

### TMDL Status Summary for the Alum Offset Program in Canyon Lake

Project Contributors	Total Funding <sup>1</sup>	Funding Share <sup>2</sup>	Total Alum Applied (kg)		Cum. TP Offsets (kg) <sup>3</sup>		Req.'d TP Load Reduction <sup>4</sup>		Net TP Status by Dec. '20 <sup>5</sup>	% of 2020 Oblig. Met <sup>5</sup>
			To-Date <sup>6</sup>	by Dec. '19 <sup>7</sup>	To-Date <sup>6</sup>	by Dec. '19 <sup>5</sup>	Avg. Annual	10-year Total		
Riverside County	\$159,093	14.39%	156,875	179,611	1,046	1,197 kg	371 kg/yr	3,712 kg	-2,515 kg	32%
City of Beaumont	\$22,863	2.07%	22,566	25,837	150	172 kg	0 kg/yr	0 kg	+172 kg	n/a
City of Canyon Lake	\$38,080	3.44%	37,502	42,937	250	286 kg	11 kg/yr	107 kg	+179 kg	268%
City of Hemet	\$49,606	4.49%	48,949	56,043	326	374 kg	38 kg/yr	375 kg	-1 kg	100%
City of Lake Elsinore	\$33,952	3.07%	33,468	38,319	223	255 kg	5 kg/yr	50 kg	+205 kg	511%
City of Moreno Valley	\$315,250	28.52%	310,916	355,978	2,073	2,373 kg	125 kg/yr	1,247 kg	+1,126 kg	190%
City of Murrieta	\$19,962	1.81%	19,732	22,592	132	151 kg	3 kg/yr	29 kg	+122 kg	519%
City of Perris	\$75,056	6.79%	74,022	84,751	493	565 kg	59 kg/yr	592 kg	-27 kg	95%
City of Riverside	\$26,603	2.41%	26,273	30,081	175	201 kg	4 kg/yr	43 kg	+158 kg	466%
City of San Jacinto	\$27,545	2.49%	27,145	31,079	181	207 kg	0 kg/yr	0 kg	+207 kg	n/a
City of Menifee	\$182,864	16.54%	180,314	206,447	1,202	1,376 kg	191 kg/yr	1,910 kg	-534 kg	72%
City of Wildomar	\$1,941	0.18%	1,962	2,247	13	15 kg	0 kg/yr	0 kg	+15 kg	n/a
March Joint Powers Authority	\$19,635	1.78%	19,405	22,217	129	148 kg	4 kg/yr	40 kg	+108 kg	370%
Caltrans	\$23,717	2.15%	23,439	26,836	156	179 kg	1 kg/yr	12 kg	+167 kg	1,491%
Federal-DOD (March ARB)	\$29,606	2.68%	29,217	33,451	195	223 kg	4 kg/yr	45 kg	+178 kg	496%
<b>Sub-total for MS4 Permittees</b>	<b>\$1,025,773</b>	<b>92.8%</b>	<b>1,011,785</b>	<b>1,158,425</b>	<b>6,745</b>	<b>7,723 kg</b>	<b>816 kg/yr</b>	<b>8,163 kg</b>	<b>-440 kg</b>	<b>94.6%</b>
San Jacinto CAFO Operators	\$2,677	0.24%	2,616	2,996	17	20 kg	0 kg/yr	0 kg	+20 kg	n/a
WRCAC Members <sup>8</sup>	\$71,625	6.48%	70,643	80,881	471	539 kg	0 kg/yr	0 kg	+539 kg	TBD
Ag. Operators: Irrigated	\$0	0.00%	0	0	0	0 kg	40 kg/yr	400 kg	-400 kg	TBD
Ag. Operators: Non-irrigated	\$0	0.00%	0	0	0	0 kg	393 kg/yr	3,925 kg	-3,925 kg	TBD
CWAD Exempt (Ag.<20 acres)	\$0	0.00%	0	0	0	0 kg	64 kg/yr	641 kg	-641 kg	TBD
CA DF&G-San Jacinto Wetlands	\$5,288	0.48%	5,233	5,991	35	40 kg	0 kg/yr	1 kg	+39 kg	3,994%
<b>Sub-total for Ag &amp; Dairy Ops.</b>	<b>\$79,590</b>	<b>7.2%</b>	<b>78,492</b>	<b>89,868</b>	<b>523</b>	<b>599 kg</b>	<b>497 kg/yr</b>	<b>4,967 kg</b>	<b>-4,368 kg</b>	<b>12.1%</b>
<b>State Grant Funding (Prop. 84)</b>	<b>\$500,000</b>	<b>n/a</b>	<b>778,885</b>	<b>778,885</b>	<b>5,193</b>	<b>5,193 kg</b>	<b>0 kg/yr</b>	<b>0 kg</b>	<b>+5,193 kg</b>	<b>n/a</b>
<b>TOTAL<sup>9</sup></b>	<b>\$1,605,363</b>		<b>1,869,162</b>	<b>2,027,179</b>	<b>12,461 kg</b>	<b>13,515 kg</b>	<b>1,313 kg/yr</b>	<b>13,130 kg</b>	<b>+385 kg</b>	<b>103%</b>

<sup>1</sup> Total contributions (including remaining reserves) to date less any prior reimbursements made to stakeholders. Does not include amounts proposed in FY2019-2020 draft budget.

<sup>2</sup> Percent of total stakeholder net contribution thru end of FY2018-19 (excluding grant funds). Does not include amounts proposed in FY2019-20 draft budget.

<sup>3</sup> 150 kg of alum sequesters and offsets 1 kg of total phosphorus (as described on pages 7-18 and 7-26 in the 2018 TMDL Technical Report).

<sup>4</sup> Estimated required load reductions are based on annualized long-term averages shown in Table 6-3 (pg. 6-8) of the 2018 TMDL Technical Report.

<sup>5</sup> Includes estimated alum application of 158,000 kg in September, 2019 and assumes that no additional alum is applied in CY2020.

<sup>6</sup> Includes all alum applied from September, 2013 thru April, 2019 (a total of 12 lake applications to-date).

<sup>7</sup> Includes estimated alum application of 158,000 kg in Sept. of 2019 to be funded using the remaining \$146,334 from the alum reserve account.

<sup>8</sup> Alum credits sponsored by WRCAC will be assigned to Ag. operators (irrigated and non-irrigated) in proportion to each member's funding contribution.

<sup>9</sup> Some columns and rows do not total to exact amounts due to rounding values shown in individual cells.