MS0344	398.9808	Separated	2252	3.861949646	33003.33	3.027251	34079	0.5515174
MF3011	South Shore	MS0303	162.081	Separated	4	0.004247613	32144.29	0.002361	32144	0.0021664
MF3012	South Shore	MS0303	721.1522	Separated	211	5.780573661	33003.33	4.726623	33003	0.3676663
MI1074	South Shore	MS0103	14.64795	Separated	14	0.204895685	35602.33	0.157572	33003	0.0203513
MI1077	South Shore	MS0102	343.4576	Separated	2839	11.42446306	35602.33	6.856097	33003	0.6171581
MI1079	South Shore	MS0102	279.5162	Separated	1815	9.18524184	35602.33	5.507961	33003	0.4312331
MI1080	South Shore	MS0102	376.3896	Separated	3192	12.52346468	35602.33	7.515773	33003	0.6785907
MI1082	South Shore	MS0112	254.2362	Separated	1462	7.784427944	33380.46	2.981146	33003	0.2100105
MI1083	South Shore	MS0112	133.8008	Separated	751	4.084803096	33380.46	1.558434	33003	0.1005425
MI1084	South Shore	MS0112	279.71	Separated	2901	8.65959116	33380.46	3.362937	33003	0.3100688
MI1085	South Shore	MS0111	111.0143	Separated	1106	5.06548602	33380.46	1.063596	35602	0.142453
MI1086	South Shore	MS0111	211.3533	Separated	732	9.562096335	33380.46	1.952856	35602	0.2033256
MI1087	South Shore	MS0101	436.9727	Separated	781	86.40771028	33380.46	13.68265	35602	0.4932159
MI1088	South Shore	MS0101	1960.816	Separated	604	59.16501066	33380.46	9.351052	35602	1.0456816
MI1097	South Shore	MS0117	138.5311	Separated	1420	2.840028242	33380.46	0.64093	35602	0.1026039
MI1100	South Shore	MS0116	118.099	Separated	1631	23.49545072	33380.46	3.483317	35602	0.2861857
MI1101	South Shore	MS0115	311.3851	Separated	2707	6.511902602	33380.46	1.609179	35602	0.3400023
MI1102	South Shore	MS0114	347.1938	Separated	4016	14.47392407	33380.46	3.211179	35602	0.7303292
MI1103	South Shore	MS0113	63.6229	Separated	76	1.330451563	33380.46	0.333861	35602	0.0735053
MI1123	South Shore	MS0118	47.30043	Separated	700	2.544609659	33380.46	1.283438	33003	0.1783931
MI1128	South Shore	MS0105	159.4076	Separated	1136	2.458474904	35602.33	1.858914	33003	0.2304979
MI1130	South Shore	MS0102	19.8576	Separated	384	0.694341993	35602.33	0.417994	33003	0.0570645
MI1135	South Shore	MS0101	130.3611	Separated	1216	2.632956692	33003.38	2.163249	33003	0.2394989
MI1136	South Shore	MS0102	555.3732	Separated	1904	18.38802252	35602.33	11.1202	33003	1.0338735
MI1137	South Shore	MS0104	386.9302	Separated	4209	5.690109517	35602.33	3.986819	33003	0.9944608
MI1150	South Shore	MS0115	330.9423	Separated	2217	6.917985403	33380.46	1.707683	35602	0.3589418
MI1158	South Shore	MS0102	99.73969	Separated	472	3.248783883	35602.33	1.947022	33003	0.1356771
MI2094	South Shore	MS0233	292.4493	Separated	2994	2.288195419	35602.33	1.551909	33003	0.4844111
MI2126	South Shore	MS0212	88.60264	Separated	1084	1.068725108	35602.33	0.759229	33003	0.1875517
MI3026	South Shore	MS0303	567.2382	Separated	1340	4.592738139	33003.33	3.749464	33003	0.3205181
MI3027	South Shore	MS0303	424.6805	Separated	812	3.71100753	33003.33	2.994971	33003	0.4259242
MI3028	South Shore	MS0308	1688.594	Separated	2390	6.386733715	33003.38	5.273342	33003	1.0359624
