SIU.Uncont.Mass.Bal

IUP Count	INDUSTRY NAMES (please list alphabetically)	Industry Permit/Pipe number	FLOW Average Discharge MGD	FLOW Average Discharge gal/day	BOD Average Discharge Conc. mg/l	BOD Average Discharge Load lbs/day	TSS Average Discharge Conc. mg/l	TSS Average Discharge Load lbs/day	AMMONIA Average Discharge Conc. mg/l	AMMONIA Average Discharge Load lbs/day	ARSENIC Average Discharge Conc. mg/l	ARSENIC Average Discharge Load lbs/day
1	Carolina Dye House, Inc.	1008/01	0.02147	21,470	80.73	14.46	5.72	1.02	1.07	0.1916	0.005	0.0009
2	Flying Carpet Co.	1005/01	0.01714	17,140	93	13.29	30.87	4.41	4.89	0.6990	0.0037	0.0005
3	Big Time Textiles	1011/01	0.2283	228,300	151.67	288.78	48.6	92.54	2.55	4.8553	0.003	0.0057
4	Metals Extraordinaire	1012/01	0.00711	7,110	14.67	0.87	16.17	0.96	0.18	0.0107	0.0029	0.0002
5												
6												
12												
13												
	Sum of Industrial Loading (lbs/day) =>		0.2740	274020		317.403		98.931		5.7565		0.0073
			MGD	gal/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day
	Avg Influent loading (lbs/day) =>		2.809	2,809,000	237	5552.21	251	5880.19	26.2	613.7890	0.005	0.1171
	Uncontrollable Load from Mass Bal (lbs/day) =>		2.5350			5,234.811		5,781.261		608.0324		0.1098
	Uncontrollable Concen. from Mass Bal (mg/L) =>				248		273		28.8		0.0052	
	Uncont. from Uncont. Sampling (mg/L + lbs/day) =>											
	Uncontrollable Concen. From Literature (mg/L) =>				250		250		25		0.003	
	Uncontrollable conc. to be used in HWA (mg/L) =>				248		273		28.8		0.0052	
	Detection Levels (mg/L)				2		2.5		0.1		0.01	

Spreadsheet Instructions:
1) Applicable Values should be entered in the Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) Formulas are discussed in the Comprehensive Guidance, Chapter 5, Section E, page 5.

Choose "Uncontrollable Concentration to be used in HWA" (row 31) from Uncontrollable Concentration From "Mass Balance" (row 25), "Sampling" (row 27), or "Literature" (row 29). Document reasons.

SIU.Uncont.Mass.Bal

IUP Count	INDUSTRY NAMES (please list alphabetically)	Industry Permit/Pipe number	FLOW Average Discharge MGD	FLOW Average Discharge gal/day	CADMIUM Average Discharge Conc. mg/l	CADMIUM Average Discharge Load lbs/day	CHROMIUM Average Discharge Conc. mg/l	CHROMIUM Average Discharge Load lbs/day	COPPER Average Discharge Conc. mg/l	COPPER Average Discharge Load lbs/day	CYANIDE Average Discharge Conc. mg/l	CYANIDE Average Discharge Load lbs/day
1	Carolina Dye House, Inc.	1008/01	0.02147	21,470	0.0005	0.0001	0.2066	0.0370	0.016	0.0029	0.006	0.0011
2	Flying Carpet Co.	1005/01	0.01714	17,140	0.0006	0.0001	0.0029	0.0004	0.0358	0.0051	0.0731	0.0104
3	Big Time Textiles	1011/01	0.2283	228,300	0.0005	0.0010	0.0025	0.0048	0.1082	0.2060	0.0071	0.0135
4	Metals Extraordinaire	1012/01	0.00711	7,110	0.0006	0.0000	0.0025	0.0001	0.0402	0.0024	0.0048	0.0003
5												
6												
12												
13												
	Sum of Industrial Loading (lbs/day) =>		0.2740	274020		0.0012		0.0423		0.2164		0.0253
			MGD	gal/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day
	Avg Influent loading (lbs/day) =>		2.809	2,809,000	0.0005	0.0117	0.0025	0.0586	0.0476	1.1151	0.0114	0.2671
	Uncontrollable Load from Mass Bal (lbs/day) =>		2.5350			0.0106		0.0163		0.8987		0.2417
	Uncontrollable Concen. from Mass Bal (mg/L) =>				0.0005		0.0008		0.0425		0.0114	
	Uncont. from Uncont. Sampling (mg/L + lbs/day) =>											
	Uncontrollable Concen. From Literature (mg/L) =>				0.003		0.05		0.061		0.041	
	Uncontrollable conc. to be used in HWA (mg/L) =>				0.0005		0.0008		0.0425		0.0106	

Spreadsheet Instructions:
1) Applicable Values should be entered in the Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) Formulas are discussed in the Comprehensive Guidance, Chapter 5, Section E, page 5.

Choose "Uncontrollable Concentration to be used in HWA" (row 31) from Uncontrollable Concentration From "Mass Balance" (row 25), "Sampling" (row 27), or "Literature" (row 29). Document reasons.

