



**2014-2017**



## RainClear CFS Results Only

**Aluminum (Al) mg/L**

Test Date	Influent	Effluent	Percent Removed	
2/17/2014	1.22	0.0584	95%	Reduction
3/10/2014	0.0702	0.0315	55%	Reduction
4/1/2014	0.0644	0	100%	Reduction
2/18/2014	0.789	0.338	57%	Reduction
4/1/2014	0.0427	0	100%	Reduction
3/23/2015	16	4.52	72%	Reduction
<b>AVERAGE</b>			<b>79.88%</b>	Reduction

**Lead (Pb) mg/L**

Test Date	Influent	Effluent	Percent Removed	
2/17/2014	0.315	0.00434	99%	Reduction
3/10/2014	0.0136	0	100%	Reduction
4/1/2014	0.00716	0.00103	86%	Reduction
2/18/2014	0.0188	0.00398	79%	Reduction
4/1/2014	0.00144	0	100%	Reduction
3/23/2015	0.0158	0	100%	Reduction
1/13/2016	0.0132	0	100%	Reduction
<b>AVERAGE</b>			<b>94.72%</b>	Reduction

**Iron (Fe) mg/L**

Test Date	Influent	Effluent	Percent Removed	
2/17/2014	2.89	0	100%	Reduction
3/10/2014	0.156	0	100%	Reduction
4/1/2014	0.129	0	100%	Reduction
2/18/2014	2.75	0.449	84%	Reduction
3/10/2014	2.81	0	100%	Reduction
4/1/2014	0.204	0.121	41%	Reduction
3/23/2015	22.2	6.26	72%	Reduction
1/12/2016	0.266	0.0342	87%	Reduction
1/13/2016	1.18	0.702	41%	Reduction
1/28/2016	0.0382	0.0222	42%	Reduction
1/28/2016	0.0212	0.0116	45%	Reduction
4/14/2016	0.0588	0.0152	74%	Reduction
6/23/2016	0.0156	0.008	49%	Reduction
<b>AVERAGE</b>			<b>69.48%</b>	Reduction

**Before 2014**



## All Deployment Test Results

**Dissolved Copper mg/L**

Test Date	Influent	Effluent	Percent Removed	
12/9/2010	0.2	0.0085	96%	Reduction
<b>AVERAGE</b>			<b>96%</b>	Reduction

**Cadmium (Cd) mg/L**

Test Date	Influent	Effluent	Percent Removed	
10/18/2013	0.921	0.151	84%	Reduction
<b>AVERAGE</b>			<b>84%</b>	Reduction

**Copper (Cu) mg/L**

Test Date	Influent	Effluent	Percent Removed	
6/24/2010	0.041	0.021	49%	Reduction
12/9/2010	0.049	0.0096	80%	Reduction
5/13/2011	0.053	0.027	49%	Reduction
7/27/2011	0.323	0.12	63%	Reduction
<b>AVERAGE</b>			<b>60%</b>	Reduction

**Dissolved Zinc mg/L**

Test Date	Influent	Effluent	Percent Removed	
12/9/2010	0.0014	0.0011	21%	Reduction
<b>AVERAGE</b>			<b>21%</b>	Reduction

**Lead (Pb) mg/L**

Test Date	Influent	Effluent	Percent Removed	
6/24/2010	0.012	0.0083	31%	Reduction
8/25/2010	0.0054	0.0018	67%	Reduction
5/13/2011	0.045	0.019	58%	Reduction
7/27/2011	0.0127	0.00772	39%	Reduction
<b>AVERAGE</b>			<b>49%</b>	Reduction

**Zinc (Zn) mg/L**

Test Date	Influent	Effluent	Percent Removed	
6/24/2010	0.42	0.17	60%	Reduction
8/25/2010	1.7	0.026	98%	Reduction
12/9/2010	0.43	0.061	86%	Reduction
1/6/2011	2.1	0.26	88%	Reduction
1/6/2011	3.67	0.402	89%	Reduction
1/6/2011	2.71	0.193	93%	Reduction
1/20/2011	0.73	0.04	95%	Reduction
3/30/2011	4.8	0.13	97%	Reduction
4/18/2011	1.4	0.12	91%	Reduction
5/13/2011	0.24	0.13	46%	Reduction
7/27/2011	1.6	0.474	70%	Reduction
10/18/2013	0.242	0.131	46%	Reduction