MI3029	South Shore	MS0351	529.819	Separated	3390	2.570058695	34079.29	2.112581	34079	1.0028213
MI3030	South Shore	MS0350	450.1333	Separated	3194	2.735893506	33003.38	2.341637	34079	0.8287126
MI3031	South Shore	MS0350	718.3693	Separated	765	3.98151443	33003.38	3.415008	34079	1.0124721
MI3032	South Shore	MS0349	349.0596	Separated	2993	8.077627866	33380.46	3.740356	33003	0.9449785
MI3033	South Shore	MS0304	281.2111	Separated	2524	2.448275056	33003.33	1.981143	33003	0.2801476
MI3034	South Shore	MS0348	420.0956	Separated	1171	8.734159085	33380.46	3.203129	33003	0.4376115
MI3035	South Shore	MS0347	445.0663	Separated	3024	4.779993965	33003.33	3.956251	33003	1.0675138
MI3036	South Shore	MS0346	431.2282	Separated	5281	7.120673984	33003.33	5.697407	33003	0.6969246
MI3037	South Shore	MS0304	629.715	Separated	3719	5.624233639	33003.33	4.534111	33003	0.7241038
MI3038	South Shore	MS0340	53.0346	Separated	851	1.259933517	33380.46	0.615431	33003	0.1970826
MI3040	South Shore	MS0340	331.8555	Separated	3568	7.584002514	33380.46	3.577027	33003	0.9620012
MI3041	South Shore	MS0339	379.3171	Separated	4414	19.28875509	33380.46	4.016259	35602	0.6269437
MI3061	South Shore	MS0399	148.225	Separated	0	0.949856292	34079.13	0.918952	34079	0.7368218
MI3062	South Shore	MS0301	323.9162	Separated	1684	5.570972604	33003.33	4.483223	33003	0.2641977
MI3063	South Shore	MS0319	38.69271	Separated	354	0.844513187	33380.46	0.372084	33003	0.0742555
MI3064	South Shore	MS0103	102.4561	Separated	596	1.52638251	35602.33	1.187302	33003	0.2251405
MI3065	South Shore	MS0338	206.5888	Separated	1851	5.086533711	33003.33	4.121243	33003	0.4310646
MI3095	South Shore	MS0315	515.233	Separated	6382	2.411841226	33003.29	2.021758	33003	0.7329796
MI3096	South Shore	MS0316	560.6618	Separated	5208	46.06512799	33380.46	9.581514	35602	1.9409259
MI3122	South Shore	MS0321	120.0031	Separated	268	0.89455813	33003.33	0.745902	33003	0.1605985
MI3124	South Shore	MS0305	21.22466	Separated	68	0.370272498	33003.38	0.305818	33003	0.0432098
MI3132	South Shore	MS0303	586.7907	Separated	72	4.840482383	33003.33	3.940347	33003	0.3925947
MI3134	South Shore	MS0346	328.4962	Separated	0	0.000324851	32144.29	0.000181	32144	0.0001657
MI3138	South Shore	MS0301	6.674651	Separated	93	0.038382984	33003.29	0.028474	33003	0.0085648
MI3151	South Shore	MS0308	787.389	Separated	4000	3.429440205	33003.38	2.884029	33003	0.9046042
MI3152	South Shore	MS0308	975.5931	Separated	1737	3.867248514	33003.38	3.193665	33003	0.7414174
MI3153	South Shore	MS0304	256.54	Separated	1160	2.130205812	33003.33	1.736154	33003	0.1850914
MI3154	South Shore	MS0304	631.171	Separated	3089	5.293624024	33003.33	4.307772	33003	0.4913023
MI4001	South Shore	MS0433	1307.086	Separated	6416	6.368325205	34079.29	5.530761	34079	1.5917442
MI4002	South Shore	MS0413	676.6594	Separated	3907	6.076007332	33003.33	4.952368	33003	1.2774755
MI4003	South Shore	MS0430	303.9818	Separated	2446	2.887694845	33003.33	2.457484	34079	0.7161682



