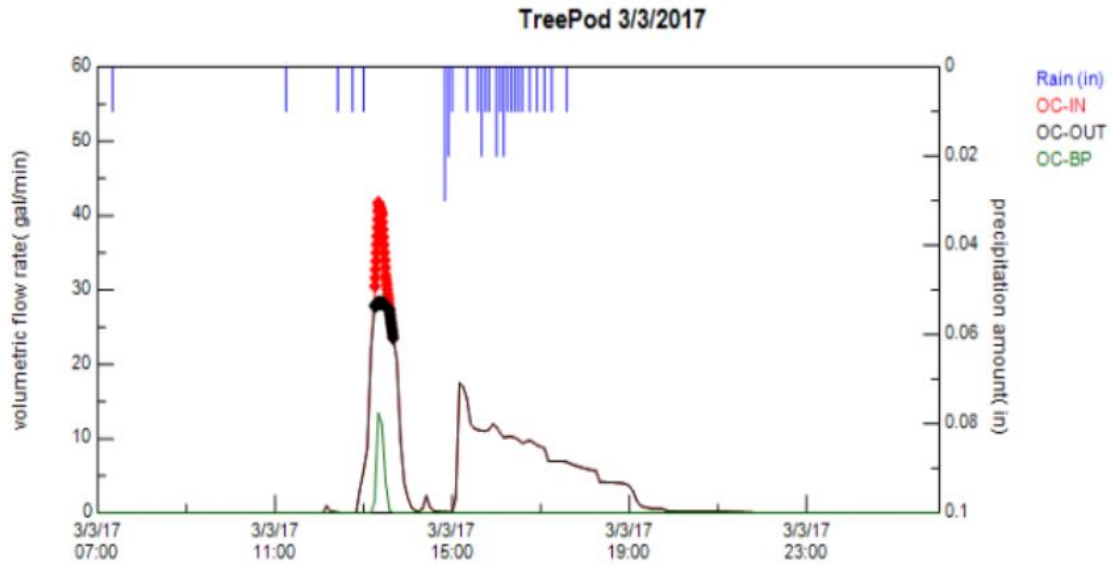

APPENDIX G

BIOPOD INDIVIDUAL STORM REPORTS (ISRs)

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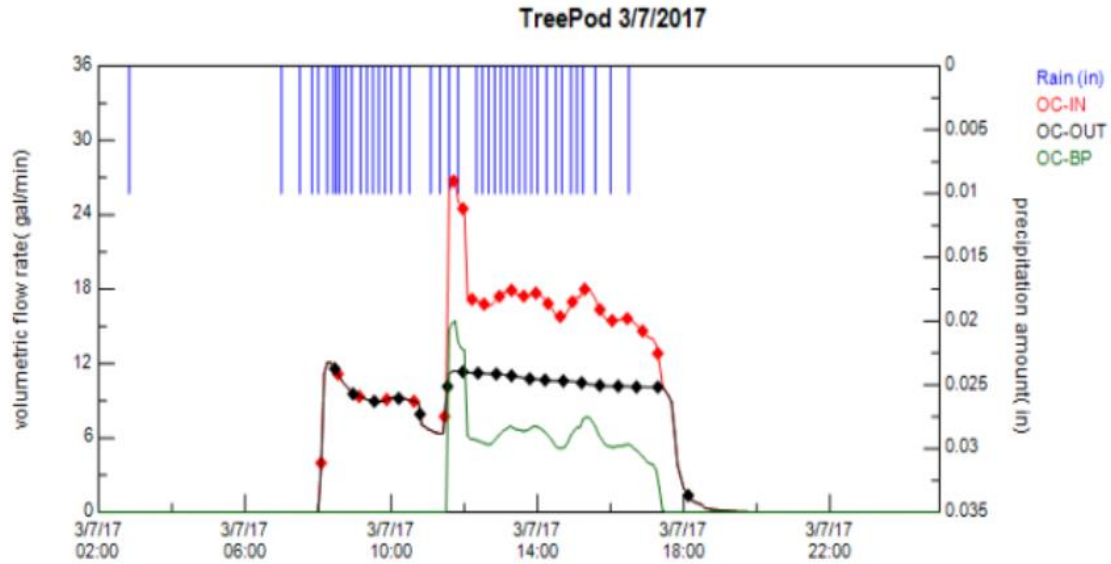


	Units	Value
Start		3/3/2017 07:20
Stop		3/3/2017 17:35
Duration	hour	10.25
Total	in	0.32
Average Intensity	in/hr	0.0312
Maximum	in	0.03
Maximum Intensity	in/hr	0.36
Antecedent Dry Period	hour	12.1

	Units	OC-IN	OC-OUT	OC-BP
Start		3/3/2017 07:15	3/3/2017 07:15	3/3/2017 13:15
Stop		3/4/2017 01:35	3/4/2017 01:35	3/3/2017 13:45
Duration	hour	18.4167	18.4167	0.5833
Average	gal/min	3.1303	2.9879	4.494
Maximum	gal/min	41.7695	28.316	13.4535
Volume	gal	3458.941	3301.652	157.2901
Sample Count	count	40	63	0
First Sample Time		3/3/2017 13:15	3/3/2017 13:15	
Last Sample Time		3/3/2017 13:40	3/3/2017 13:40	
Sample Duration	hour	0.4091	0.4111	0
Sampled Volume	gal	806.608	666.828	0
Sample Coverage %	%	23.3195	20.1968	0
Average Sampled Flow	gal/min	34.9469	27.6399	0
Pacing Volume	no units	20	10	0

Parameter	Fraction	Units	OC-IN	OC-OUT
Hardness		mg/L	3/3/2017 00:00 OC-IN 87	3/3/2017 00:00 OC-OUT 87
Ortho-phosphorus		mg/L	Flow-Weighted Composite 0.025	Flow-Weighted Composite 0.018
Nitrate + Nitrite		mg/L	0.759	0.101
Phosphorus	Total	mg/L	0.108	0.04
Copper	Total	ug/L	41.9	10.9
Zinc	Total	ug/L	155	21.5
Calcium	Total	mg/L	24.8	51.8
Magnesium	Total	mg/L	6.06	1.91
Copper	Dissolved	ug/L	15.5	6.09
Zinc	Dissolved	ug/L	42	4
Dissolved Organic Carbon (DOC)		mg/L	8.95	6.32
Total Suspended Solids		mg/L	89	20
PSD < 500 um (%passing)		%	96.60	100.00
PSD < 125 um (%passing)		%	91.40	97.70
PSD < 63 um (%passing)		%	82.90	96.30
PSD < 4 um (%passing)		%	70.60	90.70
D50		uM	3	2

Event: March 3, 2017.



	Units	Value
Start		3/7/2017 02:50
Stop		3/7/2017 16:30
Duration	hour	13.6667
Total	in	0.43
Average Intensity	in/hr	0.0315
Maximum	in	0.01
Maximum Intensity	in/hr	0.12
Antecedent Dry Period	hour	48.4

	Units	OC-IN	OC-OUT	OC-BP
Start		3/7/2017 06:35	3/7/2017 05:35	3/7/2017 11:35
Stop		3/8/2017 00:30	3/8/2017 00:30	3/7/2017 17:50
Duration	hour	16.75	16.75	6.3333
Average	gal/min	8.1927	5.8987	6.0672
Maximum	gal/min	26.8289	12.1083	15.4304
Volume	gal	8233.692	5928.169	2305.525
Sample Count	count	23	19	0
First Sample Time		3/7/2017 08:05	3/7/2017 08:27	
Last Sample Time		3/7/2017 17:17	3/7/2017 18:07	
Sample Duration	hour	9.2083	9.6667	0
Sampled Volume	gal	7871.124	5610.376	0
Sample Coverage %	%	95.5965	94.6393	0
Average Sampled Flow	gal/min	15.156	9.8266	0
Pacing Volume	no units	352	310	0