Detection Levels (mg/L)	0.002	0.005	0.002	0.01

SIU.Uncont.Mass.Bal

IUP Count	INDUSTRY NAMES (please list alphabetically)	Industry Permit/Pipe number	FLOW Average Discharge MGD	FLOW Average Discharge gal/day	LEAD Average Discharge Conc. mg/l	LEAD Average Discharge Load lbs/day	MERCURY Average Discharge Conc. mg/l	MERCURY Average Discharge Load lbs/day	MOLYBDENUM Average Discharge Conc. mg/l	MOLYBDENUM Average Discharge Load lbs/day	NICKEL Average Discharge Conc. mg/l	NICKEL Average Discharge Load lbs/day
1	Carolina Dye House, Inc.	1008/01	0.02147	21,470	0.0018	0.0003	0.0001	0.00002	0.0025	0.0004	0.0265	0.0047
2	Flying Carpet Co.	1005/01	0.01714	17,140	0.0038	0.0005	0.00013	0.00002	0.0547	0.0078	0.0029	0.0004
3	Big Time Textiles	1011/01	0.2283	228,300	0.0027	0.0051	0.00012	0.00023	0.0033	0.0063	0.0038	0.0000
4	Metals Extraordinaire	1012/01	0.00711	7,110	0.0029	0.0002	0.00012	0.00001	0.0038	0.0002	0.0044	0.0003
5												
6												
12												
13												
	Sum of Industrial Loading (lbs/day) =>		0.2740	274020		0.0062		0.00027		0.0148		0.0054
			MGD	gal/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day
	Avg Influent loading (lbs/day) =>		2.809	2,809,000	0.003	0.0703	0.00017	0.00398	0.0031	0.0726	0.0025	0.0586
	Uncontrollable Load from Mass Bal (lbs/day) =>		2.5350			0.0641		0.00371		0.0578		0.0531
	Uncontrollable Concen. from Mass Bal (mg/L) =>				0.0030		0.00018		0.0027		0.0025	
	Uncont. from Uncont. Sampling (mg/L + lbs/day) =>											
	Uncontrollable Concen. From Literature (mg/L) =>				0.049		0.0003				0.021	
	Uncontrollable conc. to be used in HWA (mg/L) =>				0.003		0.00018		0.0027		0.0025	
	Detection Levels (mg/L)				0.01		0.0002		0.1		0.01	

Spreadsheet Instructions:
1) Applicable Values should be entered in the Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) Formulas are discussed in the Comprehensive Guidance, Chapter 5, Section E, page 5.

Choose "Uncontrollable Concentration to be used in HWA" (row 31) from Uncontrollable Concentration From "Mass Balance" (row 25), "Sampling" (row 27), or "Literature" (row 29). Document reasons.

SIU.Uncont.Mass.Bal

IUP Count	INDUSTRY NAMES (please list alphabetically)	Industry Permit/Pipe number	FLOW Average Discharge MGD	FLOW Average Discharge gal/day	SELENIUM Average Discharge Conc. mg/l	SELENIUM Average Discharge Load lbs/day	SILVER Average Discharge Conc. mg/l	SILVER Average Discharge Load lbs/day	ZINC Average Discharge Conc. mg/l	ZINC Average Discharge Load lbs/day
1	Carolina Dye House, Inc.	1008/01	0.02147	21,470	0.005	0.0009	0.0025	0.0004	0.3892	0.0697
2	Flying Carpet Co.	1005/01	0.01714	17,140	0.0039	0.0006	0.0025	0.0004	0.1163	0.0166
3	Big Time Textiles	1011/01	0.2283	228,300	0.0033	0.0063	0.0025	0.0048	0.0497	0.0946
4	Metals Extraordinaire	1012/01	0.00711	7,110	0.0043	0.0003	0.0025	0.0001	0.0682	0.0040
5										
6										
12										
13										
	Sum of Industrial Loading (lbs/day) =>		0.2740	274020		0.0080		0.0057		0.1850
			MGD	gal/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day
	Avg Influent loading (lbs/day) =>		2.809	2,809,000	0.005	0.1171	0.0023	0.0539	0.3915	9.1717
	Uncontrollable Load from Mass Bal (lbs/day) =>		2.5350			0.1091		0.0482		8.9867
	Uncontrollable Concen. from Mass Bal (mg/L) =>				0.0052		0.0023		0.4251	
	Uncont. from Uncont. Sampling (mg/L + lbs/day) =>									
	Uncontrollable Concen. From Literature (mg/L) =>						0.005		0.175	
	Uncontrollable conc. to be used in HWA (mg/L) =>				0.0052		0.0023		0.4251	
	Detection Levels (mg/L)				0.01		0.005		0.01	

Spreadsheet Instructions:
1) Applicable Values should be entered in the Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) Formulas are discussed in the Comprehensive Guidance, Chapter 5, Section E, page 5.

Choose "Uncontrollable Concentration to be used in HWA" (row 31) from Uncontrollable Concentration From "Mass Balance" (row 25), "Sampling" (row 27), or "Literature" (row 29). Document reasons.

Sample Location: Carolina Dye House

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	BOD <	BOD mg/L	BOD Used in Calculation	BOD Calculated lbs/day	TSS <	TSS mg/L	TSS Used in Calculation	TSS Calculated lbs/day	AMMONIA <	AMMONIA mg/L	AMMONIA Used in Calculation	AMMONIA Calculated lbs/day
10/14/2016	0.0221		78	78	14.38		4.4	4.4	0.81		0.94	0.94	0.17
7/8/2016	0.0234		84	84	16.39		6.4	6.4	1.25				
4/8/2016	0.0256		95	95	20.28		8.7	8.7	1.86				
3/9/2016	0.0197		62	62	10.19	<	2.5	1.25	0.21		0.82	0.82	0.13
1/15/2016	0.0205		78	78	13.34		5	5	0.85				
10/16/2015	0.0262		95	95	20.76		8.3	8.3	1.81		1.58	1.58	0.35
7/10/2015	0.0145		82	82	9.92		6.7	6.7	0.81				
4/17/2015	0.0245		75	75	15.32		4.8	4.8	0.98				
3/11/2015	0.0199		97	97	16.10		8.5	8.5	1.41		1.33	1.33	0.22
1/23/2015	0.0196		75	75	12.26		4.8	4.8	0.78				
10/17/2014	0.0222		72	72	13.33		3.9	3.9	0.72		0.84	0.84	0.16
7/18/2014	0.0178		86	86	12.77		6.5	6.5	0.96				
4/11/2014	0.0234		76	76	14.83		5.7	5.7	1.11				
3/18/2014	0.0215		79	79	14.17		5.2	5.2	0.93		0.88	0.88	0.16
1/17/2014	0.0212		77	77	13.61		5.6	5.6	0.99				
Column Averages =>	0.02147			80.73	14.51			5.72	1.03			1.07	0.20