TABLE 9B-2 SHEET 18 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
 INFLUENT FLOWS AND WASTELOADS**  
 2020 FACILITIES PLAN

**Simulation Condition: Current 2000**

										Avg. Flow (cfs)	
MI4004	South Shore	MS0428	960.803	Separated	4022	2.284967431	33003.46	1.894699	33003	0.6802184	
MI4005	South Shore	MS0429	117.4025	Separated	1620	1.33968696	33003.33	1.079438	33003	0.2707722	
MI4006	South Shore	MS0428	549.4608	Separated	1634	1.226272531	33003.38	1.020168	33003	0.3273955	
MI4007	South Shore	MS0427	571.0429	Separated	6885	5.700205105	33003.33	4.621168	34079	1.5700177	
MI4008	South Shore	MS0426	213.7442	Separated	3720	2.590258382	33003.29	2.020463	33003	0.6817871	
MI4009	South Shore	MS0425	421.6425	Separated	4133	4.100167377	33003.33	3.320527	33003	1.140316	
MI4010	South Shore	MS0423	292.6165	Separated	4023	1.863403516	33003.33	1.576775	34079	0.4710098	
MI4011	South Shore	MS0407	213.816	Separated	1934	21.46770144	33380.46	4.063601	35602	0.4485857	
MI4012	South Shore	MS0422	76.91914	Separated	823	1.490750938	33003.29	1.215784	33003	0.2539748	
MI4014	South Shore	MS0421	311.2838	Separated	4408	3.267903447	33003.33	2.586619	33003	0.6487991	
MI4021	South Shore	MS0401-S	188.2151	Separated	1410	3.09175389	33003.38	2.579434	33003	0.4938027	
MI4042	South Shore	MS0401-S	518.8973	Separated	4660	8.372209664	33003.38	6.985693	33003	1.2392199	
MI4043	South Shore	MS0401-S	151.014	Separated	2031	2.51323813	33003.38	2.096609	33003	0.4224507	
MI4044	South Shore	MS0401-S	124.5969	Separated	1795	2.09029466	33003.38	1.743691	33003	0.3620135	
MI4046	South Shore	MS0418	275.4582	Separated	5216	14.39293189	33380.46	3.285492	35602	0.6495629	
MI4067	South Shore	MS0411	168.5523	Separated	2062	3.6634713	33003.33	2.979933	33003	0.4153838	
MI4071	South Shore	MS0416	381.9282	Separated	4353	5.762601147	33003.38	4.81229	33003	1.3124214	
MI4073	South Shore	MS0419	408.4513	Separated	4826	9.968653431	33003.33	8.057725	33003	1.2450882	
MI4075	South Shore	MS0401-S	3.963938	Separated	93	0.069447643	33003.38	0.057917	33003	0.0138922	
MI4114	South Shore	MS0431	59.45503	Separated	484	1.036295411	33003.33	0.844921	33003	0.1215928	
MI4121	South Shore	MS0410	268.056	Separated	1858	2.817290151	33003.33	2.297667	33003	0.5285247	
MI4139	South Shore	MS0420	111.3842	Separated	1650	2.339978636	33003.33	1.895115	33003	0.3422742	
MI4140	South Shore	MS0407	246.3341	Separated	3119	24.83875196	33380.46	4.786265	35602	0.6128127	
MI4141	South Shore	MS0424	245.1927	Separated	2080	1.30274363	33003.33	1.037243	33003	0.2743472	
MI4142	South Shore	MS0401-S	403.1021	Separated	420	6.32823687	33003.38	5.281169	33003	0.8210967	
MI4155	South Shore	MS0401-S	61.83869	Separated	757	1.022922993	33003.38	0.853382	33003	0.1679757	
MI4156	South Shore	MS0401-S	61.22203	Separated	653	0.996777506	33003.38	0.831653	33003	0.1534496	
MI4159	South Shore	MS0417	19.01176	Separated	155	0.412884827	33380.46	0.107357	33003	0.0335423	
MI4160	South Shore	MS0419	232.7447	Separated	0	0	0	0	0	0	
MI4161	South Shore	MS0401-S	38.81079	Separated	635	0.652987937	33003.38	0.544703	33003	0.1142788	
MI4168	South Shore	MS0412	84.03654	Separated	256	8.392245321	33380.46	1.738927	35602	0.1198297	
MI6107	South Shore	MS0102	245.0646	Separated	1351	8.188029403	35602.33	4.928521	33003	0.4768984	
MU2001	South Shore	MS0211	3997.798	Separated	4972	4.640483276	33003.29	3.826347	33003	1.0475823	
MU2002	South Shore	MS0211	985.7121	Separated	1354	1.124348815	33003.29	0.932417	33003	0.2473841	
