

**Table AQ 9-1. Particle Size Composition Summary for French Meadows Reservoir.**

Particle Size Region <sup>1</sup>	Sand <2 mm	Fine Gravel 2-8 mm	Medium Gravel 8-45 mm	Coarse Gravel 45-64 mm	Cobble 64-256 mm	Boulder/Bedrock >256 mm
1	31%	24%	38%	4%	3%	0%
2	25%	13%	21%	11%	30%	0%
3 <sup>1</sup>	17%	20%	30%	8%	25%	0%
4 <sup>1,2</sup>	26%	18%	37%	12%	7%	0%
5	25%	13%	21%	11%	30%	0%
6 <sup>1</sup>	14%	11%	29%	19%	21%	6%
7	100%	0%	0%	0%	0%	0%
8	14%	11%	29%	19%	21%	6%
9	6%	8%	22%	7%	57%	0%
10	85%	5%	5%	5%	0%	0%
11	14%	11%	29%	19%	21%	6%
12	17%	20%	30%	8%	25%	0%
13	14%	11%	29%	19%	21%	6%
14	31%	24%	38%	4%	3%	0%
15 <sup>1</sup>	6%	8%	22%	7%	57%	0%
16	85%	5%	5%	5%	0%	0%
17 <sup>1</sup>	31%	24%	38%	4%	3%	0%
18	10%	0%	0%	0%	90%	0%
20	100%	0%	0%	0%	0%	0%
21	31%	24%	38%	4%	3%	0%
22	100%	0%	0%	0%	0%	0%
23	100%	0%	0%	0%	0%	0%
24	5%	5%	5%	5%	80%	0%
A	5%	5%	5%	5%	80%	0%
C	100%	0%	0%	0%	0%	0%
D	100%	0%	0%	0%	0%	0%
E	6%	8%	22%	7%	57%	0%
F	6%	8%	22%	7%	57%	0%
G	6%	8%	22%	7%	57%	0%
H	25%	13%	21%	11%	30%	0%
I	6%	8%	22%	7%	57%	0%
J	17%	20%	30%	8%	25%	0%
K	14%	11%	29%	19%	21%	6%
L	100%	0%	0%	0%	0%	0%

<sup>1</sup>Particle size distribution determined from particle size analyses. Refer to text for description of estimation of particle size distributions for the other Particle Size Regions.

<sup>2</sup>Average of duplicate samples.

**Table AQ 9-2. Estimated Volume of Sediment Accrual in French Meadows Reservoir.**

Particle Size Region <sup>1</sup>	Accumulated Sediment Volume	Sand	Fine Gravel	Medium Gravel	Coarse Gravel	Cobble	Boulder/Bedrock
	cubic yards	<2 mm	2-8 mm	8-45 mm	45-64 mm	64-256 mm	>256 mm
1	581	180	139	221	23	17	0
2	235	59	30	49	26	70	0
3	3536	601	707	1061	283	884	0
4	2514	654	452	930	302	176	0
5	177	44	23	37	19	53	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	5069	710	558	1470	963	1065	304
9	1971	118	158	434	138	1124	0
10	5439	4623	272	272	272	0	0
11	1462	205	161	424	278	307	88
12	1412	240	282	424	113	353	0
13	1710	239	188	496	325	359	103
14	4891	1516	1174	1859	196	147	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
21	526	163	126	200	21	16	0
J	0						
<b>Total (cubic yards)</b>	<b>29523</b>	<b>9352</b>	<b>4271</b>	<b>7876</b>	<b>2959</b>	<b>4571</b>	<b>495</b>
<b>Percent of Total</b>		<b>32%</b>	<b>14%</b>	<b>27%</b>	<b>10%</b>	<b>15%</b>	<b>2%</b>

<sup>1</sup>The Particle Size Regions that were identified as having gravel deposits are summarized in this table. Refer to Map AQ 9-9.

Note: 0 cubic yards of accumulated sediment indicate Particle Size Regions where erosion of sediment was calculated.

**Table AQ 9-3. Particle Size Composition Summary for Duncan Creek Diversion Pool.**

<b>Particle Size Region<sup>1</sup></b>	<b>Sand &lt;2 mm</b>	<b>Fine Gravel 2-8 mm</b>	<b>Medium Gravel 8-45 mm</b>	<b>Coarse Gravel 45-64 mm</b>	<b>Cobble 64-256 mm</b>	<b>Boulder/Bedrock &gt;256 mm</b>
Surface Pebble Count						
1	0%	2%	33%	15%	49%	1%
2	0%	11%	54%	13%	22%	0%
3a <sup>2</sup>	0%	13%	77%	7%	3%	0%
3b <sup>2</sup>	4%	15%	74%	4%	3%	0%
4	0%	15%	50%	17%	18%	0%
Bulk Sample						
3a (Pit #2)	33%	11%	10%	20%	26%	0%
3b (Pit #1)	20%	20%	26%	15%	19%	0%

<sup>1</sup>Particle Size Region refers to defined areas located on Map AQ 9-4.

<sup>2</sup>Due to the large area of Particle Size Region 3, a second sample was collected.