Sample Location: Carolina Dye House

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	ARSENIC <	ARSENIC mg/L	ARSENIC Used in Calculation	ARSENIC Calculated lbs/day	CADMIUM <	CADMIUM mg/L	CADMIUM Used in Calculation	CADMIUM Calculated lbs/day	CHROMIUM <	CHROMIUM mg/L	CHROMIUM Used in Calculation	CHROMIUM Calculated lbs/day
10/14/2016	0.0221	<	0.01	0.005	0.0009	<	0.001	0.0005	0.0001		0.203	0.203	0.0374
7/8/2016	0.0234	<	0.01	0.005	0.0010								
4/8/2016	0.0256	<	0.01	0.005	0.0011								
3/9/2016	0.0197	<	0.01	0.005	0.0008	<	0.001	0.0005	0.0001	<	0.005	0.0025	0.0004
1/15/2016	0.0205	<	0.01	0.005	0.0009								
10/16/2015	0.0262	<	0.01	0.005	0.0011	<	0.001	0.0005	0.0001		0.288	0.288	0.0629
7/10/2015	0.0145	<	0.01	0.005	0.0006								
4/17/2015	0.0245	<	0.01	0.005	0.0010								
3/11/2015	0.0199	<	0.01	0.005	0.0008	<	0.001	0.0005	0.0001		0.297	0.297	0.0493
1/23/2015	0.0196	<	0.01	0.005	0.0008								
10/17/2014	0.0222	<	0.01	0.005	0.0009	<	0.001	0.0005	0.0001		0.218	0.218	0.0404
7/18/2014	0.0178	<	0.01	0.005	0.0007								
4/11/2014	0.0234	<	0.01	0.005	0.0010								
3/18/2014	0.0215	<	0.01	0.005	0.0009	<	0.001	0.0005	0.0001		0.231	0.231	0.0414
1/17/2014	0.0212	<	0.01	0.005	0.0009								
Column Averages =>	0.02147			0.0050	0.0009			0.0005	0.0001			0.2066	0.0386

Sample Location: Carolina Dye House

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	COPPER <	COPPER mg/L	COPPER Used in Calculation	COPPER Calculated lbs/day	CYANIDE <	CYANIDE mg/L	CYANIDE Used in Calculation	CYANIDE Calculated lbs/day	LEAD <	LEAD mg/L	LEAD Used in Calculation	LEAD Calculated lbs/day
10/14/2016	0.0221		0.014	0.014	0.0026		0.005	0.005	0.0009	<	0.001	0.0005	0.0001
7/8/2016	0.0234		0.022	0.022	0.0043		0.005	0.005	0.0010				
4/8/2016	0.0256		0.025	0.025	0.0053		0.01	0.01	0.0021				
3/9/2016	0.0197		0.005	0.005	0.0008	<	0.005	0.0025	0.0004	<	0.001	0.0005	0.0001
1/15/2016	0.0205		0.012	0.012	0.0021		0.006	0.006	0.0010				
10/16/2015	0.0262		0.032	0.032	0.0070		0.005	0.005	0.0011		0.006	0.006	0.0013
7/10/2015	0.0145		0.022	0.022	0.0027		0.006	0.006	0.0007				
4/17/2015	0.0245		0.008	0.008	0.0016		0.005	0.005	0.0010				
3/11/2015	0.0199		0.028	0.028	0.0046		0.006	0.006	0.0010		0.003	0.003	0.0005
1/23/2015	0.0196		0.012	0.012	0.0020		0.007	0.007	0.0011				
10/17/2014	0.0222		0.011	0.011	0.0020		0.005	0.005	0.0009	<	0.001	0.0005	0.0001
7/18/2014	0.0178		0.023	0.023	0.0034		0.008	0.008	0.0012				
4/11/2014	0.0234		0.01	0.01	0.0020		0.006	0.006	0.0012				
3/18/2014	0.0215		0.008	0.008	0.0014		0.005	0.005	0.0009	<	0.001	0.0005	0.0001
1/17/2014	0.0212		0.008	0.008	0.0014		0.008	0.008	0.0014				
Column Averages =>	0.02147			0.0160	0.0029			0.0060	0.0011			0.0018	0.0004

Sample Location: Carolina Dye House

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	MERCURY <	MERCURY mg/L	MERCURY Used in Calculation	MERCURY Calculated lbs/day	MOLYBDENUM <	MOLYBDENUM mg/L	MOLYBDENUM Used in Calculation	MOLYBDENUM Calculated lbs/day	NICKEL <	NICKEL mg/L	NICKEL Used in Calculation	NICKEL Calculated lbs/day
10/14/2016	0.0221	<	0.0002	0.0001	0.00002	<	0.005	0.0025	0.0005		0.026	0.026	0.0048
7/8/2016	0.0234												
4/8/2016	0.0256												
3/9/2016	0.0197	<	0.0002	0.0001	0.00002	<	0.005	0.0025	0.0004		0.015	0.015	0.0025
1/15/2016	0.0205												
10/16/2015	0.0262	<	0.0002	0.0001	0.00002	<	0.005	0.0025	0.0005		0.025	0.025	0.0055
7/10/2015	0.0145												
4/17/2015	0.0245												
3/11/2015	0.0199	<	0.0002	0.0001	0.00002	<	0.005	0.0025	0.0004		0.044	0.044	0.0073
1/23/2015	0.0196												
10/17/2014	0.0222	<	0.0002	0.0001	0.00002	<	0.005	0.0025	0.0005		0.021	0.021	0.0039
7/18/2014	0.0178												
4/11/2014	0.0234												
3/18/2014	0.0215	<	0.0002	0.0001	0.00002	<	0.005	0.0025	0.0004		0.028	0.028	0.0050
1/17/2014	0.0212												
Column Averages =>	0.02147			0.00010	0.00002			0.0025	0.0005			0.0265	0.0048