MU2003	South Shore	MS0204	2939.247	Separated	1049	7.666497271	33380.46	3.362759	33003	0.4311213	
MU2004	South Shore	MS0211	3787.874	Separated	497	0.005764618	32144.29	0.003205	32144	0.0029404	
MU2005	South Shore	MS0225	1396.05	Separated	4485	12.17369062	33380.46	5.004983	34079	1.2071253	
MU2006	South Shore	MS0226	959.843	Separated	3204	12.47205672	33380.46	3.355365	35602	1.0830351	
MU2007	South Shore	MS0227	1781.698	Separated	4505	5.518643136	35602.33	4.029749	33003	1.0865938	
NB2002	South Shore	MS0235	108.3049	Separated	613	1.105844944	33380.46	0.444383	33003	0.1346643	
NB2003	South Shore	MS0234	834.3693	Separated	4344	5.114731026	33380.46	2.650252	34079	0.9978546	
NB2007	South Shore	MS0210	2086.864	Separated	3745	11.38200015	33380.46	4.469687	34079	1.1183244	
NB2008	South Shore	MS0227	123.3206	Separated	215	0.360196591	35602.33	0.264247	33003	0.0612544	
NB2009	South Shore	MS0213	1549.505	Separated	5568	9.712396645	33003.33	7.880825	33003	1.0572298	
NB2010	South Shore	MS0210	615.2912	Separated	1148	0.025733789	32144.29	0.016538	32144	0.0155777	
NB2011	South Shore	MS0210	1686.505	Separated	6307	9.479312978	33380.46	3.820041	34079	1.1369736	
NB2013	South Shore	MS0210	3651.483	Separated	2137	0.073784249	32144.29	0.047417	32144	0.0446681	
NB2014	South Shore	MS0210	402.539	Separated	0	0.00434537	32144.29	0.002792	32144	0.0026307	
NB2016	South Shore	MS0225	7.793581	Separated	4	0.008435129	32144.29	0.005421	32144	0.0051062	
NB2017											
NB3001	South Shore	MS0324	802.387	Separated	3532	5.371557275	33003.33	4.419455	33003	0.7945319	
NB3004	South Shore	MS0203	27.49121	Separated	199	0.175104626	33003.38	0.143137	33003	0.0210499	
NB3005	South Shore	MS0325	202.5144	Separated	886	1.448002626	33003.33	1.178279	33003	0.2049045	
NB3006	South Shore	MS0326	2478.621	Separated	4337	5.567671112	33003.46	4.571764	33003	1.7703861	
NB3012	South Shore	MS0203	287.85	Separated	1271	1.754985815	33003.38	1.433688	33003	0.1571626	
NB3015	South Shore	MS0326	540.5364	Separated	18	0.031330391	32148.54	0.022863	32148	0.021198	
OC1001	South Shore	MS0106	986.0957	Separated	2631	4.307293669	33003.38	3.573002	33003	0.5281195	
OC1003	South Shore	MS0106	1257.05	Separated	2042	5.318034333	33003.38	4.411526	33003	0.5339604	
OC1005	South Shore	SSWWTP	621.0234	Separated	1235	6.400898719	33380.46	1.520689	35602	0.3058315	
OC1006	South Shore	MS0109	448.0974	Separated	905	7.22663665	33380.46	2.704386	33003	0.5595901	
OC1007	South Shore	MS0111	199.7336	Separated	1238	9.066357935	33380.46	1.871897	35602	0.2170208	
OC1010	South Shore	SSWWTP	287.0068	Separated	1093	2.998709754	33380.46	0.742746	35602	0.1779992	
OC1019	South Shore	SSWWTP	920.7671	Separated	2076	9.677818792	33380.46	2.439496	35602	0.6230121	
OC1024	South Shore	MS0109	961.9395	Separated	3	0.088039743	32144.29	0.056578	32144	0.0533014	
OC1028	South Shore	MS0106	1096.445	Separated	990	4.913482737	33003.38	4.075785	33003	0.6873019	
OC1029	South Shore	SSWWTP	76.87771	Separated	56	0.785835871	33380.46	0.181797	35602	0.0319402	
OC2002	South Shore	SSWWTP	672.4002	Separated	1102	6.919931326	33380.46	1.636132	35602	0.321626	
OC2004	South Shore	MS0214	914.6848	Separated	2269	3.480670594	35602.33	2.233207	33003	0.5354018	
OC2012	South Shore	MS0216	1064.22	Separated	1919	1.460483034	33003.42	1.206767	33003	0.3808234	
OC2013	South Shore	SSWWTP	989.1991	Separated	943	10.15201586	33380.46	2.37917	35602	0.4476389	