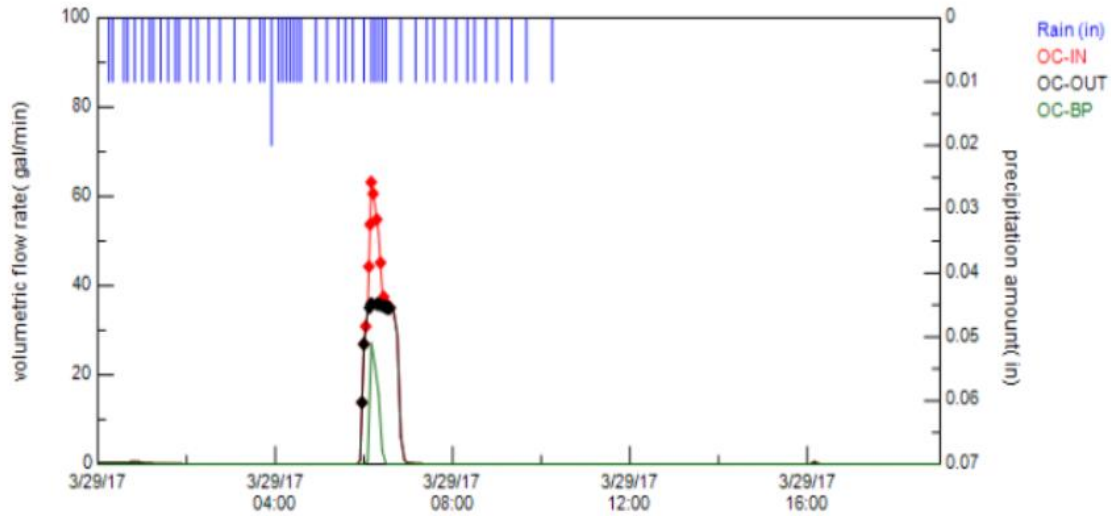
Parameter	Fraction	Units	OC-OUT 3/7/2017 00:00 OC-OUT 0.023 J	OC-IN 3/7/2017 00:00 OC-IN 44.8 Flow-Weighted Composite 0.014 J
Hardness		mg/L	0.023 J	0.014 J
Ortho-phosphorus		mg/L	0.023 J	0.014 J
Phosphorus	Total	mg/L	0.05	0.078
Nitrate + Nitrite		mg/L	0.3 J	0.337 J
Copper	Total	ug/L	24.8	35.4
Zinc	Total	ug/L	46.7	125
Copper	Dissolved	ug/L	6.65 J	12.8 J
Zinc	Dissolved	ug/L	6.65 J	37.5 J
Calcium	Total	mg/L	17.2	12.7
Magnesium	Total	mg/L	1.57	3.17
Total Suspended Solids		mg/L	6	35
PSD < 500 um (%passing)		%	100.00	89.90
PSD < 125 um (%passing)		%	100.00	78.40
PSD < 63 um (%passing)		%	100.00	74.10
PSD < 4 um (%passing)		%	40.40	50.40
D50		uM	6	4

Event: March 7, 2017.



August 2017

TreePod 3/29/2017

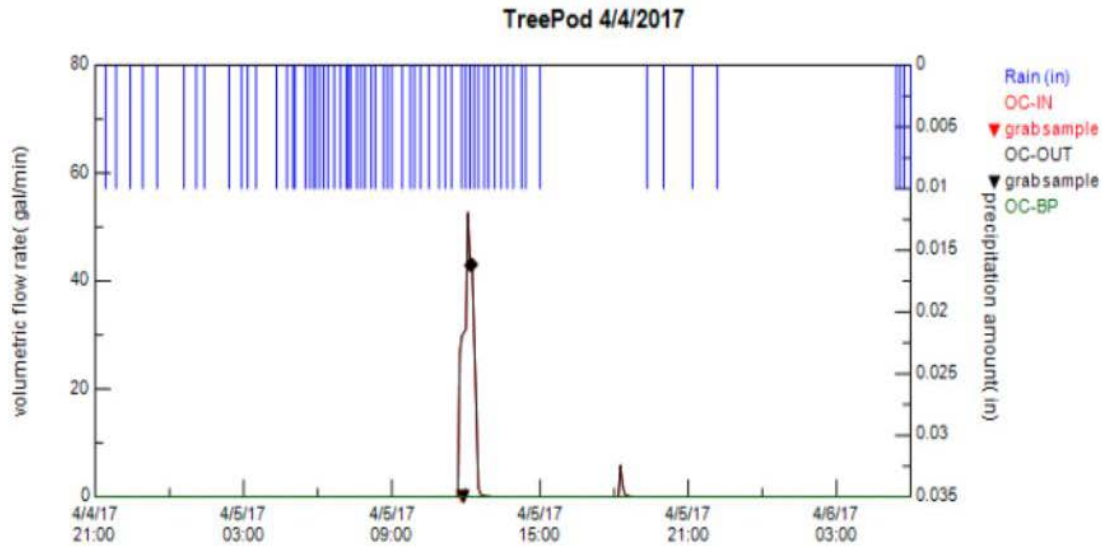


	Units	Value
Start		3/29/2017 00:15
Stop		3/29/2017 10:15
Duration	hour	10
Total	in	0.53
Average Intensity	in/hr	0.053
Maximum	in	0.02
Maximum Intensity	in/hr	0.24
Antecedent Dry Period	hour	51.2

	Units	OC-IN	OC-OUT	OC-BP
Start		3/29/2017 00:10	3/29/2017 00:10	3/29/2017 06:05
Stop		3/29/2017 18:15	3/29/2017 18:15	3/29/2017 06:40
Duration	hour	18.1667	18.1667	0.6667
Average	gal/min	1.9595	1.6428	8.6302
Maximum	gal/min	63.2419	36.0531	27.1888
Volume	gal	2135.888	1790.68	345.2075
Sample Count	count	20	15	0
First Sample Time		3/29/2017 05:57	3/29/2017 05:57	
Last Sample Time		3/29/2017 06:35	3/29/2017 06:35	
Sample Duration	hour	0.625	0.625	0
Sampled Volume	gal	1652.085	1306.903	0
Sample Coverage %	%	77.3489	72.9836	0
Average Sampled Flow	gal/min	39.2252	33.4086	0
Pacing Volume	no units	67	63	0

Parameter	Fraction	Units	OC-IN 3/29/2017 00:00 OC-IN 32.8 Flow-Weighted Composite	OC-OUT 3/29/2017 00:00 OC-OUT 46 Flow-Weighted Composite
Hardness		mg/L	0.005	0.005
Ortho-phosphorus		mg/L	0.086	0.038
Phosphorus	Total	mg/L	0.15	0.164
Nitrate + Nitrite		mg/L	31	7.94
Copper	Total	ug/L	105	18
Zinc	Total	ug/L	9.2	3.56
Copper	Dissolved	ug/L	26.1	5.53
Zinc	Dissolved	ug/L	9.88	7.19
Calcium	Total	mg/L	1.98	1.96
Magnesium	Total	mg/L	3.03	2.19
Dissolved Organic Carbon (DOC)		mg/L	36	6 J
Total Suspended Solids		mg/L	89.30	100.00
PSD < 500 um (%passing)		%	76.30	80.80
PSD < 125 um (%passing)		%	68.00	42.30
PSD < 63 um (%passing)		%	29.60	21.20
PSD < 4 um (%passing)		%	17	72
D50		um		

Event: March 29, 2017.



	Units	Value
Start		4/4/2017 21:25
Stop		4/5/2017 22:10
Duration	hour	24.75
Total	in	0.62
Average Intensity	in/hr	0.0251
Maximum	in	0.01
Maximum Intensity	in/hr	0.12
Antecedent Dry Period	hour	66.7

	Units	OC-IN	OC-OUT	OC-BP
Start		4/5/2017 11:40	4/5/2017 11:40	
Stop		4/6/2017 05:25	4/6/2017 05:25	
Duration	hour	17.8333	17.8333	0
Average	gal/min	1.4795	1.4795	0
Maximum	gal/min	52.689	52.689	0
Volume	gal	1583.09	1583.09	0
Sample Count	count	3	3	0
First Sample Time		4/5/2017 12:10	4/5/2017 12:10	
Last Sample Time		4/5/2017 12:15	4/5/2017 12:15	
Sample Duration	hour	0.0833	0.0833	0
Sampled Volume	no units	215.498	215.498	0
Sample Coverage %	%	13.6125	13.6125	0
Average Sampled Flow	no units	43.0227	43.0227	0
Pacing Volume	no units	108	108	0

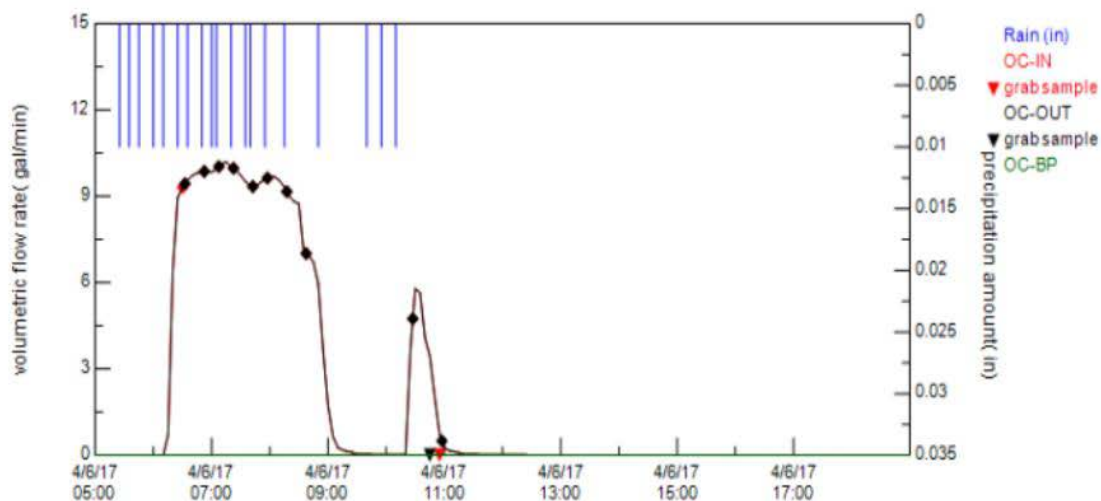
Parameter	Fraction	Units	OC-IN 4/4/2017 00:00 OC-IN 40.1 0.0180	OC-OUT 4/4/2017 00:00 OC-OUT 39.3 0.0120
Hardness		mg/L		
Ortho-phosphorus		mg/L		
Phosphorus	Total	mg/L	0.104	0.06
Nitrate + Nitrite		mg/L	0.3	0.33
Copper	Dissolved	ug/L	15.1	11.4
Zinc	Dissolved	ug/L	37.6	14.2
Copper	Total	ug/L	49.6	27
Zinc	Total	ug/L	124	36.9
Calcium	Total	mg/L	11.8	10.8
Magnesium	Total	mg/L	2.58	2.73
Fecal Coliform		CFU/100mL	560	625
Dissolved Organic Carbon (DOC)		mg/L	5.42	4.71
Total Suspended Solids		mg/L	40	7
Total PAH		ug/L	0.24	0.2 U
PSD < 500 um (%passing)		%	96.10	100.00
PSD < 125 um (%passing)		%	92.10	94.00
PSD < 63 um (%passing)		%	86.80	82.10
PSD < 4 um (%passing)		%	40.30	27.40
D50		uM	7	12
TPH - Diesel		mg/L	0.481	0.598
TPH - Motor Oil		mg/L	1.16	1.03

Event: April 4, 2017.