Sample Location: Carolina Dye House

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	SELENIUM <	SELENIUM mg/L	SELENIUM Used in Calculation	SELENIUM Calculated lbs/day	SILVER <	SILVER mg/L	SILVER Used in Calculation	SILVER Calculated lbs/day	ZINC <	ZINC mg/L	ZINC Used in Calculation	ZINC Calculated lbs/day
10/14/2016	0.0221		0.005	0.005	0.0009	<	0.005	0.0025	0.0005		0.541	0.541	0.0997
7/8/2016	0.0234												
4/8/2016	0.0256												
3/9/2016	0.0197	<	0.005	0.0025	0.0004	<	0.005	0.0025	0.0004		0.263	0.263	0.0432
1/15/2016	0.0205												
10/16/2015	0.0262		0.005	0.005	0.0011	<	0.005	0.0025	0.0005		0.349	0.349	0.0763
7/10/2015	0.0145												
4/17/2015	0.0245												
3/11/2015	0.0199		0.01	0.01	0.0017	<	0.005	0.0025	0.0004		0.485	0.485	0.0805
1/23/2015	0.0196												
10/17/2014	0.0222	<	0.005	0.0025	0.0005	<	0.005	0.0025	0.0005		0.317	0.317	0.0587
7/18/2014	0.0178												
4/11/2014	0.0234												
3/18/2014	0.0215		0.005	0.005	0.0009	<	0.005	0.0025	0.0004		0.38	0.38	0.0681
1/17/2014	0.0212												
Column Averages =>	0.02147			0.0050	0.0009			0.0025	0.0005			0.3892	0.0711

Flying Carpet data.xls

Sample Location: Flying Carpet Company

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	BOD <	BOD mg/L	BOD Used in Calculation	BOD Calculated lbs/day	TSS <	TSS mg/L	TSS Used in Calculation	TSS Calculated lbs/day	AMMONIA <	AMMONIA mg/L	AMMONIA Used in Calculation	AMMONIA Calculated lbs/day
10/27/2016	0.0185		105	105	16.20		46	46	7.10		6.55	6.55	1.01
8/3/2016	0.0206		86	86	14.78		31	31	5.33				
4/28/2016	0.0132		78	78	8.59		24	24	2.64				
3/9/2016	0.0135		83	83	9.34		28	28	3.15		3.18	3.18	0.36
1/28/2016	0.0124		76	76	7.86		22	22	2.28				
11/3/2015	0.0224		116	116	21.67		49	49	9.15		7.28	7.28	1.36
7/21/2015	0.0225		115	115	21.58		44	44	8.26				
4/29/2015	0.0142		77	77	9.12		32	32	3.79				
3/11/2015	0.0161		96	96	12.89		30	30	4.03		3.85	3.85	0.52
2/3/2015	0.0115		62	62	5.95		12	12	1.15				
10/28/2014	0.0227		98	98	18.55		29	29	5.49		3.52	3.52	0.67
8/5/2014	0.0219		107	107	19.54		33	33	6.03				
5/6/2014	0.0195		102	102	16.59		31	31	5.04				
3/18/2014	0.0158		112	112	14.76		36	36	4.74		4.93	4.93	0.65
1/28/2014	0.0123		82	82	8.41		16	16	1.64				
Column Averages =>	0.01714			93.00	13.72			30.87	4.65			4.89	0.76

Sample Location: Flying Carpet Company

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	ARSENIC <	ARSENIC mg/L	ARSENIC Used in Calculation	ARSENIC Calculated lbs/day	CADMIUM <	CADMIUM mg/L	CADMIUM Used in Calculation	CADMIUM Calculated lbs/day	CHROMIUM <	CHROMIUM mg/L	CHROMIUM Used in Calculation	CHROMIUM Calculated lbs/day
10/27/2016	0.0185	<	0.005	0.0025	0.0004	<	0.001	0.0005	0.0001	<	0.005	0.0025	0.0004
8/3/2016	0.0206		0.006	0.006	0.0010								
4/28/2016	0.0132	<	0.005	0.0025	0.0003								
3/9/2016	0.0135	<	0.005	0.0025	0.0003	<	0.001	0.0005	0.0001	<	0.005	0.0025	0.0003
1/28/2016	0.0124	<	0.005	0.0025	0.0003								
11/3/2015	0.0224		0.006	0.006	0.0011	<	0.001	0.0005	0.0001	<	0.005	0.0025	0.0005
7/21/2015	0.0225		0.005	0.005	0.0009								
4/29/2015	0.0142	<	0.005	0.0025	0.0003								
3/11/2015	0.0161	<	0.005	0.0025	0.0003	<	0.001	0.0005	0.0001	<	0.005	0.0025	0.0003
2/3/2015	0.0115	<	0.005	0.0025	0.0002								
10/28/2014	0.0227		0.008	0.008	0.0015		0.001	0.001	0.0002		0.005	0.005	0.0009
8/5/2014	0.0219		0.005	0.005	0.0009								
5/6/2014	0.0195	<	0.005	0.0025	0.0004								
3/18/2014	0.0158	<	0.005	0.0025	0.0003	<	0.001	0.0005	0.0001	<	0.005	0.0025	0.0003
1/28/2014	0.0123	<	0.005	0.0025	0.0003								
Column Averages =>	0.01714			0.0037	0.0006			0.0006	0.0001			0.0029	0.0005