TABLE 9B-2 SHEET 19 OF 26  
**SCREENING ALTERNATIVES 2020 BASELINE  
 INFLUENT FLOWS AND WASTELOADS**  
 2020 FACILITIES PLAN

**Simulation Condition: Current 2000**

										Avg. Flow (cfs)
OC2014	South Shore	SSWWTP	769.0261	Separated	486	7.926063286	33380.46	1.882803	35602	0.3784473
OC2015	South Shore	MS0215	347.6922	Separated	1754	0.939321807	33003.33	0.758105	33003	0.3638648
OC2017	South Shore	SSWWTP	745.1569	Separated	1625	7.725784091	33380.46	1.869455	35602	0.408066
OC2025	South Shore	SSWWTP	975.3126	Separated	634	9.963654381	33380.46	2.300567	35602	0.3998837
OC2027	South Shore	SSWWTP	2164.684	Separated	3271	22.62713422	33380.46	5.611901	35602	1.3515979
OC2030	South Shore	SSWWTP	1039.202	Separated	802	10.71404486	33380.46	2.547609	35602	0.514464
OC2031	South Shore	SSWWTP	741.8207	Separated	457	7.576283815	33380.46	1.747784	35602	0.3022933
OC2032	South Shore	SSWWTP	939.2268	Separated	925	9.617562492	33380.46	2.237686	35602	0.4054897
RH4003	South Shore	MS0441	665.9741	Separated	525	3.463175469	33380.46	1.67032	33003	0.1703329
RH4004	South Shore	MS0404	114.5186	Separated	43	2.956675496	33003.33	2.393438	33003	0.0783566
SF1003	South Shore	MS0101	155.373	Separated	382	3.029448762	33003.33	2.488205	33003	0.1978555
SF1006	South Shore	MS0101	51.38493	Separated	531	1.042176896	33003.33	0.856289	33003	0.0979982
TH4001	South Shore	MS0436	689.0227	Separated	3254	4.412869084	33003.33	3.846972	34079	0.9711551
WA3006	South Shore	MS0328	140.5642	Separated	1388	1.771213768	33003.29	1.452965	33003	0.3228107
WA3007	South Shore	MS0301	367.1663	Separated	3981	2.350715257	33003.29	1.808182	33003	0.3975205
WA3008	South Shore	MS0340	421.0653	Separated	3026	9.356698936	33380.46	4.295545	33003	0.9799472
WA3009	South Shore	MS0303	1061.702	Separated	2064	8.912117035	33003.33	7.235589	33003	0.8154612
WA3011	South Shore	MS0301	757.2075	Separated	1514.8	14.25942378	33003.33	11.49496	33003	0.546219
WA3012	South Shore	MS0330	314.1035	Separated	2116	4.345161021	33003.33	3.568091	33003	0.6300551
WA3013	South Shore	MS0329	216.8448	Separated	1845	1.832604545	34079.29	1.616091	34079	0.4683298
WA3014	South Shore	MS0322	130.7423	Separated	856	1.678666559	35602.33	1.127197	33003	0.2675587
WA3015	South Shore	MS0301	14.81596	Separated	2	0.273061746	33003.33	0.217638	33003	0.0245342
WA3018	South Shore	MS0301	72.27356	Separated	0	1.196172622	33003.33	0.968029	33003	0.0269822
WA3019	South Shore	MS0301	696.1566	Separated	407	3.773828734	33003.33	3.270367	33003	1.2014499
WA3027	South Shore	MS0410	71.4394	Separated	828	0.387598394	33003.29	0.291857	33003	0.0788901
WA3029	South Shore	MS0301	144.8932	Separated	1252	2.563224559	33003.33	2.054517	33003	0.1667886
WA3031	South Shore	MS0301	209.2321	Separated	0	0.003640811	32144.29	0.002024	32144	0.0018569
WA3032	South Shore	MS0327	194.4091	Separated	1340	1.947186141	33003.29	1.593104	33003	0.3337803
WA3034	South Shore	MS0303	27.32783	Separated	131	0.230577735	33003.33	0.187057	33003	0.0217968
WA3037	South Shore	MS0301	471.2792	Separated	1423	7.443983487	33003.33	5.965756	33003	0.5025503
WA3038	South Shore	MS0301	73.18323	Separated	479	0.364095909	33003.29	0.280655	33003	0.0626719
WA3039	South Shore	MS0301	85.2	Separated	649.2	0.507480865	33003.29	0.373216	33003	0.1189774
WA4001	South Shore	MS0411	223.3599	Separated	3340	4.95106768	33003.33	4.01445	33003	0.6127849
WA4002	South Shore	MS0411	290.9404	Separated	4925	6.535837843	33003.33	5.288088	33003	0.8543141
