

		Fresno State		Humboldt State		San Jose State		Tongi University		University of the Pacific		UC Berkley		Chico State		UC Davis		Universite Laval		University of Nevada		Sacramento State	
		Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points	Measured Value	Points
Water Quality	pH	5.67	2	6.67	4	6.09	3	6.96	5	5.8	3	5.23	1	4.11	0	11.32	0	12.04	0	4.82	1	4.32	0
	Turbidity (NTU)	371	2.27	12	5.00	682	1.36	157	3.64	32	4.55	426	1.82	33	4.09	187	3.18	1550	0.91	273	2.73	2237	0.45
	Total Free/Available Chlorine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Electrical Conductivity (µS/cm)	8010	4.09	8520	3.18	12670	0.91	7710	5.00	8530	2.73	8190	3.64	7850	4.55	12040	1.36	13120	0.45	10960	1.82	9800	2.27
	Dissolved Oxygen (%)	257.0	0	116.5	3	Outside Limits	0	110.1	3	135.6	1	229.3	0	188.2	0	132	1	Outside Limits	0	69.6	1	8.3	0
	Volume (gal)	6.31	3.50	5.47	3.04	5.71	3.17	7.17	3.98	7.19	4.00	7.96	4.42	5.66	3.14	1.27	0.71	5.80	3.22	3.86	2.14	6.74	3.74
<b>Subtotal</b>		<b>11.87</b>	<b>/30</b>	<b>18.22</b>	<b>/30</b>	<b>8.44</b>	<b>/30</b>	<b>20.62</b>	<b>/30</b>	<b>15.27</b>	<b>/30</b>	<b>10.88</b>	<b>/30</b>	<b>11.78</b>	<b>/30</b>	<b>6.25</b>	<b>/30</b>	<b>4.59</b>	<b>/30</b>	<b>8.69</b>	<b>/30</b>	<b>6.47</b>	<b>/30</b>
Design Report	Filter Design and Analysis	13.67	/15	13.00	/15	14.00	/15	14.33	/15	15.00	/15	14.00	/15	12.67	/15	14.00	/15	14.33	/15	14.33	/15	12.33	/15
	Material List/Cost analysis	2.00	/3	2.33	/3	2.67	/3	3.00	/3	2.50	/3	3.00	/3	1.67	/3	3.00	/3	2.67	/3	2.67	/3	2.67	/3
	Sustainability	3.33	/4	3.33	/4	3.67	/4	3.00	/4	4.00	/4	4.00	/4	2.67	/4	3.67	/4	3.67	/4	3.33	/4	3.00	/4
	Professional Quality	2.33	/3	2.33	/3	2.67	/3	2.33	/3	3.00	/3	2.67	/3	2.00	/3	2.67	/3	3.00	/3	2.67	/3	2.33	/3
<b>Subtotal</b>		<b>21.33</b>	<b>/25</b>	<b>21.00</b>	<b>/25</b>	<b>23.00</b>	<b>/25</b>	<b>22.67</b>	<b>/25</b>	<b>24.50</b>	<b>/25</b>	<b>23.67</b>	<b>/25</b>	<b>19.00</b>	<b>/25</b>	<b>23.33</b>	<b>/25</b>	<b>23.67</b>	<b>/25</b>	<b>23.00</b>	<b>/25</b>	<b>20.33</b>	<b>/25</b>
Poster Presentation	Technical Content	1.67	/2	1.33	/2	1.00	/2	1.67	/2	1.33	/2	1.67	/2	1.67	/2	1.67	/2	2.00	/2	1.67	/2	1.00	/2
	Profesinoal Quality	0.83	/1	1.00	/1	0.83	/1	0.83	/1	1.00	/1	0.83	/1	0.83	/1	1.00	/1	0.83	/1	0.83	/1	0.50	/1
	Presentation and Q & A	2.00	/2	2.00	/2	2.00	/2	1.33	/2	2.00	/2	2.00	/2	2.00	/2	1.67	/2	2.00	/2	1.67	/2	1.67	/2