Sample Location: Flying Carpet Company

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	COPPER <	COPPER mg/L	COPPER Used in Calculation	COPPER Calculated lbs/day	CYANIDE <	CYANIDE mg/L	CYANIDE Used in Calculation	CYANIDE Calculated lbs/day	LEAD <	LEAD mg/L	LEAD Used in Calculation	LEAD Calculated lbs/day
10/27/2016	0.0185		0.033	0.033	0.0051		0.058	0.058	0.0089		0.006	0.006	0.0009
8/3/2016	0.0206		0.049	0.049	0.0084		0.062	0.062	0.0107				
4/28/2016	0.0132		0.025	0.025	0.0028		0.045	0.045	0.0050				
3/9/2016	0.0135		0.015	0.015	0.0017		0.03	0.03	0.0034		0.004	0.004	0.0005
1/28/2016	0.0124		0.028	0.028	0.0029		0.06	0.06	0.0062				
11/3/2015	0.0224		0.053	0.053	0.0099		0.115	0.115	0.0215		0.005	0.005	0.0009
7/21/2015	0.0225		0.066	0.066	0.0124		0.11	0.11	0.0206				
4/29/2015	0.0142		0.025	0.025	0.0030		0.085	0.085	0.0101				
3/11/2015	0.0161		0.044	0.044	0.0059		0.097	0.097	0.0130		0.004	0.004	0.0005
2/3/2015	0.0115		0.018	0.018	0.0017		0.055	0.055	0.0053				
10/28/2014	0.0227		0.055	0.055	0.0104		0.085	0.085	0.0161		0.003	0.003	0.0006
8/5/2014	0.0219		0.033	0.033	0.0060		0.094	0.094	0.0172				
5/6/2014	0.0195		0.042	0.042	0.0068		0.085	0.085	0.0138				
3/18/2014	0.0158		0.026	0.026	0.0034		0.06	0.06	0.0079		0.001	0.001	0.0001
1/28/2014	0.0123		0.025	0.025	0.0026		0.055	0.055	0.0056				
Column Averages =>	0.01714			0.0358	0.0055			0.0731	0.0110			0.0038	0.0006

Sample Location: Flying Carpet Company

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	MERCURY <	MERCURY mg/L	MERCURY Used in Calculation	MERCURY Calculated lbs/day	MOLYBDENUM <	MOLYBDENUM mg/L	MOLYBDENUM Used in Calculation	MOLYBDENUM Calculated lbs/day	NICKEL <	NICKEL mg/L	NICKEL Used in Calculation	NICKEL Calculated lbs/day
10/27/2016	0.0185		0.0002	0.0002	0.00003		0.077	0.077	0.0119	<	0.005	0.0025	0.0004
8/3/2016	0.0206												
4/28/2016	0.0132												
3/9/2016	0.0135	<	0.0002	0.0001	0.00001		0.055	0.055	0.0062	<	0.005	0.0025	0.0003
1/28/2016	0.0124												
11/3/2015	0.0224		0.0002	0.0002	0.00004		0.085	0.085	0.0159		0.005	0.005	0.0009
7/21/2015	0.0225												
4/29/2015	0.0142												
3/11/2015	0.0161	<	0.0002	0.0001	0.00001		0.046	0.046	0.0062	<	0.005	0.0025	0.0003
2/3/2015	0.0115												
10/28/2014	0.0227	<	0.0002	0.0001	0.00002		0.025	0.025	0.0047	<	0.005	0.0025	0.0005
8/5/2014	0.0219												
5/6/2014	0.0195												
3/18/2014	0.0158	<	0.0002	0.0001	0.00001		0.04	0.04	0.0053	<	0.005	0.0025	0.0003
1/28/2014	0.0123												
Column Averages =>	0.01714			0.00013	0.00002			0.0547	0.0084			0.0029	0.0005

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Location:	FLOW	SELENIUM				SILVER				ZINC			
Flying Carpet Company													
Sample Date	MGD	<	mg/L	Used in Calculation	Calculated lbs/day	<	mg/L	Used in Calculation	Calculated lbs/day	<	mg/L	Used in Calculation	Calculated lbs/day
10/27/2016	0.0185		0.006	0.006	0.0009	<	0.005	0.0025	0.0004		0.141	0.141	0.0218
8/3/2016	0.0206												
4/28/2016	0.0132												
3/9/2016	0.0135	<	0.005	0.0025	0.0003	<	0.005	0.0025	0.0003		0.105	0.105	0.0118
1/28/2016	0.0124												
11/3/2015	0.0224		0.005	0.005	0.0009	<	0.005	0.0025	0.0005		0.115	0.115	0.0215
7/21/2015	0.0225												
4/29/2015	0.0142												
3/11/2015	0.0161	<	0.005	0.0025	0.0003	<	0.005	0.0025	0.0003		0.087	0.087	0.0117
2/3/2015	0.0115												
10/28/2014	0.0227	<	0.005	0.0025	0.0005	<	0.005	0.0025	0.0005		0.095	0.095	0.0180
8/5/2014	0.0219												
5/6/2014	0.0195												
3/18/2014	0.0158		0.005	0.005	0.0007	<	0.005	0.0025	0.0003		0.155	0.155	0.0204
1/28/2014	0.0123												
Column Averages =>	0.01714			0.0039	0.0006			0.0025	0.0004			0.1163	0.0175

Sample Location: Big Time Textiles

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	BOD <	BOD mg/L	BOD Used in Calculation	BOD Calculated lbs/day	TSS <	TSS mg/L	TSS Used in Calculation	TSS Calculated lbs/day	AMMONIA <	AMMONIA mg/L	AMMONIA Used in Calculation	AMMONIA Calculated lbs/day
10/18/2016	0.266		215	215	476.96		88	88	195.22		3.12	3.12	6.92
7/27/2016	0.204		133	133	226.28		47	47	79.96				
5/18/2016	0.185		120	120	185.15		25	25	38.57				
3/9/2016	0.218		145	145	263.63		55	55	100.00		2.55	2.55	4.64
2/16/2016	0.195		125	125	203.29		36	36	58.55				
11/10/2015	0.277		190	190	438.93		76	76	175.57		2.75	2.75	6.35
7/28/2015	0.245		155	155	316.71		48	48	98.08				
4/23/2015	0.214		175	175	312.33		62	62	110.66				
3/11/2015	0.225		162	162	303.99		48	48	90.07		2.25	2.25	4.22
1/29/2015	0.197		132	132	216.87		32	32	52.58				
10/22/2014	0.272		186	186	421.94		72	72	163.33		2.65	2.65	6.01
7/15/2014	0.266		143	143	317.24		38	38	84.30				
5/13/2014	0.248		139	139	287.50		40	40	82.73				
3/18/2014	0.208		130	130	225.51		35	35	60.72		2	2	3.47
2/4/2014	0.205		125	125	213.71		27	27	46.16				
Column Averages =>	0.2283			151.67	294.00			48.60	95.77			2.55	5.27