WA4003	South Shore	MS0410	511.3752	Separated	4749	4.58502563	33003.33	3.853908	34079	1.0825045
WA4004	South Shore	MS0410	365.3471	Separated	3016	3.25314422	33003.33	2.740367	34079	0.7587763
WA4005	South Shore	MS0410	350.6641	Separated	2638	3.604663417	33003.33	2.950759	33003	0.6391136
WA4010	South Shore	MS0417	762.5809	Separated	1595	17.39576116	33380.46	5.110427	33003	1.9394879
WA4016	South Shore	MS0417	199.1442	Separated	964	4.232199222	33380.46	1.587739	35602	0.8668163
WA4033	South Shore	MS0103	16.27245	Separated	209	0.246712817	35602.33	0.192488	33003	0.0395646
WA4035	South Shore	MS0411	157.4832	Separated	1629	3.380657887	33003.33	2.755514	33003	0.3607916
WA4036	South Shore	MS0410	109.0117	Separated	728	0.938597018	33003.33	0.799176	34079	0.2056584
WE1018	South Shore	MS0118	149.1466	Separated	1840	7.972797936	33380.46	4.002556	33003	0.520323
WE1032	South Shore	MS0117	167.687	Separated	2301	3.47361846	33380.46	0.807427	35602	0.15397
WE1034	South Shore	MS0103	65.70022	Separated	1238	1.037377758	35602.33	0.81487	33003	0.1963953
WE1040	South Shore	MS0103	87.30155	Separated	1349	1.350794002	35602.33	1.057523	33003	0.236402
WE2001	South Shore	MS0235	184.8647	Separated	1016	1.88340687	33380.46	0.754723	33003	0.2261026
WE2002	South Shore	MS0203	136.3031	Separated	2010	1.019904298	33003.38	0.83407	33003	0.231852
WE2003	South Shore	MS0203	140.7043	Separated	303	0.822664979	33003.38	0.67019	33003	0.0538251
WE2004	South Shore	MS0212	492.9575	Separated	2347	5.649093096	35602.33	3.952863	33003	0.7797585
WE2006	South Shore	MS0212	371.208	Separated	3548	4.338902345	35602.33	3.054244	33003	0.6626629
WE2030	South Shore	MS0213	14.68969	Separated	56	0.096792655	33003.33	0.078556	33003	0.0104666
WE2041	South Shore	MS0205	16.42746	Separated	0	0	0	0	0	0
WE3005	South Shore	MS0320	429.7315	Separated	2253	3.288901233	33003.38	2.76505	33003	0.7524626
WE3007	South Shore	MS0320	284.221	Separated	165	2.015885542	33003.38	1.696666	33003	0.3692337
WE3008	South Shore	MS0320	167.53	Separated	1840	1.284224962	33003.38	1.079652	33003	0.2950048
WE3009	South Shore	MS0319	146.8232	Separated	1130	3.167678159	33380.46	1.37969	33003	0.2511317
WE3010	South Shore	MS0301	386.8029	Separated	1174	6.720367828	33003.33	5.40036	33003	0.3617693
WE3011	South Shore	MS0337	219.696	Separated	1183	2.947825221	35602.33	2.112205	33003	0.3419151
WE3012	South Shore	MS0321	134.5524	Separated	2171	1.280942909	33003.33	1.025381	33003	0.3598498
WE3013	South Shore	MS0309	209.2295	Separated	3073	23.95463904	33003.33	20.06703	33003	4.8969408
WE3014	South Shore	MS0317	181.2017	Separated	1664	4.439168447	33003.33	3.685287	33003	0.661811
WE3015	South Shore	MS0314	191.8798	Separated	1615	2.418287531	34079.29	2.155991	34079	0.5217216
WE3016	South Shore	MS0305	289.9622	Separated	2167	5.014573632	33003.38	4.141531	33003	0.5549008
WE3017	South Shore	MS0316	100.1759	Separated	814	8.196668063	33380.46	1.682017	35602	0.3185789
WE3022	South Shore	MS0323	240.6761	Separated	2283	4.201555383	35602.33	2.491076	33003	0.5375495
WE3025	South Shore	MS0103	143.608	Separated	0	1.950573711	35602.33	1.491653	33003	0.1478241
WE3028	South Shore	MS0318	183.7536	Separated	2491	1.756303085	34079.29	1.501607	34079	0.6552421
WE3029	South Shore	MS0301	300.1614	Separated	0	0.001536346	32144.29	0.000854	32144	0.0007836
WE3031	South Shore	MS0301	193.8964	Separated	1580	1.07757635	33003.29	0.806361	33003	0.2281988



