

If teams are not participating in water treatment, make sure to DELETE ENTIRE TEAM ROW. This ensures the calculations are protected. \*example values inputed for testing

Team Information		Water Quality Measurements							Water Quality Scores						Competition Scores	
Team #	School	NTU	pH	EC (µS)	Volume (gal)	%DO	[Chlorine] (ppm)	Chlorine Difference from 4 ppm	NTU Score (5=max)	pH Score (5=max)	EC Score (5=max)	Volume (5 max)	DO (5 max)	Chlorine (5 max)	Total Score	WQ Rank
1	Chico State University	3.1	5.27	500	5.88	0.00	0.60	3.40	1.36	2.00	5.00	3.27	0.00	3.18	14.81	6
2	Fresno State University	-0.1	5.24	703	7.01	0.00	0.20	3.80	2.73	2.00	3.18	3.89	0.00	0.45	12.26	10
3	Humboldt State University	-2.4	6.68	598	6.99	0.00	0.40	3.60	5.00	5.00	4.09	3.88	0.00	1.36	19.34	1
4	Sacramento State University	6.4	5.29	674	7.50	0.00	0.50	3.50	0.91	2.00	3.64	4.17	0.00	2.73	13.44	9
5	San Jose State University	8.5	6.75	843	6.41	0.00	0.80	3.20	0.45	5.00	2.27	3.56	0.00	4.55	15.83	3
6	UC Berkeley	-1.9	10.60	788	6.63	0.00	0.60	3.40	4.09	0.00	2.73	3.68	0.00	3.18	13.68	7
7	UC Davis	-1.3	6.82	1000	8.29	0.00	0.40	3.60	3.64	5.00	0.45	4.61	0.00	1.36	15.06	5
8	University of the Pacific	-0.9	7.50	534	8.33	0.00	0.25	3.75	3.18	4.00	4.55	4.63	0.00	0.91	17.26	2
9	UN Reno	-2.1	7.89	900	5.30	0.00	0.40	3.60	4.55	3.00	1.82	2.94	0.00	1.36	13.67	8
10	Université of Laval	0.3	6.95	1000	5.19	0.00	0.85	3.15	1.82	5.00	0.45	2.88	0.00	5.00	15.16	4
11	Tongji University	0.1	10.78	1000	6.78	0.00	0.65	3.35	2.27	0.00	0.45	3.77	0.00	4.09	10.58	11

**Competition Scoring**

Category	Sub-Category	Points Possible	Chico	Davis	Fresno	Pacific	Humboldt	Reno	Sacramento	Laval	San Jose	Tongji	Berkeley
<b>Water Quality</b>	pH	5											
	Turbidity	5											
	Total Free/Available Chlorine	5											
	Electrical Conductivity	5											
	Dissolved Oxygen	5											
	Volume	5											
	<b>Subtotal</b>	<b>/30</b>	14.81	15.06	12.26	17.26	19.34	13.67	13.44	15.16	15.83	10.58	13.68
<b>Design Report</b>	Filter Design & Analysis	15											
	Materials List/Cost Analysis	3											
	Sustainability	4											
	Professional Quality	3											
	<b>Subtotal</b>	<b>/25</b>	17.75	22.5	17	21	24	20.5	17.5	20	17.5	22	21
<b>Poster Presentation</b>	Technical Content	2											
	Professional Quality	1											
	Presentation and Q&A	2											
	<b>Subtotal</b>	<b>/5</b>	4	5	5	4	5	4.5	3	4.5	4	4	4
<b>Oral Presentation</b>	Technical Content	8											
	Visuals	3											
	Oral Presentation	4											
	Q&A Session	5											
	<b>Subtotal</b>	<b>/20</b>	14.4	16.4	12.8	16.8	18.2	17.3	14.9	18	15.7	17.6	18
<b>Construction</b>	Construction Time	13	4	12	3	8	10	7	4	9	6	13	9
	Cost of Construction	5	0	4	3	0	5	0	0	0	0	2	1
	Orderliness of Construction Site	1	1	1	1	1	1	1	1	1	1	1	1
	Overall Teamwork	1	1	1	1	1	1	1	1	1	1	1	1
	<b>Subtotal</b>	<b>/20</b>	6	18	8	10	17	9	6	11	8	17	12
<b>Total</b>	<b>/100</b>	56.96	76.96	55.06	69.06	83.54	64.97	54.84	68.66	61.03	71.18	68.68	
			9	2	10	4	1	7	11	6	8	3	5