Sample Location: Big Time Textiles

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	ARSENIC <	ARSENIC mg/L	ARSENIC Used in Calculation	ARSENIC Calculated lbs/day	CADMIUM <	CADMIUM mg/L	CADMIUM Used in Calculation	CADMIUM Calculated lbs/day	CHROMIUM <	CHROMIUM mg/L	CHROMIUM Used in Calculation	CHROMIUM Calculated lbs/day
10/18/2016	0.266		0.005	0.005	0.0111	<	0.001	0.0005	0.0011	<	0.005	0.0025	0.0055
7/27/2016	0.204	<	0.005	0.0025	0.0043								
5/18/2016	0.185	<	0.005	0.0025	0.0039								
3/9/2016	0.218	<	0.005	0.0025	0.0045	<	0.001	0.0005	0.0009	<	0.005	0.0025	0.0045
2/16/2016	0.195	<	0.005	0.0025	0.0041								
11/10/2015	0.277		0.005	0.005	0.0116	<	0.001	0.0005	0.0012	<	0.005	0.0025	0.0058
7/28/2015	0.245	<	0.005	0.0025	0.0051								
4/23/2015	0.214	<	0.005	0.0025	0.0045								
3/11/2015	0.225	<	0.005	0.0025	0.0047	<	0.001	0.0005	0.0009	<	0.005	0.0025	0.0047
1/29/2015	0.197	<	0.005	0.0025	0.0041								
10/22/2014	0.272		0.005	0.005	0.0113	<	0.001	0.0005	0.0011	<	0.005	0.0025	0.0057
7/15/2014	0.266	<	0.005	0.0025	0.0055								
5/13/2014	0.248	<	0.005	0.0025	0.0052								
3/18/2014	0.208	<	0.005	0.0025	0.0043	<	0.001	0.0005	0.0009	<	0.005	0.0025	0.0043
2/4/2014	0.205	<	0.005	0.0025	0.0043								
Column Averages =>	0.2283			0.0030	0.0059			0.0005	0.0010			0.0025	0.0051

Sample Location: Big Time Textiles

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	COPPER <	COPPER mg/L	COPPER Used in Calculation	COPPER Calculated lbs/day	CYANIDE <	CYANIDE mg/L	CYANIDE Used in Calculation	CYANIDE Calculated lbs/day	LEAD <	LEAD mg/L	LEAD Used in Calculation	LEAD Calculated lbs/day
10/18/2016	0.266		0.132	0.132	0.2928		0.008	0.008	0.0177		0.004	0.004	0.0089
7/27/2016	0.204		0.105	0.105	0.1786		0.007	0.007	0.0119				
5/18/2016	0.185		0.055	0.055	0.0849	<	0.005	0.0025	0.0039				
3/9/2016	0.218		0.126	0.126	0.2291		0.008	0.008	0.0145		0.004	0.004	0.0073
2/16/2016	0.195		0.075	0.075	0.1220	<	0.005	0.0025	0.0041				
11/10/2015	0.277		0.097	0.097	0.2241		0.01	0.01	0.0231	<	0.001	0.0005	0.0012
7/28/2015	0.245		0.125	0.125	0.2554		0.01	0.01	0.0204				
4/23/2015	0.214		0.062	0.062	0.1107	<	0.005	0.0025	0.0045				
3/11/2015	0.225		0.116	0.116	0.2177		0.008	0.008	0.0150		0.002	0.002	0.0038
1/29/2015	0.197		0.095	0.095	0.1561		0.01	0.01	0.0164				
10/22/2014	0.272		0.165	0.165	0.3743		0.006	0.006	0.0136		0.005	0.005	0.0113
7/15/2014	0.266		0.142	0.142	0.3150		0.012	0.012	0.0266				
5/13/2014	0.248		0.135	0.135	0.2792		0.008	0.008	0.0165				
3/18/2014	0.208		0.068	0.068	0.1180	<	0.005	0.0025	0.0043	<	0.001	0.0005	0.0009
2/4/2014	0.205		0.125	0.125	0.2137		0.009	0.009	0.0154				
Column Averages =>	0.2283			0.1082	0.2114			0.0071	0.0139			0.0027	0.0055

Sample Location: Big Time Textiles

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	MERCURY <	MERCURY mg/L	MERCURY Used in Calculation	MERCURY Calculated lbs/day	MOLYBDENUM <	MOLYBDENUM mg/L	MOLYBDENUM Used in Calculation	MOLYBDENUM Calculated lbs/day	NICKEL <	NICKEL mg/L	NICKEL Used in Calculation	NICKEL Calculated lbs/day
10/18/2016	0.266	<	0.0002	0.0001	0.00022	<	0.005	0.0025	0.0055		0.005	0.005	0.0111
7/27/2016	0.204												
5/18/2016	0.185												
3/9/2016	0.218	<	0.0002	0.0001	0.00018		0.005	0.005	0.0091		0.005	0.005	0.0091
2/16/2016	0.195												
11/10/2015	0.277	<	0.0002	0.0001	0.00023	<	0.005	0.0025	0.0058	<	0.005	0.0025	0.0058
7/28/2015	0.245												
4/23/2015	0.214												
3/11/2015	0.225	<	0.0002	0.0001	0.00019	<	0.005	0.0025	0.0047	<	0.005	0.0025	0.0047
1/29/2015	0.197												
10/22/2014	0.272		0.0002	0.0002	0.00045		0.005	0.005	0.0113		0.005	0.005	0.0113
7/15/2014	0.266												
5/13/2014	0.248												
3/18/2014	0.208	<	0.0002	0.0001	0.00017	<	0.005	0.0025	0.0043	<	0.005	0.0025	0.0043
2/4/2014	0.205												
Column Averages =>	0.2283			0.00012	0.00024			0.0033	0.0068			0.0038	0.0077

