TABLE 2.—TOTAL CONSTITUENT CONCENTRATIONS (PPM) STS–1, UNTREATED AND TREATED

Parameter	Constituent concentrations		
	Untreated	Treated	% removal
Aluminum	5.63	0.20	96
Ammonium	2,175.6	0.079	100
Barium	0.22	0.0075	97
Chloride	0.014	0.00024	98
Fluoride	0.02	0.0002	99
Mercury	0.095	0.00033	100
Nitrate	1.11	0.00022	100
Selenium	1.24	0.0048	100
Acetone	14.0	<0.01	100
Benzene	1.7	0.001	100
1-Butanol	120.0	<0.1	100
Carbon tetrachloride	0.480	0.002	100
Chloroform	1.9	0.029	98
Methyl ethyl ketone	5.3	<0.01	100
Methyl isobutyl ketone	5.8	<0.01	100
Naphthalene	1.9	<0.01	>99
Toluene	1.0	<0.005	100
1,1,1-Trichloroethane	1.3	0.0016	99
Phenol	2.7	<0.01	100
Tributyl Phosphate	15.0	<0.02	100
Tridecane	0.78	0.023	97

< Constituent below detection limit; % minimum removal calculated by assuming constituent is at the detection limit.

TABLE 3.—TOTAL CONSTITUENT CONCENTRATIONS (PPM) STS–2, UNTREATED AND TREATED

Parameter	Constituent concentrations		
	Untreated	Treated	% removal
Ammonium	2,351.0	1.94	100
Arsenic	2.66	0.008	100
Chloride	0.014	0.00079	94
Cyanide	0.002	0.000036	94
Fluoride	0.02	0.0013	94
Mercury	0.095	0.00084	99
Nitrate	1.05	0.00031	100
Acetone	3.9	0.034	99
Benzene	0.21	<0.005	98
1-Butanol	36.0	<0.1	100
Carbon tetrachloride	0.12	0.009	93
Chloroform	0.26	0.025	90
Methyl ethyl ketone	0.82	<0.01	>99
Methyl isobutyl ketone	0.47	<0.01	>98
Naphthalene	0.17	0.016	91
Toluene	0.16	<0.01	>94
1,1,1-Trichloroethane	0.15	<0.005	>97
Phenol	0.21	<0.01	>95
Tributyl Phosphate	8.0	<0.02	100
Tridecane	0.53	0.072	86

< Constituent below detection limit; % minimum removal calculated by assuming constituent is at the detection limit.

TABLE 4.—TOTAL CONSTITUENT CONCENTRATIONS (PPM) STS–3, UNTREATED AND TREATED

Parameter	Constituent Concentrations		
	Untreated	Treated	% removal
Ammonium	35.9	0.15	100
Chloride	0.00065	0.000078	88
Fluoride	0.0052	0.000069	99
Nitrate	0.048	0.0004	99
Selenium	0.94	0.0057	99
Acetone	1.8	<0.01	>99
Benzene	0.016	0.013	99
1-Butanol	7.1	<0.1	>99
Carbon tetrachloride	0.15	0.019	87
Chloroform	0.29	0.006	98
Methyl ethyl ketone	0.078	<0.01	>87
Methyl isobutyl ketone	0.39	0.01	97