

**Table ES-1. Nationally-Representative Estimates for 34 Analytes --  
Estimates Statistically Adjusted to Represent 3,337 POTWs (>1 MGD)**

Analyte	Observed Values		Estimates					
	Minimum	Maximum	Percentiles					Sum
			99 <sup>th</sup>	98 <sup>th</sup>	95 <sup>th</sup>	90 <sup>th</sup>	50 <sup>th</sup>	Mean
<b>Metals (mg/kg)</b>								
Barium	77	2,117	2,230	1,848	1,396	1,088	452	572
Beryllium	0.04	2.34	1.81	1.45	1.04	0.77	0.27	0.38
Manganese	35	14,900	9,700	6,904	4,156	2,648	540	1,165
Molybdenum	2.51	86.4	68.7	55.6	40.5	30.6	11.4	15.3
Silver*	2	195	105	82	57	42	13	20
<b>Organics (ug/kg)</b>								
4-Chloroaniline	51	5,900	12,013	8,288	4,762	2,912	513	1,284
Fluoranthene	45	12,000	13,173	9,112	5,256	3,226	575	1,421
Pyrene	44	14,000	15,918	10,894	6,184	3,742	634	1,654
<b>Classicals (mg/kg)</b>								
Nitrate/Nitrite**	2	6,120	6,120	2,750	960	463	14	219
<b>PBDEs (ng/kg)</b>								
BDE-47 (2,2',4,4'-tetrabromodiphenyl)	73,000	5,000,000	2,650,430	2,212,077	1,688,881	1,329,167	570,448	709,174
BDE-99 (2,2',4,4',5-pentabromodiphenyl)	64,000	4,000,000	2,696,928	2,248,181	1,713,370	1,346,295	574,559	716,362
BDE-153 (2,2',4,4',5,5'-hexabromodiphenyl)	9,100	410,000	265,395	220,098	166,454	129,902	54,117	68,334
BDE-209 (decabromodiphenyl)	150,000	17,000,000	15,836,435	11,645,502	7,360,103	4,898,034	1,162,523	2,181,237
<b>Pharmaceuticals (ug/kg)</b>								
4-Epitetracycline (ETC)	41	4,380	8,026	5,937	3,787	2,540	620	1,135
Azithromycin	8	5,205	8,717	5,811	3,172	1,853	278	831
Carbamazepine	9	6,030	1,234	856	497	306	55	135
Cimetidine*	4	8,330	19,128	10,975	4,789	2,294	171	1,332

**Table ES-1 (cont.)**

Analyte	Observed Values		Estimates					
	Minimum	Maximum	Percentiles					Sum
			99 <sup>th</sup>	98 <sup>th</sup>	95 <sup>th</sup>	90 <sup>th</sup>	50 <sup>th</sup>	Mean
<b>Pharmaceuticals (ug/kg) (cont.)</b>								
Ciprofloxacin	75	40,800	79,636	57,975	36,095	23,703	5,367	10,501
Diphenhydramine	37	5,730	5,255	4,021	2,696	1,891	541	871
Doxycycline	34	5,090	7,021	5,046	3,082	1,989	424	877
Erythromycin-Total	2	180	264	194	123	82	19	36
Fluoxetine*	10	3,130	1,555	1,178	778	539	147	245
Miconazole	7	9,210	16,931	10,083	4,652	2,341	207	1,239
Ofloxacin	25	58,100	85,562	57,929	32,363	19,304	3,113	8,573
Tetracycline (TC)	38	5,270	10,042	7,250	4,458	2,895	630	1,278
Triclocarban	187	441,000	276,708	205,043	131,079	88,120	21,677	39,433
Triclosan	334	133,000	197,288	124,176	62,217	33,693	3,862	16,097
<b>Steroids and Hormones (ug/kg)</b>								
Beta Stigmastanol	3,440	1,330,000	1,651,188	1,123,256	632,009	379,365	62,547	168,079
Campesterol	2,840	524,000	842,112	598,919	360,119	229,283	46,547	100,879
Cholestanol	3,860	4,590,000	7,874,368	5,071,045	2,629,149	1,467,636	187,244	680,046
Cholesterol	2,340	5,390,000	13,376,891	8,538,884	4,369,111	2,410,541	295,092	1,129,268
Coprostanol	7,720	43,700,000	57,794,254	35,060,035	16,626,022	8,574,467	827,108	4,366,714
Epicoprostanol	868	6,030,000	25,579,800	13,441,281	5,143,938	2,193,143	108,028	1,702,708
Stigmasterol	455	568,500	4,606,900	2,646,615	1,157,099	555,217	41,513	321,199

\* For these analytes, the calculations in this table excluded either one or two concentration values. For silver, one sample was considered a non-detect; for cimetidine, one sample did not meet the chemical quality assurance criteria; and for fluoxetine, two samples did not meet the chemical quality assurance criteria.

\*\* Nitrate/nitrite estimates were generated using the non-parametric model. Estimates for all other analytes in this table were calculated using the parametric model, which treated any non-detected outcomes as censored at the sample-specific detection limit.