August 2017

TreePod 4/6/2017



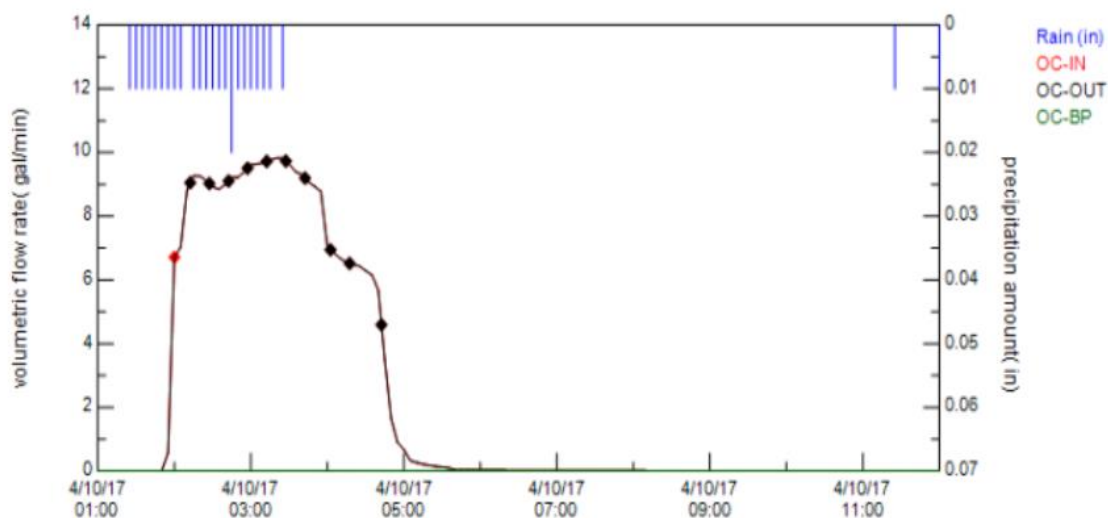
	Units	Value
Start		4/6/2017 05:25
Stop		4/6/2017 10:10
Duration	hour	4.75
Total	in	0.19
Average Intensity	in/hr	0.04
Maximum	in	0.01
Maximum Intensity	in/hr	0.12
Antecedent Dry Period	hour	10.1

	Units	OC-IN	OC-OUT	OC-BP
Start		4/6/2017 05:25	4/6/2017 05:25	
Stop		4/6/2017 18:10	4/6/2017 18:10	
Duration	hour	10.8333	10.8333	0
Average	gal/min	2.4362	2.4362	0
Maximum	gal/min	10.2071	10.2071	0
Volume	gal	1583.506	1583.506	0
Sample Count	count	10	10	0
First Sample Time		4/6/2017 06:30	4/6/2017 06:32	
Last Sample Time		4/6/2017 10:27	4/6/2017 10:57	
Sample Duration	hour	3.9583	4.4167	0
Sampled Volume	no units	1355.455	1426.508	0
Sample Coverage %	%	85.5983	90.0854	0
Average Sampled Flow	no units	8.8554	7.974	0
Pacing Volume	no units	163	163	0

Parameter	Fraction	Units	OC-IN 4/6/2017 06:30 OC-IN-53.6 Flow-weighted Composite	OC-OUT 4/6/2017 06:32 OC-OUT-49.3 Flow-weighted Composite
Hardness		mg/L	53.6	49.3
Ortho-phosphorus		mg/L	0.008	0.007
Phosphorus	Total	mg/L	0.076	0.028
Nitrate + Nitrite		mg/L	0.335	0.356
Copper	Dissolved	ug/L	13.6	7.61
Zinc	Dissolved	ug/L	32.4	8.54
Copper	Total	ug/L	28.7	14
Zinc	Total	ug/L	80.4	25
Calcium	Total	mg/L	15.3	13
Magnesium	Total	mg/L	3.76	3.14
Fecal Coliform		CFU/100mL	1350	1030
Dissolved Organic Carbon (DOC)		mg/L	5.73	4.22
Total Suspended Solids		mg/L	23	4
Total PAH		ug/L	0.2 U	0.2 U
PSD < 500 um (%passing)		%	95.70	100.00
PSD < 125 um (%passing)		%	89.40	100.00
PSD < 63 um (%passing)		%	78.70	100.00
PSD < 4 um (%passing)		%	29.40	66.70
D50		uM	13	3
TPH - Diesel		mg/L	1.01	0.446
TPH - Motor Oil		mg/L	3.57	0.734

Event: April 6, 2017.

TreePod 4/10/2017



	Units	Value
Start		4/10/2017 01:25
Stop		4/10/2017 03:25
Duration	hour	2
Total	in	0.24
Average Intensity	in/hr	0.12
Maximum	in	0.02
Maximum Intensity	in/hr	0.24
Antecedent Dry Period	hour	50.8

	Units	OC-IN	OC-OUT	OC-BP
Start		4/10/2017 01:25	4/10/2017 01:25	
Stop		4/10/2017 11:25	4/10/2017 11:25	
Duration	hour	10.0833	10.0833	0
Average	gal/min	2.3659	2.3659	0
Maximum	gal/min	9.8267	9.8267	0
Volume	gal	1431.351	1431.351	0
Sample Count	count	11	10	0
First Sample Time		4/10/2017 02:00	4/10/2017 02:12	
Last Sample Time		4/10/2017 04:42	4/10/2017 04:42	
Sample Duration	hour	2.7083	2.5	0
Sampled Volume	no units	1357.593	1255.168	0
Sample Coverage %	%	94.8469	87.6911	0
Average Sampled Flow	no units	8.1912	8.339	0
Pacing Volume	no units	140	145	0

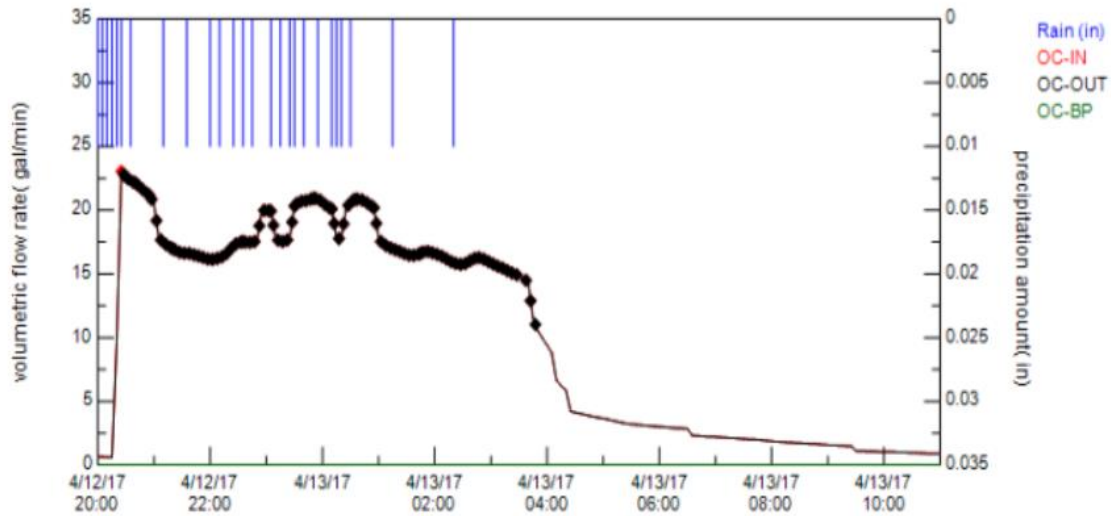
Parameter	Fraction	Units	OC-IN 4/10/2017 00:00 OC-IN 31.3 Flow-Weighted Composite	OC-OUT 4/10/2017 00:00 OC-OUT 9.3 Flow-Weighted Composite
Hardness		mg/L	0.009	0.009
Ortho-phosphorus		mg/L	0.068	0.018
Phosphorus	Total	mg/L	0.292	0.283
Nitrate + Nitrite		mg/L	9.02 J	3.95
Copper	Dissolved	ug/L	27.4	4.61
Zinc	Dissolved	ug/L	14 J	5.09
Copper	Total	ug/L	42.4	5.41
Zinc	Total	ug/L	9.31	8.68
Calcium	Total	mg/L	1.95	2.1
Magnesium	Total	mg/L	5.21	3.77
Dissolved Organic Carbon (DOC)		mg/L	17	4
Total Suspended Solids		mg/L	88.90	83.30
PSD < 500 um (%passing)		%	75.00	66.70
PSD < 125 um (%passing)		%	58.30	33.30
PSD < 63 um (%passing)		%	5.60	33.30
PSD < 4 um (%passing)		%	41	89
D50		uM		

Event: April 10, 2017.