**Simulation Condition: Current 2000**

										Avg. Flow (cfs)	
WE3033	South Shore	MS0318	140.9256	Separated	1865	1.130200608	35602.29	0.922516		34079	0.3326193
WE3036	South Shore	MS0103	113.1037	Separated	1442	1.707928521	35602.33	1.331625		33003	0.2688879
WE3037	South Shore	MS0103	29.48717	Separated	242	0.441630134	35602.33	0.34384		33003	0.0668666
WE3038	South Shore	MS0320	177.6866	Separated	1564	0.029937734	32148.54	0.021847		32148	0.0202577
WE3039	South Shore	MS0321	145.9408	Separated	2065	0.079639765	32144.29	0.05118		32144	0.0482113
WE4023	South Shore	MS0415	331.3467	Separated	4107	5.651467277	33003.38	4.674332		33003	1.1573431
WE4026	South Shore	MS0416	71.86959	Separated	0	1.063920265	33003.38	0.888594		33003	0.2304756
WE4035	South Shore	MS0103	108.8903	Separated	856	1.676662606	35602.33	1.311576		33003	0.2876099
CSSW001	River		51.82011	Combined	0	75.11173772	33380.46	7.659208		35602	0.1137558
CSSW002	River		11.65596	Combined	0	14.22251391	33380.46	1.50838		35602	0.0144652
CSSW003	River		190.7579	Combined	0	226.5526197	33380.46	24.18754		35602	0.2108957
CSSW004	River		17.91461	Combined	0	28.65814314	33380.46	2.863785		35602	0.0505275
CSSW005	River		48.79005	Combined	0	50.16761035	33380.46	5.562426		35602	0.0215716
CSSW006	River		68.3743	Combined	166	81.1167618	33380.46	8.662633		35602	0.0752266
CSSW007	River		16.09572	Combined	0	23.66426709	33380.46	2.405804		35602	0.0367235
River	River		167	Combined	0	281.9905324	33380.46	27.88678		35602	0.5327745

**NOTES:**

**DW\_WWTP** This column indicated which treatment plant the sewersheds drains to. If "BOTH" is indicated, than the sewershed is assumed to go to Jones Island

Shaded sewersheds represent sewershed draining to the rivers which are not treated by either WWTP and not include in total flows  
 May be some error due to minor changes in sewersheds from existing conditions to 2020 Baseline - <2%



Screening Alternatives Incremental Increase in Inflow Flows & Wasteloads

Table with columns for Inflow Flows (Flow [cfs]), Wasteloads (BOD5 [lbs/d]), and various flow types (Inflow, Inflow from Other Sources, Inflow from Other Sources, etc.). Rows include various facility alternatives like MS002, MS003, etc.

