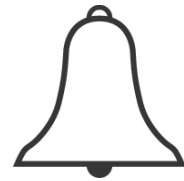


*Santa Margarita Water District*



**MEETING HANDOUT**

**Meeting:** Board Meeting

**Date:** May 18, 2018

**Item:** 9.3 Wastewater Master Plan

**Santa Margarita Water District  
Wastewater/Recycled Water Flows**

	Wastewater Generation		Wastewater Treatment			Recycled Water Production					Recycled Water Demand	
			Permitted Cap	Current (Avg) <sup>(1)</sup>	Future (Avg)	Permitted Capacity (mgd)	Current Avg (mgd)	Future Avg (mgd)	Current Avg (afy)	Future Avg (afy)	Current (afy)	Future (afy)
	Current (Avg)	Current (Pk.)										
<b>Oso Creek WRP</b>												
West Mission Viejo	1.71	1.75	3.00	1.71	1.80	3.00	1.54	1.62	1,728	1,815	2,050	2,300
Lake Mission Viejo APW	-	-	-	-	-	-	-	-	-	-	250	250
	1.71	1.75	3.00	1.71	1.80	3.00	1.54	1.62	1,728	1,815	2,300	2,550
<b>3A</b>												
West Mission Viejo	-	-	-	-	0.13	-	-	0.12	-	131	-	-
South Mission Viejo	0.38	-	1.69	0.22	1.41	-	0.19	1.27	209	1,422	450	500
English Canyon	-	-	-	-	0.67	-	-	0.60	-	676	-	250
SMWD	0.38	1.14	1.69	0.22	2.21	-	0.19	2	209	2,228	450	750
Moulton Niguel	1.78	5.34	4.31	1.78	3.40	2.40	1.03	3.06	1,156	3,428	1,156	1,156
	2.16	5.34	6.00	2.00	7.82	2.40	1.22	5.05	1,365	5,656	1,606	1,906
<b>IRWD - Los Alisos</b>												
English Canyon	0.67	2.01	0.67	0.67	-	-	-	-	-	-	200	200
<b>Chiquita WRP</b>												
Current Chiquita	5.68	17.04	9.00	5.68	-	6.00	3.94	-	4,409	-	3,701	5,668
Ultimate Chiquita	10.14	30.37	-	5.68	10.14	10.00	-	9.13	-	10,227	3,701	10,827
<b>City of San Juan Capistrano</b>												
	-	-	-	-	-	-	-	-	-	-	213	700
<b>City of San Clemente</b>												
Talega	0.74	2.22	-	0.74	0.81	-	0.67	0.67	-	746	1,050	1,150
City of San Clemente	3.20	9.60	7.00	3.20	3.52	3.60	0.89	3.17	1,000	3,549	1,000	1,200
	3.94	11.82	7.00	3.94	4.33	3.60	1.56	3.83	1,000	4,295	2,050	2,350
<b>SOCWA - Latham WTF</b>												
South Coast	1.84	8.70	-	-	-	-	-	-	-	-	-	-
San Juan Capistrano	2.21	15.80	-	-	-	-	-	-	-	-	-	-
Moulton Niguel	1.40	13.00	-	-	-	-	-	-	-	-	-	-
SMWD (Mission Viejo)	1.41	13.00	2.50	1.41	-	-	-	-	-	-	-	-
	6.86	50.50	13.00	1.41	-	-	-	-	-	-	-	-
<b>Urban Runoff</b>												
Arroyo Trabuco	-	-	-	-	-	-	0.27	0.27	307	307	-	-
Oso Barrier	-	-	-	-	-	-	0.75	0.75	841	841	-	-
Gobernadora	-	-	-	-	-	-	0.18	0.18	199	199	-	-
Horno	-	-	-	-	-	-	0.14	0.14	155	155	-	-
Tick	-	-	-	-	-	-	0.11	0.11	119	119	-	-
						-	1.45	1.45	1,575	1,575	-	-
<b>RMV Mutual Water Company</b>												
									550	2,500		
<b>SMWD Total Flows</b>	<b>16.83</b>	<b>54.69</b>	<b>16.86</b>	<b>12.21</b>	<b>20.58</b>	<b>13.00</b>	<b>2.40</b>	<b>13.40</b>	<b>8,472</b>	<b>19,091</b>	<b>7,914</b>	<b>16,177</b>
<b>Total Flows</b>	<b>25.48</b>	<b>101.79</b>	<b>29.67</b>	<b>15.41</b>	<b>24.10</b>	<b>19.00</b>	<b>5.77</b>	<b>21.08</b>	<b>10,627</b>	<b>26,069</b>	<b>10,070</b>	<b>18,533</b>

(1) 4/2017 - 3/2018