August 2017

TreePod 4/12/2017



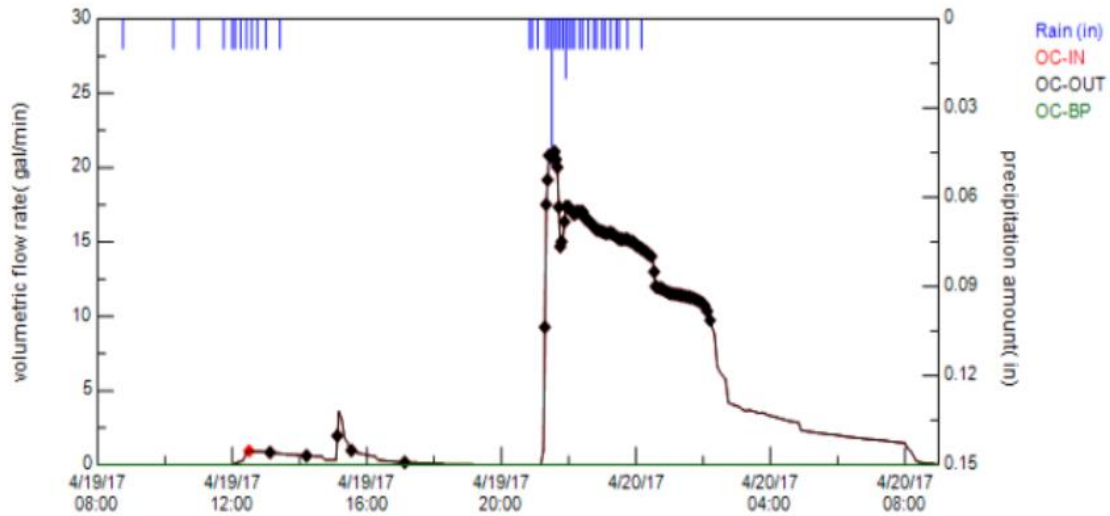
	Units	Value
Start		4/12/2017 20:00
Stop		4/13/2017 02:20
Duration	hour	6.3333
Total	in	0.26
Average Intensity	in/hr	0.0411
Maximum	in	0.01
Maximum Intensity	in/hr	0.12
Antecedent Dry Period	hour	9

	Units	OC-IN	OC-OUT	OC-BP
Start		4/12/2017 20:00	4/12/2017 20:00	
Stop		4/13/2017 10:15	4/13/2017 10:15	
Duration	hour	14.3333	14.3333	0
Average	gal/min	10.5814	10.5814	0
Maximum	gal/min	23.0555	23.0555	0
Volume	gal	9100.031	9100.031	0
Sample Count	count	100	100	0
First Sample Time		4/12/2017 20:25	4/12/2017 20:27	
Last Sample Time		4/13/2017 03:42	4/13/2017 03:47	
Sample Duration	hour	7.2917	7.3333	0
Sampled Volume	no units	7785.209	7783.796	0
Sample Coverage %	%	85.5515	85.5359	0
Average Sampled Flow	no units	18.1624	18.042	0
Pacing Volume	no units	82	82	0

Parameter	Fraction	Units	OC-OUT 4/12/2017 00:00 OC-OUT 45 Flow-Weighted Composite	OC-IN 4/12/2017 00:00 OC-IN 45 Flow-Weighted Composite
Hardness		mg/L	0.007 J	0.007 J
Ortho-phosphorus		mg/L	0.028	0.064
Phosphorus	Total	mg/L	0.028	0.064
Copper	Dissolved	ug/L	9.03 J	14.1 J
Zinc	Dissolved	ug/L	7.83 J	30.5 J
Copper	Total	ug/L	12.7	27.8
Zinc	Total	ug/L	14.8	73.5
Calcium	Total	mg/L	12.4	13.2
Magnesium	Total	mg/L	2.92	2.95
Total Suspended Solids		mg/L	9	27
PSD < 500 um (%passing)		%	100.00	98.30
PSD < 125 um (%passing)		%	100.00	89.80
PSD < 63 um (%passing)		%	93.00	77.80
PSD < 4 um (%passing)		%	15.50	40.60
D50		uM	14	8

Event: April 12, 2017.

TreePod 4/19/2017



	Units	Value
Start		4/19/2017 08:45
Stop		4/20/2017 00:10
Duration	hour	15.4167
Total	in	0.43
Average Intensity	in/hr	0.0279
Maximum	in	0.05
Maximum Intensity	in/hr	0.6
Antecedent Dry Period	hour	13.75

	Units	OC-IN	OC-OUT	OC-BP
Start		4/19/2017 08:40	4/19/2017 08:40	
Stop		4/20/2017 08:40	4/20/2017 08:40	
Duration	hour	24.0833	24.0833	0
Average	gal/min	3.8568	3.8568	0
Maximum	gal/min	21.0781	21.0781	0
Volume	gal	5573.14	5573.14	0
Sample Count	count	100	100	0
First Sample Time		4/19/2017 12:30	4/19/2017 13:07	
Last Sample Time		4/20/2017 02:07	4/20/2017 02:12	
Sample Duration	hour	13.625	13.0833	0
Sampled Volume	no units	4494.221	4509.213	0
Sample Coverage %	%	80.6407	80.9097	0
Average Sampled Flow	no units	14.1569	14.2447	0
Pacing Volume	no units	41	42	0

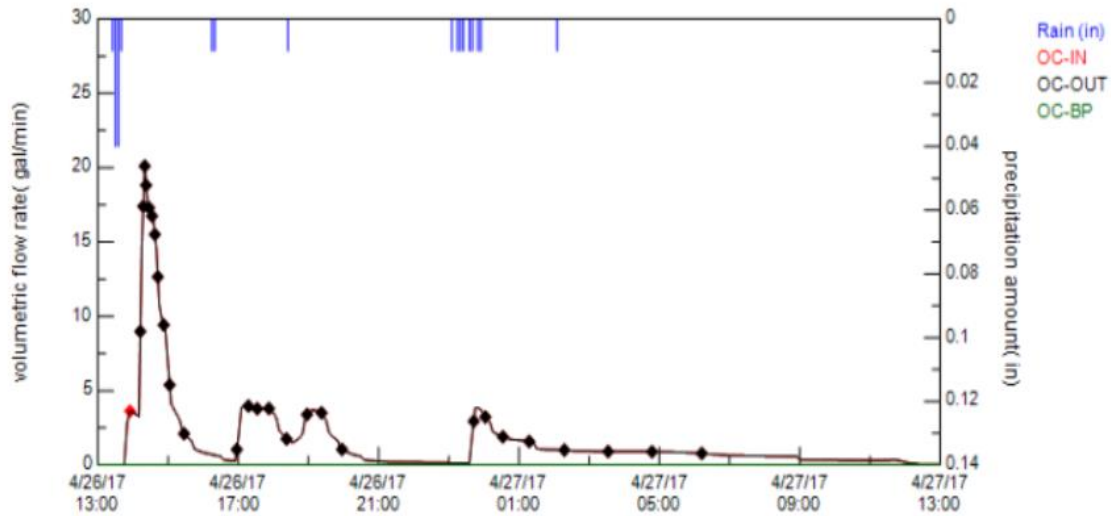
Parameter	Fraction	Units	OC-OUT 4/19/2017 00:00 OC-OUT 0.004	OC-IN 4/19/2017 00:00 OC-IN 43.4
Hardness		mg/L	0.004	43.4
Ortho-phosphorus		mg/L	0.004	0.007
Phosphorus	Total	mg/L	0.03	0.122
Copper	Total	ug/L	10.4	32.5
Zinc	Total	ug/L	12	96.4
Calcium	Total	mg/L	12.8	12.4
Magnesium	Total	mg/L	3.14	3.04
Copper	Dissolved	ug/L	6.99	11.5
Zinc	Dissolved	ug/L	5.45	27.1
Total Suspended Solids		mg/L	2	53
PSD < 500 um (%passing)		%	100.00	98.10
PSD < 125 um (%passing)		%	100.00	82.70
PSD < 63 um (%passing)		%	100.00	58.60
PSD < 4 um (%passing)		%	66.70	14.10
D50		uM	3	37

Event: April 19, 2017.