Table with columns for existing conditions (Inflow, Wasteload, etc.) and 2020 baseline (Inflow, Wasteload, etc.). Rows include facility alternatives like MS002, MS003, etc.

Main table with columns for Name, Meter Basin, DW\_WWTP, Area (Acres), Population, and various flow types (Inflow, Inflow from Other Sources, Inflow from Other Sources, etc.). Rows include facility alternatives like MS002, MS003, MS004, etc.

Table with columns for Name, Meter Basin, DW\_WWTP, Area (Acres), Population, and various flow types (Inflow, Inflow from Other Sources, Inflow from Other Sources, etc.). Rows include facility alternatives like MS002, MS003, MS004, etc.



TABLE 9B-2 SHEET 22 OF 26 SCREENING ALTERNATIVES 2020 BASELINE INFLUENT FLOWS AND WASTELOADS 2020 FACILITIES PLAN

6/5/07

TR\_9B.T002.07.06.02.cdr











Sludge Production in Pounds per Day (average day conditions)						
Treatment Plant	Design		Current (Year) 2003		2020 Baseline	
	WAS	PSD	WAS	PSD	WAS	PSD
JIIWWTP	218,000	232,000	145,600	141,500	180,536	173,879
SSWWTP	165,000	182,000	53,600	194,300	70,780	199,831
Total	383,000	414,000	199,200	335,800	251,316	373,710

PSD = Primary Sludge Dry  
WAS = Waste Activated Sludge

JIIWWTP = Jones Island Wastewater Treatment Plant  
SSWWTP = South Shore Wastewater Treatment Plant

NOTES:

- 1) 2003 Data from PSD and WAS Production Factors analysis shown on the next sheet of this table.
- 2) 2020 Baseline values calculated by multiplying the sludge factors shown on the next sheet against the 2020 Baseline influent BOD and TSS values calculated in Table 9B-2, Screening Alternatives 2020 Baseline Influent Flows and Wasteloads



**PSD and WAS Production Factors**

	BOD (lb/day)	TSS (lb/day)	<u>Biosolids Production</u>		<u>Production Factor</u>	
			PSD (lb/day)	WAS (lb/day)	PSD	WAS
<b><u>2002 Data</u></b>						
JIWWTP	251,539	258,368	185,651	173,886	0.72	0.69
SSWWTP	144,513	179,537	128,339	56,513	0.71	0.39
<b><u>2003 Data</u></b>						
JIWWTP	246,376	192,958	141,523	145,637	0.73	0.59
SSWWTP	170,909	236,721	194,280	53,548	0.82	0.31

**Sludge Production Factors to use for Biosolids Evaluation**

JIWWTP	Pounds of Primary sludge per pound of influent TSS	0.73
	Pounds of WAS per pound of influent BOD	0.64
SSWWTP	Pounds of Primary sludge per pound of influent TSS	0.77
	Pounds of WAS per pound of influent BOD	0.35
Digested Solids	lb DSD/(lb TOT PSD + % SS WAS to Digesters*lb SS WAS)	0.35
	% SS WAS to Digesters	15.56%

PSD = Primary Sludge Dry  
 WAS = Waste Activated Sludge  
 DSD = Digested Sludge Dry  
 TOT PSD = JIWWTP PSD + SSWWTP PSD  
 SS WAS = SSWWTP Waste Activated Sludge

JIWWTP = Jones Island Wastewater Treatment Plant  
 SSWWTP = South Shore Wastewater Treatment Plant  
 BOD = Biochemical Oxygen Demand  
 TSS = Total Suspended Solids

**NOTE:**

1) 2002 and 2003 data calculated from 2002 and 2003 UWS Daily/Weekly Operating Data Reports