Sample Location: Big Time Textiles

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".
2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	SELENIUM <	SELENIUM mg/L	SELENIUM Used in Calculation	SELENIUM Calculated lbs/day	SILVER <	SILVER mg/L	SILVER Used in Calculation	SILVER Calculated lbs/day	ZINC <	ZINC mg/L	ZINC Used in Calculation	ZINC Calculated lbs/day
10/18/2016	0.266	<	0.005	0.0025	0.0055	<	0.005	0.0025	0.0055		0.065	0.065	0.1442
7/27/2016	0.204												
5/18/2016	0.185												
3/9/2016	0.218		0.005	0.005	0.0091	<	0.005	0.0025	0.0045		0.05	0.05	0.0909
2/16/2016	0.195												
11/10/2015	0.277	<	0.005	0.0025	0.0058	<	0.005	0.0025	0.0058		0.035	0.035	0.0809
7/28/2015	0.245												
4/23/2015	0.214												
3/11/2015	0.225	<	0.005	0.0025	0.0047	<	0.005	0.0025	0.0047		0.042	0.042	0.0788
1/29/2015	0.197												
10/22/2014	0.272		0.005	0.005	0.0113	<	0.005	0.0025	0.0057		0.075	0.075	0.1701
7/15/2014	0.266												
5/13/2014	0.248												
3/18/2014	0.208	<	0.005	0.0025	0.0043	<	0.005	0.0025	0.0043		0.031	0.031	0.0538
2/4/2014	0.205												
Column Averages =>	0.2283			0.0033	0.0068			0.0025	0.0051			0.0497	0.1031

Sample Location: Metals Extraordinaire

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	BOD <	BOD mg/L	BOD Used in Calculation	BOD Calculated lbs/day	TSS <	TSS mg/L	TSS Used in Calculation	TSS Calculated lbs/day	AMMONIA <	AMMONIA mg/L	AMMONIA Used in Calculation	AMMONIA Calculated lbs/day
10/13/2016	0.00512		9	9	0.38		10	10	0.43		0.12	0.12	0.01
8/16/2016	0.00615												
4/19/2016	0.00815												
3/9/2016	0.00672		15	15	0.84		17	17	0.95		0.18	0.18	0.01
2/17/2016	0.00752												
12/8/2015	0.00865		23	23	1.66		24	24	1.73		0.25	0.25	0.02
8/4/2015	0.00665												
5/7/2015	0.00775												
3/11/2015	0.00655		13	13	0.71		15	15	0.82		0.18	0.18	0.01
2/28/2015	0.00725												
11/25/2014	0.00805		18	18	1.21		20	20	1.34		0.22	0.22	0.01
9/3/2014	0.00668												
5/22/2014	0.00787												
3/27/2014	0.00648		10	10	0.54		11	11	0.59		0.15	0.15	0.01
1/30/2014	0.007												
Column Averages =>	0.00711			14.67	0.89			16.17	0.98			0.18	0.01

Sample Location:		FLOW	ARSENIC				CADMIUM				CHROMIUM			
Metals Extraordinaire														
Sample Date		MGD	<	mg/L	Used in Calculation	Calculated lbs/day	<	mg/L	Used in Calculation	Calculated lbs/day	<	mg/L	Used in Calculation	Calculated lbs/day
10/13/2016	Spreadsheet Instructions: 1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2". 2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.	0.00512	<	0.005	0.0025	0.0001	<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
8/16/2016		0.00615					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
4/19/2016		0.00815					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0002
3/9/2016		0.00672	<	0.005	0.0025	0.0001	<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
2/17/2016		0.00752					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0002
12/8/2015		0.00865		0.005	0.005	0.0004		0.001	0.001	0.0001	<	0.005	0.0025	0.0002
8/4/2015		0.00665					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
5/7/2015		0.00775					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0002
3/11/2015		0.00655	<	0.005	0.0025	0.0001	<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
2/28/2015		0.00725					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0002
11/25/2014		0.00805	<	0.005	0.0025	0.0002		0.001	0.001	0.0001	<	0.005	0.0025	0.0002
9/3/2014		0.00668					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
5/22/2014		0.00787					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0002
3/27/2014		0.00648	<	0.005	0.0025	0.0001	<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
1/30/2014		0.007					<	0.001	0.0005	0.0000	<	0.005	0.0025	0.0001
Column Averages =>		0.00711			0.0029	0.0002			0.0006	0.0000			0.0025	0.0001