August 2017

TreePod 4/26/2017

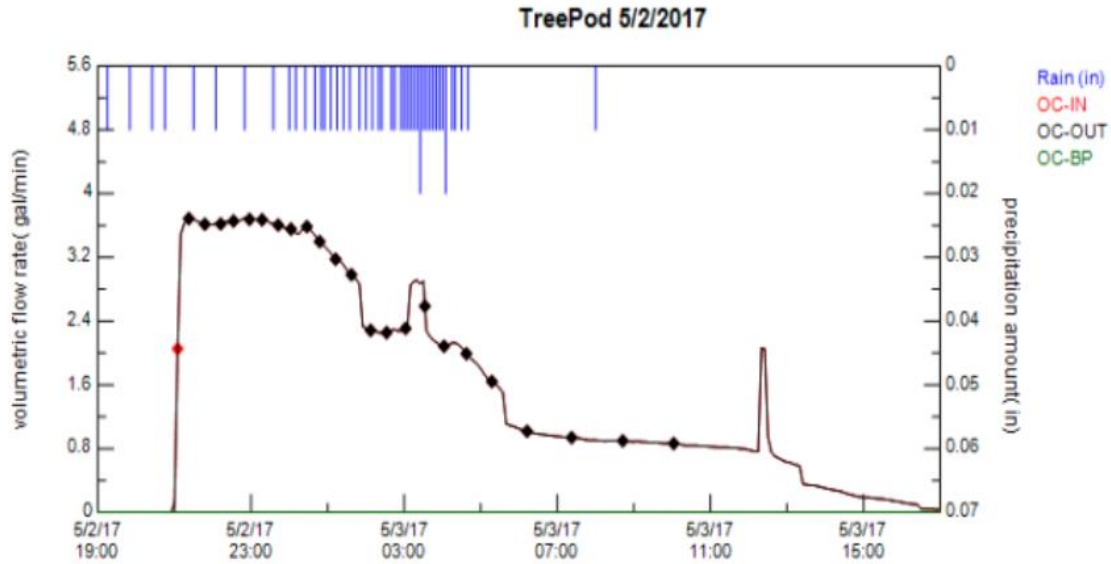


	Units	Value
Start		4/26/2017 13:25
Stop		4/27/2017 02:05
Duration	hour	12.6667
Total	in	0.22
Average Intensity	in/hr	0.0174
Maximum	in	0.04
Maximum Intensity	in/hr	0.48
Antecedent Dry Period	hour	69.0833

	Units	OC-IN	OC-OUT	OC-BP
Start		4/26/2017 13:45	4/26/2017 13:45	
Stop		4/27/2017 12:45	4/27/2017 12:45	
Duration	hour	23.0833	23.0833	0
Average	gal/min	1.5803	1.5803	0
Maximum	gal/min	20.1073	20.1073	0
Volume	gal	2188.714	2188.714	0
Sample Count	count	28	27	0
First Sample Time		4/26/2017 13:55	4/26/2017 14:12	
Last Sample Time		4/27/2017 06:12	4/27/2017 06:12	
Sample Duration	hour	16.2917	16	0
Sampled Volume	no units	1989.88	1901.996	0
Sample Coverage %	%	90.9155	86.9001	0
Average Sampled Flow	no units	6.5614	6.6698	0
Pacing Volume	no units	74	73	0

Parameter	Fraction	Units	OC-IN 4/26/2017 00:00 OC-IN 72.6 Flow-Weighted Composite	OC-OUT 4/26/2017 00:00 OC-OUT 99.9 Flow-Weighted Composite
Hardness		mg/L	0.011	0.005
Ortho-phosphorus		mg/L	0.184	0.028
Phosphorus	Total	mg/L	0.184	0.028
Copper	Dissolved	ug/L	13.2	6.88
Zinc	Dissolved	ug/L	33.8	6.32
Copper	Total	ug/L	35	9.47
Zinc	Total	ug/L	132	10.4
Calcium	Total	mg/L	19.4	18.1
Magnesium	Total	mg/L	5.86	5.27
Total Suspended Solids		mg/L	111	2
PSD < 500 um (%passing)		%	67.60	100.00
PSD < 125 um (%passing)		%	51.40	100.00
PSD < 63 um (%passing)		%	30.70	100.00
PSD < 4 um (%passing)		%	3.20	50.00
D50		uM	119	4

Event: April 26, 2017.



	Units	Value
Start		5/2/2017 19:15
Stop		5/3/2017 08:00
Duration	hour	12.75
Total	in	0.47
Average Intensity	in/hr	0.0369
Maximum	in	0.02
Maximum Intensity	in/hr	0.24
Antecedent Dry Period	hour	32.1

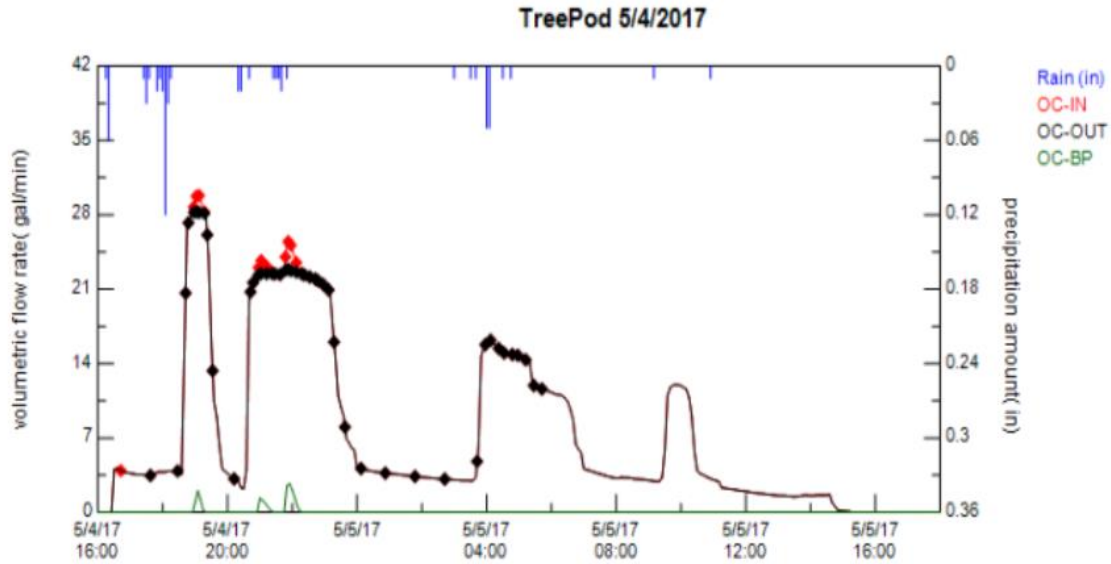
	Units	OC-IN	OC-OUT	OC-BP
Start		5/2/2017 19:15	5/2/2017 19:15	
Stop		5/3/2017 16:00	5/3/2017 16:00	
Duration	hour	20.8333	20.8333	0
Average	gal/min	1.5596	1.5596	0
Maximum	gal/min	3.6979	3.6979	0
Volume	gal	1949.558	1949.558	0
Sample Count	count	24	23	0
First Sample Time		5/2/2017 21:05	5/2/2017 21:22	
Last Sample Time		5/3/2017 10:02	5/3/2017 10:02	
Sample Duration	hour	12.9583	12.6667	0
Sampled Volume	no units	1734.482	1671.31	0
Sample Coverage %	%	88.968	85.7276	0
Average Sampled Flow	no units	2.6318	2.6569	0
Pacing Volume	no units	73	73	0

Parameter	Fraction	Units	OC-OUT 5/2/2017 00:00 OC-OUT 8 Flow-Weighted Composite	OC-IN 5/2/2017 00:00 OC-IN 65.3 Flow-Weighted Composite
Hardness		mg/L	0.09	0.148
Phosphorus	Total	mg/L	0.005	0.01
Ortho-phosphorus		mg/L	0.005	0.01
Nitrate + Nitrite		mg/L	0.675	0.56
Copper	Total	ug/L	11.6	39.5
Zinc	Total	ug/L	4 U	116
Calcium	Total	mg/L	18.6	18
Magnesium	Total	mg/L	5.16	4.93
Copper	Dissolved	ug/L	8.99	21.1
Zinc	Dissolved	ug/L	5.9	35.8
Total Suspended Solids		mg/L	2	41
PSD < 500 um (%passing)		%	100.00	85.50
PSD < 125 um (%passing)		%	100.00	68.50
PSD < 63 um (%passing)		%	100.00	54.00
PSD < 4 um (%passing)		%	100.00	16.90
D50		uM	2	47

Event: May 2, 2017.



