

Schedule of Typical Performance Results Challenge Oil/Water Separation Testing

7356

Project Name (Installed)	Consulting Engineer	Owner	Design Flow Rate, gpm	Surface Overflow Rate, gpm/sq. ft.	Challenge Inlet Oil Concentration, mg/L	Challenge Oil Specific Gravity	Outlet Oil Concentration, mg/L	Analytical Test Method
Oil/Water/Solids Separators-Mac Terminal & AIMD Aprons (1989)	US Army Corps of Engineers	US Navy Naval Air Station Adak, Alaska	Two at 2,500	Both 0.42	>2,500	0.85	1.79-1.26	Standard Methods 206B
Oil/Water/Solids Separator, Bus Facility (1990)	Kramer, Chin and Mayo	City of Honolulu, Hawaii	2,500	0.46	3,780	0.88	9.5	EPA 418.1
Oil/Water/Solids Separators Phase I (1994)	KCM	Boeing Fuel Farm, Seattle, WA	4,205	0.25	4,761	0.89	7.24	WA State DOE Method 418.1M
Oil/Water/Solids Separators Phase II (1994)	KCM	Boeing Fuel Farm, Seattle, WA	690	0.22	3,928	0.89	9.26	WA State DOE Method 418.1M
Oil/Water/Solids Separator (1994)	Hoyle, Tanner & Associates	City of Manchester Airport, NH	2,000	0.21	150,000	0.85	5.72	EPA 418.1
Oil/Water/Solids Separator, Bus Facility Expansion (1995)	KCM	City of Honolulu, Hawaii	1,400	0.23	15,436	0.85	1.0	EPA 418.1
Oil/Water/Solids Separator (1998)	Armour Cape & Pond	Quantico Marine Base, VA	1,165	0.343	5,780	0.85	2.84	EPA 418.1
Oil/Water/Solids Separator (2000)	Tetra Tech/ KCM, Inc.	SeaTac Mall Federal Way, WA	2,245	0.28	5,800	0.85	3.5	EPA 418.1

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