Table 2

Central Wire Union, IL

Pump & Treat: Influent, Effluents and Removal Efficiency (in µg/L)

Month / Year	Effluent			Influent			% Removal			Overall Average by Quarter
	TCE	PCE	TCA	TCE	PCE	TCA	TCE	PCE	TCA	
1/2014	1.2	0.68 J	0.87 J							
2	2.1	1.4	2.2							
3	1.7	1.2	2.2							
1Q Avg	1.66	1.09	1.42	**11.07**	4.99	13.33	85.00%	78.16%	89.35%	**84.63%**
4	1.6	1.1	1.7							
5	1.1	0.96 J	1.1							
6	1	0.7 J	0.94 J							
2Q Avg	1.79	0.92	1.26	**17.67**	**21.33**	27.33	89.87%	95.69%	95.39%	**93.65%**
7	1.2	0.95 J	0.90 J							
8	1.2	1.1	0.80 J							
9	0.91	0.94 J	0.64 J							
3Q Avg	1.1	1	0.78	**12.07**	**21.33**	15.07	90.89%	95.31%	94.82%	**93.67%**
10	1.1	0.78 J	0.78 J							
11	0.9	0.64 J	0.64 J							
12	0.67	<0.17	<0.20							
4Q Avg	0.89	0.53	0.54	**11.67**	**11.47**	20	92.37%	95.38%	97.30%	**95.02%**
1/2015	1.4	<0.17	1.5							
2	1.2	<0.17	1.2							
3	1.1	<0.17	<0.20							
1Q Avg	1.23	0.17	0.97	**7.53**	4.13	1.92	83.67%	95.88%	49.48%	**76.34%**
4	1.1	<0.17	<0.20							
5	1.1	<0.17	<0.20							
6	<0.19	0.84 J	0.66 J							
2Q Avg	0.8	0.39	0.35	**11.67**	**12.11**	14.4	93.14%	96.78%	97.57%	**95.83%**
7	1.1	0.78 J	0.55J							
8	0.79	0.70 J	<0.20							
9	0.61	<0.17	<0.20							
3Q Avg	0.83	0.55	0.32	**10.67**	**10.11**	7.8	92.22%	94.56%	95.90%	**94.23%**
10	0.47J	<.037	<0.38							
11	<0.16	<0.37	<0.38							
12	<0.50	<1.0	<1.0							
4Q Avg	0.38	0.58	0.59	**9.67**	**10.79**	12.87	96.07%	94.62%	95.42%	**95.37%**
1/2016	<0.16	<0.37	<0.38							
2	0.31 J	<0.37	<0.38							
3	<0.16	<0.37	<0.38							
1Q Avg	0.21	0.37	0.38	**9.13**	**9.25**	6.6	97.70%	96.00%	94.24%	**95.98%**
4	<0.16	<0.37	<0.38							
5	<0.16	<0.37	<0.38							
6	<0.16	<0.37	<0.38							
2Q Avg	0.16	0.37	0.38	**8.07**	**7.58**	9.8	98.02%	95.12%	96.12%	**96.42%**
7	0.28 J	<0.37	<0.38							
8	0.26 J	<0.37	<0.38							
9	<0.16	<0.37	<0.38							
3Q Avg	0.25	0.37	0.38	**9**	**9.77**	7.8	97.22%	96.21%	95.13%	**96.19%**
10	<0.16	<0.37	<0.38							
11	<0.16	<0.37	<0.38							
12	<0.16	<0.37	<0.38							
4Q Avg	0.16	0.37	0.38	**9.47**	**11.13**	8.67	96.87%	96.68%	95.62%	**96.87%**
1/2017	0.25 J	<0.37	<0.38							
2	<0.16	<0.37	<0.38							
3	0.44J	<0.37	<0.38							
1Q Avg	0.28	0.37	0.38	**9.13**	**11.67**	13.27	96.93%	96.83%	97.14%	**96.97%**
4	<0.16	<0.37	<0.38							
AVG	**0.75**	**0.54**	**0.63**	**10.52**	**11.2**	**12.22**	**93.08%**	**94.51%**	**91.81%**	**93.17%**

8 of 13 quarter had > 95% removal efficiency