August 2017



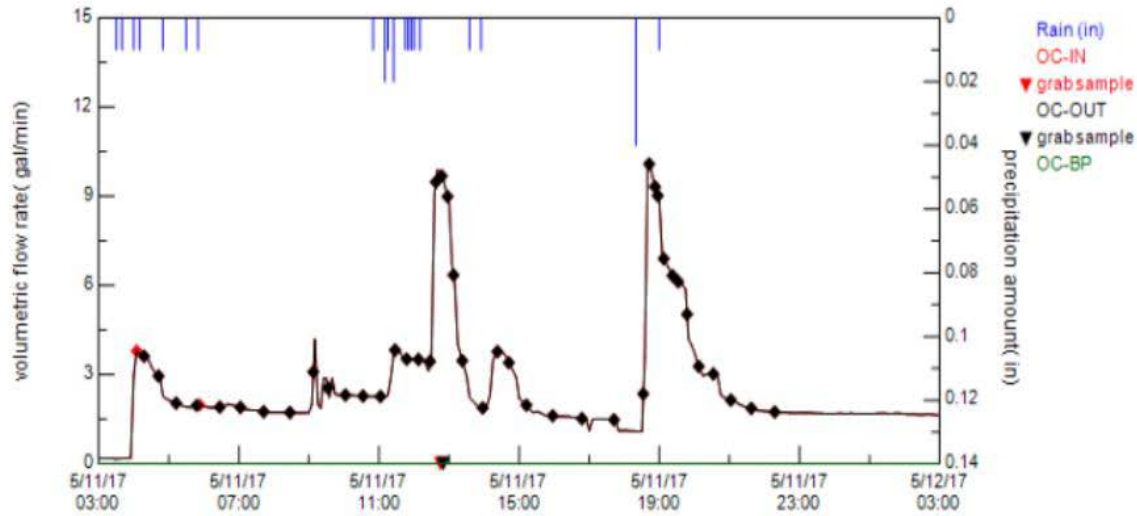
	Units	Value
Start		5/4/2017 16:15
Stop		5/5/2017 09:10
Duration	hour	16.9167
Total	in	0.6
Average Intensity	in/hr	0.0355
Maximum	in	0.12
Maximum Intensity	in/hr	1.44
Antecedent Dry Period	hour	35.9

	Units	OC-IN	OC-OUT	OC-BP
Start		5/4/2017 16:25	5/4/2017 16:25	5/4/2017 19:00
Stop		5/5/2017 17:10	5/5/2017 17:10	5/4/2017 22:25
Duration	hour	24.8333	24.8333	1.8333
Average	gal/min	7.3826	7.3231	0.8048
Maximum	gal/min	30.178	28.3759	2.7134
Volume	gal	11000.02	10911.49	88.5332
Sample Count	count	47	46	0
First Sample Time		5/4/2017 16:42	5/4/2017 17:37	
Last Sample Time		5/5/2017 05:42	5/5/2017 05:42	
Sample Duration	hour	13	12.0833	0
Sampled Volume	gal	8562.377	8275.208	0
Sample Coverage %	%	77.8397	75.8394	0
Average Sampled Flow	gal/min	17.5039	17.5024	0
Pacing Volume	no units	193	194	0

Parameter	Fraction	Units	OC-OUT 5/4/2017 00:00 OC-OUT 0.007	OC-IN 5/4/2017 00:00 OC-IN 0.01
Hardness		mg/L	0.007	0.01
Ortho-phosphorus		mg/L	0.007	0.01
Nitrate + Nitrite		mg/L	0.477	0.426
Phosphorus	Total	mg/L	0.052	0.184
Copper	Total	ug/L	14.9	35.9
Zinc	Total	ug/L	18.5	106
Calcium	Total	mg/L	14.1	17.4
Magnesium	Total	mg/L	3.56	4.82
Copper	Dissolved	ug/L	10.6	16.3
Zinc	Dissolved	ug/L	9.94	29.8
Total Suspended Solids		mg/L	4	130
PSD < 500 um (%passing)		%	100.00	81.90
PSD < 125 um (%passing)		%	86.50	55.50
PSD < 63 um (%passing)		%	59.50	40.80
PSD < 4 um (%passing)		%	29.70	16.90
D50		uM	26	97

Event: May 4, 2017.

TreePod 5/11/2017



	Units	Value
Start		5/11/2017 03:30
Stop		5/11/2017 19:00
Duration	hour	15.5
Total	in	0.25
Average Intensity	in/hr	0.0161
Maximum	in	0.04
Maximum Intensity	in/hr	0.48
Antecedent Dry Period	hour	121.5

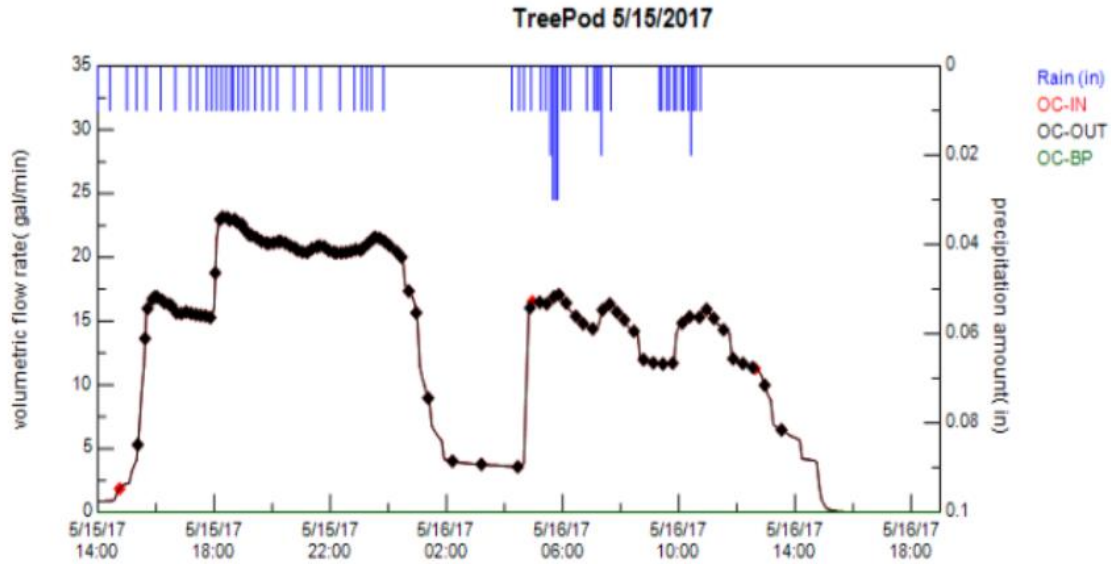
	Units	OC-IN	OC-OUT	OC-BP
Start		5/11/2017 03:30	5/11/2017 03:30	
Stop		5/12/2017 02:55	5/12/2017 02:55	
Duration	hour	23.5	23.5	0
Average	gal/min	2.5579	2.5579	0
Maximum	gal/min	10.1708	10.1708	0
Volume	gal	3606.658	3606.658	0
Sample Count	count	43	42	0
First Sample Time		5/11/2017 04:05	5/11/2017 04:17	
Last Sample Time		5/11/2017 22:17	5/11/2017 22:17	
Sample Duration	hour	18.2083	18	0
Sampled Volume	no units	3096.199	3050.445	0
Sample Coverage %	%	85.8468	84.5782	0
Average Sampled Flow	no units	3.9423	3.9452	0
Pacing Volume	no units	73	73	0

Parameter	Fraction	Units	OC-IN 5/11/2017 00:00 OC-IN 97.3 Flow-Weighted Composite	OC-OUT 5/11/2017 00:00 OC-OUT 4 Flow-Weighted Composite
Hardness		mg/L	0.018	0.01
Ortho-phosphorus		mg/L	0.664	0.84
Nitrate + Nitrite		mg/L	0.354	0.05
Phosphorus	Total	mg/L	65	15
Copper	Total	ug/L	260	12.3
Zinc	Total	ug/L	26.2	20.6
Calcium	Total	mg/L	7.72	6.32
Magnesium	Total	mg/L	14.4	12.8
Copper	Dissolved	ug/L	36.6	9.69
Zinc	Dissolved	ug/L	5250	6000
Fecal Coliform		CFU/100mL	136	3
Total Suspended Solids		mg/L	56.40	100.00
PSD < 500 um (%passing)		%	39.90	89.10
PSD < 125 um (%passing)		%	24.40	78.30
PSD < 63 um (%passing)		%	2.50	26.10
PSD < 4 um (%passing)		%	292	14
D50		uM	1.99	1.06
TPH - Diesel		mg/L	3.9	1.46
TPH - Motor Oil		mg/L		

Event: May 11, 2017.