<b>Subtotal</b>		<b>4.50</b>	<b>/5</b>	<b>4.33</b>	<b>/5</b>	<b>3.83</b>	<b>/5</b>	<b>3.83</b>	<b>/5</b>	<b>4.33</b>	<b>/5</b>	<b>4.50</b>	<b>/5</b>	<b>4.50</b>	<b>/5</b>	<b>4.33</b>	<b>/5</b>	<b>4.83</b>	<b>/5</b>	<b>4.17</b>	<b>/5</b>	<b>3.17</b>	<b>/5</b>
Oral Presentation	Technical Content	6.33	/8	8.00	/8	7.00	/8	7.00	/8	7.67	/8	7.33	/8	6.67	/8	7.33	/8	8.00	/8	6.67	/8	6.67	/8
	Visuals	3.00	/3	2.67	/3	2.67	/3	2.67	/3	3.00	/3	2.67	/3	2.67	/3	2.67	/3	3.00	/3	2.67	/3	2.33	/3
	Oral Presentation	3.33	/4	3.33	/4	4.00	/4	3.00	/4	4.00	/4	3.67	/4	3.33	/4	3.67	/4	4.00	/4	3.00	/4	4.00	/4
	Q & A	4.33	/5	5.00	/5	5.00	/5	4.00	/5	4.67	/5	5.00	/5	4.00	/5	5.00	/5	5.00	/5	4.00	/5	5.00	/5
<b>Subtotal</b>		<b>17.00</b>	<b>/20</b>	<b>19.00</b>	<b>/20</b>	<b>18.67</b>	<b>/20</b>	<b>16.67</b>	<b>/20</b>	<b>19.33</b>	<b>/20</b>	<b>18.67</b>	<b>/20</b>	<b>16.67</b>	<b>/20</b>	<b>18.67</b>	<b>/20</b>	<b>20.00</b>	<b>/20</b>	<b>16.33</b>	<b>/20</b>	<b>18.00</b>	<b>/20</b>
Construction	Construction Time	11.00	/13	13.00	/13	8.00	/13	4.00	/13	9.00	/13	11.00	/13	5.00	/13	3.00	/13	6.00	/13	7.00	/13	2.00	/13
	Utilization of Space	4.00	/5	5.00	/5	5.00	/5	5.00	/5	5.00	/5	5.00	/5	5.00	/5	2.00	/5	5.00	/5	5.00	/5	5.00	/5
	Orderliness of Construction Site	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1	0.00	/1	1.00	/1	0.00	/1	0.50	/1	1.00	/1	1.00	/1
	Overall Teamwork	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1	1.00	/1
<b>Subtotal</b>		<b>17.00</b>	<b>/20</b>	<b>20.00</b>	<b>/20</b>	<b>15.00</b>	<b>/20</b>	<b>11.00</b>	<b>/20</b>	<b>16.00</b>	<b>/20</b>	<b>17.00</b>	<b>/20</b>	<b>12.00</b>	<b>/20</b>	<b>6.00</b>	<b>/20</b>	<b>12.50</b>	<b>/20</b>	<b>14.00</b>	<b>/20</b>	<b>9.00</b>	<b>/20</b>
<b>Deductions</b>			<b>/15 Max</b>		<b>/15 Max</b>	<b>1.00</b>	<b>/15 Max</b>	<b>0.00</b>	<b>/15 Max</b>		<b>/15 Max</b>	<b>1.00</b>	<b>/15 Max</b>	<b>5</b>	<b>/15 Max</b>	<b>3</b>	<b>/15 Max</b>	<b>3</b>	<b>/15 Max</b>		<b>/15 Max</b>		<b>/15 Max</b>
<b>Total</b>		<b>71.70</b>	<b>/100</b>	<b>82.55</b>	<b>/100</b>	<b>67.94</b>	<b>/100</b>	<b>74.79</b>	<b>/100</b>	<b>79.44</b>	<b>/100</b>	<b>73.71</b>	<b>/100</b>	<b>58.95</b>	<b>/100</b>	<b>55.58</b>	<b>/100</b>	<b>62.59</b>	<b>/100</b>	<b>66.19</b>	<b>/100</b>	<b>56.97</b>	<b>/100</b>