**EarthLite**<sup>TM</sup>  
STORMWATER FILTER MEDIA

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2014-2017 RESULTS CONTINUED ON BACK

*AVERAGE*

**80%**

Reduction



**2014-2017**

## RainClear CFS Results Only



### Copper (Cu) mg/L

Test Date	Influent	Effluent	Percent Removed	
2/17/2014	0.0417	0	100%	Reduction
3/10/2014	0.0149	0	100%	Reduction
4/1/2014	0.013	0.00672	48%	Reduction
2/18/2014	0.0186	0	100%	Reduction
4/1/2014	0.00703	0	100%	Reduction
3/23/2015	0.0387	0.0119	69%	Reduction
5/6/2015	0.025	0.014	44%	Reduction
5/12/2015	0.0505	0.0165	67%	Reduction
5/12/2015	0.02	0.0117	42%	Reduction
1/12/2016	0.0043	0	100%	Reduction
1/13/2016	0.0121	0.0042	65%	Reduction
6/10/2016	3.51	0.128	96%	Reduction

**AVERAGE 77.67%** Reduction

### Zinc (Zn) mg/L

Test Date	Influent	Effluent	Percent Removed	
2/17/2014	1.93	0.106	95%	Reduction
3/10/2014	0.615	0.349	43%	Reduction
2/18/2014	0.27	0.156	42%	Reduction
3/23/2015	0.95	0.263	72%	Reduction
5/6/2015	0.46	0.079	83%	Reduction
12/8/2015	0.15	0.0078	95%	Reduction
1/12/2016	0.347	0.0001	100%	Reduction
1/28/2016	0.171	0.057	67%	Reduction
1/28/2016	0.309	0.005	98%	Reduction
1/28/2016	0.183	0.145	21%	Reduction
1/28/2016	0.183	0.011	94%	Reduction
6/10/2016	1.88	0.02	94%	Reduction
10/4/2016	4.32	1.73	60%	Reduction
10/4/2016	0.533	0.0001	99%	Reduction
11/9/2016	0.101	0.01582	85%	Reduction
11/9/2016	0.0705	0.00283	60%	Reduction
1/31/2017	2.2	0.0065	99%	Reduction
2/24/2017	0.346	0.0001	99%	Reduction

**AVERAGE 78.11%** Reduction

### Cadmium (Cd) mg/L

Test Date	Influent	Effluent	Percent Removed	
2/17/2014	0.00233	0	100%	Reduction

**AVERAGE 100.00%** Reduction

### Chromium (Cr) mg/L

Test Date	Influent	Effluent	Percent Removed	
2/17/2014	0.00532	0	100%	Reduction
2/18/2014	0.00683	0	100%	Reduction
3/23/2015	0.0628	0.013	79%	Reduction

**AVERAGE 93.10%** Reduction

### Phosphorus (P) mg/L

Test Date	Influent	Effluent	Percent Removed	
3/23/2015	1.13	0.282	75%	Reduction
10/21/2015	1.76	1.23	30%	Reduction

**AVERAGE 52.58%** Reduction

### Chemical Oxygen Demand (COD)

Test Date	Influent	Effluent	Percent Removed	
10/21/2015	790	526	33%	Reduction

**AVERAGE 33.42%** Reduction

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**2017**



## StormGuard Bags Results Only

### Zinc (Zn) mg/L

Test Date	Influent	Effluent	Percent Removed	
1/19/2017	0.35	0.35	46%	Reduction
2/24/2017	0.0978	0.0662	32%	Reduction

**AVERAGE 39.26%** Reduction

### Copper (Cu) mg/L

Test Date	Influent	Effluent	Percent Removed	
1/19/2017	250	100	60%	Reduction
2/24/2017	0.0062	0.0001	98%	Reduction

**AVERAGE 79.19%** Reduction



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TSS	Influent	Effluent	Percent Removed	
2/24/2017	160	32	<b>80%</b>	Reduction