August 2017



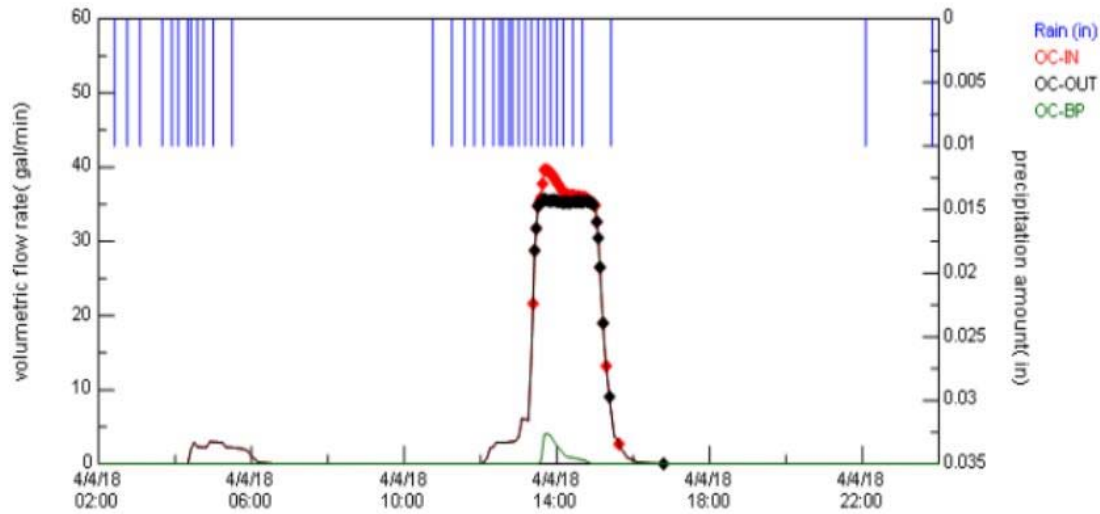
	Units	Value
Start		5/15/2017 14:00
Stop		5/16/2017 10:45
Duration	hour	20.75
Total	in	0.73
Average Intensity	in/hr	0.0352
Maximum	in	0.03
Maximum Intensity	in/hr	0.36
Antecedent Dry Period	hour	41.1

	Units	OC-IN	OC-OUT	OC-BP
Start		5/15/2017 14:00	5/15/2017 14:00	5/16/2017 15:20
Stop		5/16/2017 18:40	5/16/2017 18:40	5/16/2017 16:45
Duration	hour	28.75	28.75	0.25
Average	gal/min	11.6879	11.6879	0.0001
Maximum	gal/min	23.2604	23.2604	0.0002
Volume	gal	20161.63	20161.62	0.0014
Sample Count	count	99	98	0
First Sample Time		5/15/2017 14:45	5/15/2017 15:22	
Last Sample Time		5/16/2017 13:32	5/16/2017 13:32	
Sample Duration	hour	22.7917	22.1667	0
Sampled Volume	gal	19713.26	19597.77	0
Sample Coverage %	%	97.7762	97.2033	0
Average Sampled Flow	gal/min	17.1227	17.2745	0
Pacing Volume	no units	211	212	0

Parameter	Fraction	Units	OC-OUT 5/15/2017 00:00 OC-OUT 0.004 J	OC-IN 5/15/2017 00:00 OC-IN 48.5 Flow-Weighted Composite 0.008 J
Hardness		mg/L		
Ortho-phosphorus		mg/L		
Nitrate + Nitrite		mg/L	0.726 J	0.388 J
Phosphorus	Total	mg/L	0.016	0.082
Copper	Total	ug/L	10.8	35
Zinc	Total	ug/L	14.1	87.1
Calcium	Total	mg/L	23.3	13.9
Magnesium	Total	mg/L	6.99	3.35
Copper	Dissolved	ug/L	9.37 J	13.8 J
Zinc	Dissolved	ug/L	12.7 J	31 J
Total Suspended Solids		mg/L	4	34
PSD < 500 um (%passing)		%	100.00	73.80
PSD < 125 um (%passing)		%	86.50	56.40
PSD < 63 um (%passing)		%	73.00	49.10
PSD < 4 um (%passing)		%	29.70	15.10
D50		uM	15	68

Event: May 15, 2017.

TreePod 4/4/2018

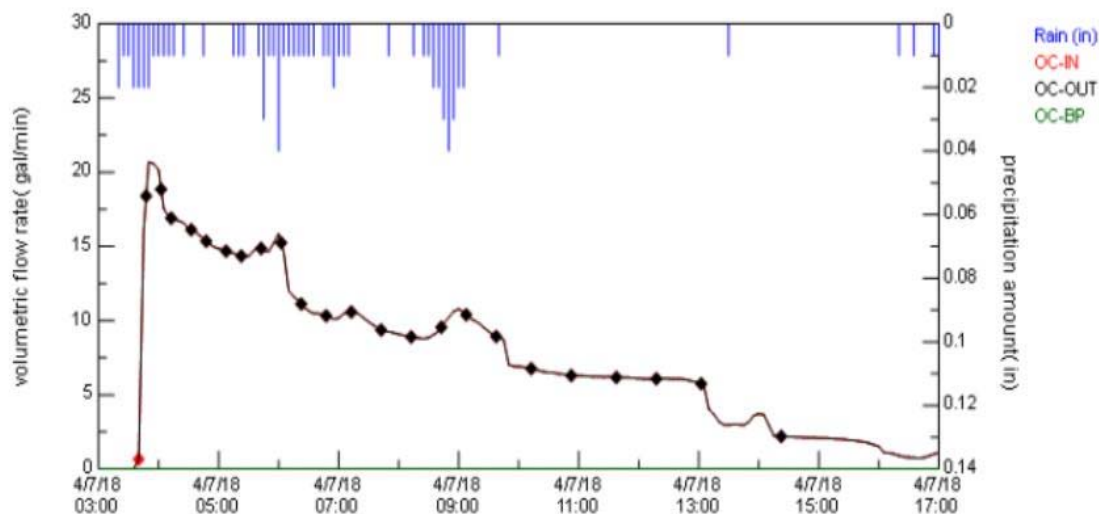


	Units	Value
Start		4/4/2018 02:25
Stop		4/4/2018 15:25
Duration	hour	13
Total	in	0.33
Average Intensity	in/hr	0.0254
Maximum	in	0.01
Maximum Intensity	in/hr	0.12
Antecedent Dry Period	hour	53.8

	Units	OC-IN	OC-OUT	OC-BP
Start		4/4/2018 02:25	4/4/2018 02:25	4/4/2018 13:35
Stop		4/4/2018 23:25	4/4/2018 23:25	4/4/2018 15:15
Duration	hour	21.0833	21.0833	1.75
Average	gal/min	3.7196	3.6138	1.2742
Maximum	gal/min	39.6523	35.6889	4.0666
Volume	gal	4705.263	4571.472	133.7901
Sample Count	count	42	40	0
First Sample Time		4/4/2018 13:22	4/4/2018 13:25	
Last Sample Time		4/4/2018 15:37	4/4/2018 16:47	
Sample Duration	hour	2.25	3.375	0
Sampled Volume	gal	4035.293	3860.286	0
Sample Coverage %	%	85.7613	84.443	0
Average Sampled Flow	gal/min	34.0105	32.7374	0
Pacing Volume	no units	91	89	0

Parameter	Fraction	Units	OC-IN 4/4/2018 00:00 OC-IN Flow-Weighted Composite	OC-OUT 4/4/2018 00:00 OC-OUT Flow-Weighted Composite
Hardness		mgCaCO3/L	68.2	39.5
Ortho-phosphorus		mg/L	0.009 J	0.009 J
Nitrate + Nitrite		mg/L	0.324	0.396
Phosphorus	Total	mg/L	1.56	0.06
Copper	Total	ug/L	283	24.4
Zinc	Total	ug/L	1950	42
Calcium	Total	mg/L	22.1	11.4
Magnesium	Total	mg/L	3.16	2.68
Copper	Dissolved	ug/L	11 J	6.8 J
Zinc	Dissolved	ug/L	28.4 J	10.6 J
Total Suspended Solids		mg/L	666	19
PSD < 500 um (%passing)		%	70.7	71.5
PSD < 125 um (%passing)		%	41.5	44.5
PSD < 63 um (%passing)		%	26.8	39.37
PSD < 4 um (%passing)		%	8.1	12.95
D50		uM	187	165

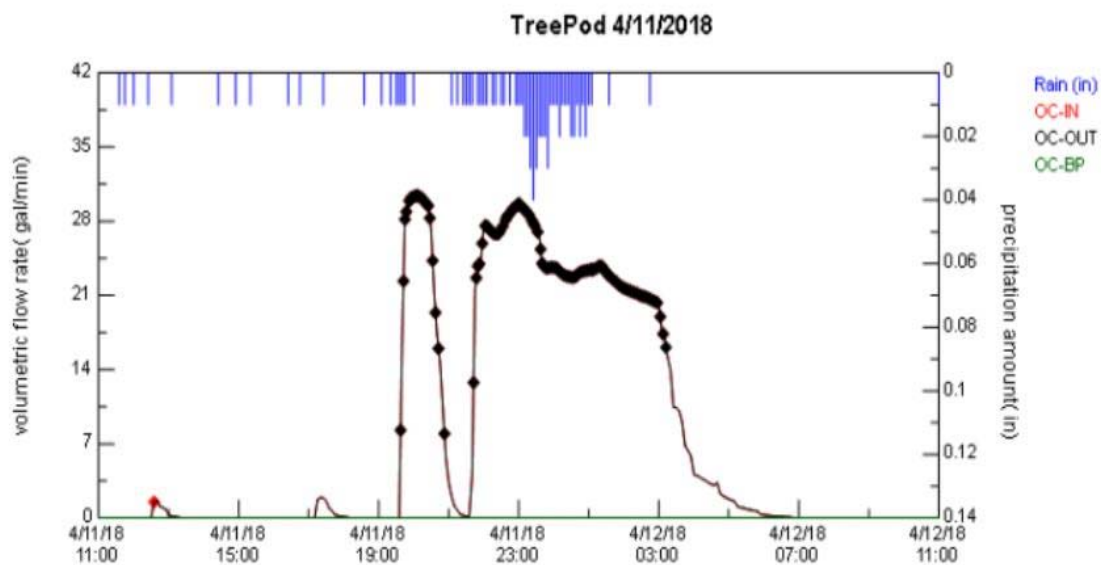
TreePod 4/7/2018



	Units	Value
Start		4/7/2018 03:20
Stop		4/7/2018 13:30
Duration	hour	10.1667
Total	in	0.7
Average Intensity	in/hr	0.0689
Maximum	in	0.04
Maximum Intensity	in/hr	0.48
Antecedent Dry Period	hour	32.8