Sample Location: Metals Extraordinaire

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	COPPER <	COPPER mg/L	COPPER Used in Calculation	COPPER Calculated lbs/day	CYANIDE <	CYANIDE mg/L	CYANIDE Used in Calculation	CYANIDE Calculated lbs/day	LEAD <	LEAD mg/L	LEAD Used in Calculation	LEAD Calculated lbs/day
10/13/2016	0.00512		0.035	0.035	0.0015		0.005	0.005	0.0002		0.004	0.004	0.0002
8/16/2016	0.00615		0.052	0.052	0.0027		0.008	0.008	0.0004		0.01	0.01	0.0005
4/19/2016	0.00815		0.027	0.027	0.0018	<	0.005	0.0025	0.0002	<	0.001	0.0005	0.0000
3/9/2016	0.00672		0.02	0.02	0.0011	<	0.005	0.0025	0.0001	<	0.001	0.0005	0.0000
2/17/2016	0.00752		0.03	0.03	0.0019		0.005	0.005	0.0003		0.002	0.002	0.0001
12/8/2015	0.00865		0.065	0.065	0.0047		0.005	0.005	0.0004		0.001	0.001	0.0001
8/4/2015	0.00665		0.068	0.068	0.0038		0.007	0.007	0.0004		0.008	0.008	0.0004
5/7/2015	0.00775		0.032	0.032	0.0021	<	0.005	0.0025	0.0002	<	0.001	0.0005	0.0000
3/11/2015	0.00655		0.048	0.048	0.0026		0.006	0.006	0.0003		0.002	0.002	0.0001
2/28/2015	0.00725		0.025	0.025	0.0015	<	0.005	0.0025	0.0002		0.001	0.001	0.0001
11/25/2014	0.00805		0.07	0.07	0.0047		0.008	0.008	0.0005		0.005	0.005	0.0003
9/3/2014	0.00668		0.035	0.035	0.0019		0.007	0.007	0.0004		0.008	0.008	0.0004
5/22/2014	0.00787		0.042	0.042	0.0028		0.006	0.006	0.0004	<	0.001	0.0005	0.0000
3/27/2014	0.00648		0.026	0.026	0.0014	<	0.005	0.0025	0.0001	<	0.001	0.0005	0.0000
1/30/2014	0.007		0.028	0.028	0.0016	<	0.005	0.0025	0.0001	<	0.001	0.0005	0.0000
Column Averages =>	0.00711			0.0402	0.0024			0.0048	0.0003			0.0029	0.0002

Sample Location: Metals Extraordinaire

Spreadsheet Instructions:
1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2".

2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will automatically calculate averages and removal rates using 1/2 value entered.

Sample Date	FLOW MGD	MERCURY <	MERCURY mg/L	MERCURY Used in Calculation	MERCURY Calculated lbs/day	MOLYBDENUM <	MOLYBDENUM mg/L	MOLYBDENUM Used in Calculation	MOLYBDENUM Calculated lbs/day	NICKEL <	NICKEL mg/L	NICKEL Used in Calculation	NICKEL Calculated lbs/day
10/13/2016	0.00512	<	0.0002	0.0001	0.00000		0.005	0.005	0.0002		0.005	0.005	0.0002
8/16/2016	0.00615										0.006	0.006	0.0003
4/19/2016	0.00815									<	0.005	0.0025	0.0002
3/9/2016	0.00672	<	0.0002	0.0001	0.00001	<	0.005	0.0025	0.0001	<	0.005	0.0025	0.0001
2/17/2016	0.00752									<	0.005	0.0025	0.0002
12/8/2015	0.00865	<	0.0002	0.0001	0.00001	<	0.005	0.0025	0.0002		0.008	0.008	0.0006
8/4/2015	0.00665										0.006	0.006	0.0003
5/7/2015	0.00775										0.006	0.006	0.0004
3/11/2015	0.00655	<	0.0002	0.0001	0.00001	<	0.005	0.0025	0.0001		0.005	0.005	0.0003
2/28/2015	0.00725									<	0.005	0.0025	0.0002
11/25/2014	0.00805		0.0002	0.0002	0.00001		0.005	0.005	0.0003	<	0.005	0.0025	0.0002
9/3/2014	0.00668										0.005	0.005	0.0003
5/22/2014	0.00787										0.005	0.005	0.0003
3/27/2014	0.00648	<	0.0002	0.0001	0.00001		0.005	0.005	0.0003	<	0.005	0.0025	0.0001
1/30/2014	0.007										0.005	0.005	0.0003
Column Averages =>	0.00711			0.00012	0.00001			0.0038	0.0002			0.0044	0.0003

Sample Location:		FLOW	SELENIUM				SILVER				ZINC			
Metals Extraordinaire					Used in	Calculated			Used in	Calculated			Used in	Calculated
Sample Date		MGD	<	mg/L	Calculation	lbs/day	<	mg/L	Calculation	lbs/day	<	mg/L	Calculation	lbs/day
10/13/2016	Spreadsheet Instructions: 1) Data entered only in Heavy Bordered cells. Rest of worksheet is protected, password is "2". 2) For below detection data, enter "<" in "<" column, and enter detection level in Influent or Effluent mg/l columns. Spreadsheet will auto-matically calculate averages and removal rates using 1/2 value entered.	0.00512		0.006	0.006	0.0003	<	0.005	0.0025	0.0001		0.058	0.058	0.0025
8/16/2016		0.00615					<	0.005	0.0025	0.0001		0.078	0.078	0.0040
4/19/2016		0.00815					<	0.005	0.0025	0.0002		0.038	0.038	0.0026
3/9/2016		0.00672	<	0.005	0.0025	0.0001	<	0.005	0.0025	0.0001		0.066	0.066	0.0037
2/17/2016		0.00752					<	0.005	0.0025	0.0002		0.036	0.036	0.0023
12/8/2015		0.00865		0.005	0.005	0.0004	<	0.005	0.0025	0.0002		0.115	0.115	0.0083
8/4/2015		0.00665					<	0.005	0.0025	0.0001		0.098	0.098	0.0054
5/7/2015		0.00775					<	0.005	0.0025	0.0002		0.045	0.045	0.0029
3/11/2015		0.00655		0.005	0.005	0.0003	<	0.005	0.0025	0.0001		0.068	0.068	0.0037
2/28/2015		0.00725					<	0.005	0.0025	0.0002		0.055	0.055	0.0033
11/25/2014		0.00805	<	0.005	0.0025	0.0002	<	0.005	0.0025	0.0002		0.125	0.125	0.0084
9/3/2014		0.00668					<	0.005	0.0025	0.0001		0.065	0.065	0.0036
5/22/2014		0.00787					<	0.005	0.0025	0.0002		0.077	0.077	0.0051
3/27/2014		0.00648		0.005	0.005	0.0003	<	0.005	0.0025	0.0001		0.054	0.054	0.0029
1/30/2014		0.007					<	0.005	0.0025	0.0001		0.045	0.045	0.0026
Column Averages =>		0.00711			0.0043	0.0002			0.0025	0.0001			0.0682	0.0041