

Rankings		7	5	8	12	11	1	3	4	9	2	6	10	
	max points	CSUF	CSULA	CSULB	CSUN	UHM	CPP	SDSU	SLO	UCI	UCLA	USC	LMU	
System Performance (26%)	Turbidity	5	3.33	1.67	2.50	4.17	0.42	5.00	2.92	3.75	0.42	2.08	0.42	4.58
	pH value	5	5	5	5	3	4	5	5	5	5	5	5	5
	TOC	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dissolved Oxygen	5	2	0	0	0	0	1	1	0	0	0	0	1
	Chemical Oxygen Demand (COD)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Phosphorus	5	1	0	0	1	0	2.5	2	0	0	0	0	0
	Water Color	5	5.00	1.67	2.50	3.75	0.42	4.17	4.58	3.33	0.42	2.08	1.25	2.92
	Rate of Treatment	5	2.08	3.33	5.00	0.42	0.83	1.67	2.92	1.25	4.17	4.58	3.75	2.50
	<i>Subtotal</i>	30	18.41	11.67	15.00	2.5	5.67	19.33	18.42	13.33	10.00	13.75	10.42	16.00
Design Report (32%)	Project Introduction	5	3	4	3	3.25	3.25	5	5	4	3.75	4.5	3	2.5
	Bench-Scale Testing	5	2.5	3.5	3.25	2.75	3	4	4	5	4	4	5	3
	Pilot-Scale System	10	4	8.5	7	5	5.5	10	8	7.5	7.5	7.75	9.5	5
	Testing Methods	5	2	3	2.5	2	2.5	3.75	4.5	5	1.5	3.75	5	1.5
	Scale-Up System	10	3	7.25	5	3	3	3.5	6.75	5	4.5	4.5	8	4
	Sustainability	5	3	5	3.5	2	4.5	2	2	3	2.5	2.5	4	2
	Cost Analysis	5	1.75	3	2	2	2	3.5	3	3	2	3	3	2
	Professional Quality	5	5	5	5	4	5	5	5	5	5	5	5	5
	<i>Subtotal</i>	50	24.25	39.25	31.25	24	28.75	36.75	38.25	37.5	30.75	35	42.5	25
Presentation (16%)	Technical Knowledge	10	6	6	8.5	4	5	9.5	8	8	7.5	10	8	6
	Professionalism	10	7	7	7	7	7	10	8	9	8	10	7	6.5
	Poster	5	3	4	4.5	2.5	3	5	4.5	4	4	4.5	3	3
	<i>Subtotal</i>	25	16	17	20	13.5	15	24.5	20.5	21	19.5	24.5	18	15.5
Construction (23%)	Construction Time	10	4.17	7.5	3.33	5	9.17	8.33	0.83	5.83	0.83	10	0.83	6.67
	Cost Comparison	8	6.67	8.00	0.67	6.00	3.33	7.33	4.67	5.33	4.00	2.67	2.00	1.33
	Overall Teamwork	4	4	4	4	4	4	4	4	4	4	4	4	4
	Land Footprint	4	2.5	4	2.5	3.5	4	3	3	3	4	3	3	3
	Water Leakage	4	4	3	4	4	3.5	4	3	4	4	4	2	4
	Safety	5	5	2	3.5	5	5	5	5	3	5	5	5	4
<i>Subtotal</i>	35	26.34	28.5	18	27.5	29	31.66	20.5	25.16	21.83	28.67	16.83	23	
Aesthetics (3%)	Visual Appeal	5	2.5	2.5	2.5	2.5	2.5	5	5	2.5	2.5	2.5	2.5	2.5
	<i>Subtotal</i>	5	2.5	2.5	2.5	2.5	2.5	5	5	2.5	2.5	2.5	2.5	2.5
Total		145	87.50333333	98.91666667	86.75	70	80.91666667	117.2433333	102.6666667	99.49333333	84.58	104.42	90.24666667	82

Cost Comparison Calculation	Total Cost	\$145.91	\$70	\$407.62	\$184.00	\$264.77	\$90.25	\$231.87	\$206.42	\$261.32	\$349.62	\$357.29	\$370.00
	Rank	10	12	1	9	5	11	7	8	6	4	3	2
Times		26:00:00	19:02	26:30:00	24:12:00	12:55	14:40	30	23:38	30	12:20	30	20:20
Ranks		8	4	9	7	2	3	10	6	10	1	10	5
Reverse Rank		5	9	4	6	11	10	1	7	1	12	1	8