	Units	OC-IN	OC-OUT	OC-BP
Start		4/7/2018 03:20	4/7/2018 03:20	
Stop		4/7/2018 16:15	4/7/2018 16:15	
Duration	hour	13	13	0
Average	gal/min	7.9574	7.9574	0
Maximum	gal/min	20.6997	20.6997	0
Volume	gal	6206.735	6206.735	0
Sample Count	count	24	23	0
First Sample Time		4/7/2018 03:40	4/7/2018 03:47	
Last Sample Time		4/7/2018 14:22	4/7/2018 14:22	
Sample Duration	hour	10.7083	10.5833	0
Sampled Volume	no units	5993.32	5861.062	0
Sample Coverage %	%	96.5615	94.4307	0
Average Sampled Flow	no units	10.749	11.1873	0
Pacing Volume	no units	270	267	0

Parameter	Fraction	Units	OC-IN 4/7/2018 00:00 OC-IN Flow-Weighted Composite	OC-OUT 4/7/2018 00:00 OC-OUT Flow-Weighted Composite
Hardness		mgCaCO3/L	72.4	55.3
Ortho-phosphorus		mg/L	0.009 J	0.004 J
Nitrate + Nitrite		mg/L	0.521 J	0.44 J
Phosphorus	Total	mg/L	0.13	0.022
Copper	Total	ug/L	65.8	11.4
Zinc	Total	ug/L	142	12
Calcium	Total	mg/L	19.6	15.7
Magnesium	Total	mg/L	5.66	3.88
Copper	Dissolved	ug/L	12 J	8.32 J
Zinc	Dissolved	ug/L	33 J	9.28 J
Total Suspended Solids		mg/L	85.5	0.5
PSD < 500 um (%passing)		%	59.07	71.50
PSD < 125 um (%passing)		%	46.27	44.56
PSD < 63 um (%passing)		%	37.32	39.38
PSD < 4 um (%passing)		%	11.27	12.95
D50		uM	187	165

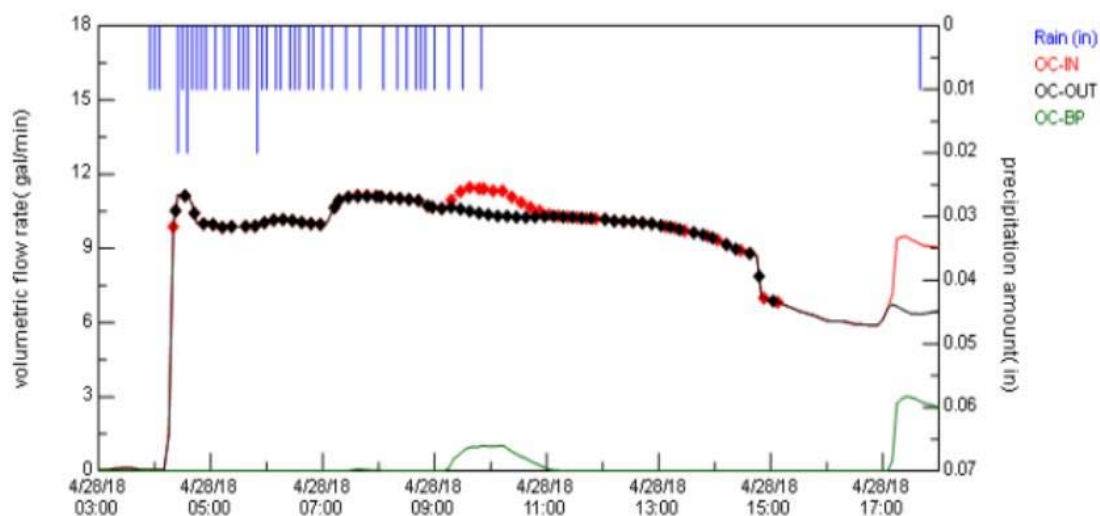


	Units	Value
Start		4/11/2018 11:35
Stop		4/12/2018 02:45
Duration	hour	15.1667
Total	in	0.82
Average Intensity	in/hr	0.0541
Maximum	in	0.04
Maximum Intensity	in/hr	0.48
Antecedent Dry Period	hour	26.3

	Units	OC-IN	OC-OUT	OC-BP
Start		4/11/2018 12:30	4/11/2018 12:30	
Stop		4/12/2018 10:45	4/12/2018 10:45	
Duration	hour	22.3333	22.3333	0
Average	gal/min	7.9856	7.9856	0
Maximum	gal/min	30.419	30.419	0
Volume	gal	10700.64	10700.64	0
Sample Count	count	100	100	0
First Sample Time		4/11/2018 12:35	4/11/2018 19:37	
Last Sample Time		4/12/2018 03:07	4/12/2018 03:12	
Sample Duration	hour	14.5417	7.5833	0
Sampled Volume	no units	9941.072	9898.727	0
Sample Coverage %	%	92.9016	92.5059	0
Average Sampled Flow	no units	24.3587	24.5045	0
Pacing Volume	no units	107	107	0

Parameter	Fraction	Units	OC-OUT 4/11/2018 00:00 OC-OUT Flow-Weighted Composite	OC-IN 4/11/2018 00:00 OC-IN Flow-Weighted Composite
Hardness		mgCaCO3/L	39.1	42.8
Ortho-phosphorus		mg/L	0.005	0.007
Nitrate + Nitrite		mg/L	0.341	0.285
Phosphorus	Total	mg/L	0.036	0.78
Copper	Total	ug/L	16.4	49.1
Zinc	Total	ug/L	19.5	212
Calcium	Total	mg/L	11.5	12.7
Magnesium	Total	mg/L	2.54	2.69
Copper	Dissolved	ug/L	6.64	9.17 J
Zinc	Dissolved	ug/L	9.2	27.6
Total Suspended Solids		mg/L	6	114
PSD < 500 um (%passing)		%	73.3	69.69
PSD < 125 um (%passing)		%	60	51.18
PSD < 63 um (%passing)		%	53.3	39.81
PSD < 4 um (%passing)		%	20	10.69
D50		uM	48	116

TreePod 4/28/2018



	Units	Value
Start		4/28/2018 03:55
Stop		4/28/2018 09:50
Duration	hour	5.9167
Total	in	0.43
Average Intensity	in/hr	0.0727
Maximum	in	0.02
Maximum Intensity	in/hr	0.24
Antecedent Dry Period	hour	268.2

	Units	OC-IN	OC-OUT	OC-BP
Start		4/28/2018 03:55	4/28/2018 03:55	4/28/2018 07:30
Stop		4/28/2018 17:35	4/28/2018 17:35	4/28/2018 17:35
Duration	hour	13.75	13.75	3.5833
Average	gal/min	9.3034	9.1186	0.7091
Maximum	gal/min	11.472	11.1818	3.0186
Volume	gal	7675.327	7522.874	152.4541
Sample Count	count	65	63	0
First Sample Time		4/28/2018 04:20	4/28/2018 04:22	
Last Sample Time		4/28/2018 15:07	4/28/2018 15:02	
Sample Duration	hour	10.7917	10.6667	0
Sampled Volume	gal	6618.452	6478.758	0
Sample Coverage %	%	86.2302	86.1208	0
Average Sampled Flow	gal/min	10.2825	10.1766	0
Pacing Volume	no units	103	103	0

Parameter	Fraction	Units	OC-OUT 4/28/2018 00:00 OC-OUT Flow-Weighted Composite	OC-IN 4/28/2018 00:00 OC-IN Flow-Weighted Composite
Hardness		mgCaCO3/L	76.5	71
Ortho-phosphorus		mg/L	0.004 J	0.014 J
Nitrate + Nitrite		mg/L	0.973	0.824
Phosphorus	Total	mg/L	0.046	0.126
Copper	Total	ug/L	16.1	28.4
Zinc	Total	ug/L	20.5	79
Calcium	Total	mg/L	21.1	19.4
Magnesium	Total	mg/L	5.76	5.46
Copper	Dissolved	ug/L	13 J	18.8 J
Zinc	Dissolved	ug/L	15.2 J	43.3 J
Total Suspended Solids		mg/L	4.4	30
PSD < 500 um (%passing)		%	88.63	84.7
PSD < 125 um (%passing)		%	84.09	69.42
PSD < 63 um (%passing)		%	79.54	56.57
PSD < 4 um (%passing)		%	34.09	29.05
D50		uM	10	33