#### STORMWATER SAMPLING DATA

# Town of Glastonbury Glastonbury, Connecticut

Sampling Personnel: Luke Whitehouse, Environmental Compliance Services, Inc.  Sampling Date: 11/6/2014  Rain Start Time: 08:00 am Rain Stop Time: 08:00 pm Runoff Start Time: unknown Rain Description (i.e., drizzle, steady, downpour, etc.): Drizzle  Outside Temperature: 45-50° F  Magnitude of Storm Event (in inches): 0.24  Date of Previous Storm Event of 0.1 Inches or More: 11/1/2014  Location of Rain Gauge or Gauging Station:  Glastonbury, CT, as reported on http://www.wunderground.com/  Sampling Data  Outfall No. Location Description Sampling Time  C-1 42" RCP pipe (discharging south) behind stores at south end of Griswold Mall on Main St. 8:45 am  60" RCP pipe (discharging west) north of parking lot for 379 Naubuc Ave. on west side of Naubuc Ave. at intersection with Glastonbury Blvd. 9:15 am  48" RCP pipe through retaining wall behind CVS Pharmacy on New  I-1 London Tpke. Concrete of outfall pipe. 9:30 am  15" RCP pipe (discharging east) into retention pond south of corner at east end of Commerce St. 10:00 am  R-1 36" ACCMP pipe (discharging south) behind 58 Whapley Rd. 8:30 am  Analysis Data  Laboratory Performing Analyses: Phoenix Environmental Laboratories, Inc.  Date Samples Dropped Off: 11/06/2014  Note: Attached are photographs of sample locations and laboratory report, including analytical results, techniques and methods used.			General Information								
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None.			Comments								
I VAAVI	None.										

## 2014 STORMWATER PHASE II ANALYTICAL RESULTS

## Town of Glastonbury Glastonbury, Connecticut

	Commercial (1)		Industrial (1)		Residential (1)	
Laboratory Parameter (2)	Outfall 1 (Glast C-1)	Outfall 2 (Glast C-2)	Outfall 1 (Glast I-1)	Outfall 2 (Glast I-2)	Outfall 1 (Glast R-1)	Outfall 2 (Glast R-2)
Uncontaminated Rainfall Sample (SU) (3)	6.9	6.9	6.9	6.9	6.9	6.9
Stormwater pH (SU) (3)	6.94	5.21	7.22	7.29	6.52	7.84
Hardness (mg/L) (4)	83.1	24.5	230	29.0	207	75.8
Conductivity (umos) (5)	643	80	1,140	1,140	78	563
Oil and Grease (mg/L)	<1.4	1.6	<1.4	15	<1.4	<1.4
Chemical Oxygen Demand (mg/L)	<10	112	16	125	16	14
Turbidity (NTU) (6)	1.40	4.66	4.38	4.07	129	1.04
Total Suspended Solids (mg/L)	<5.0	38	<5.0	190	<5.0	<5.0
Total Phosphorous (mg/L)	0.03	0.50	0.09	0.55	0.15	0.03
Ammonia (mg/L)	0.11	0.40	0.41	1.80	0.04	0.17
Total Kjeldahl Nitrogen (mg/L)	0.65	2.02	1.27	4.65	0.62	0.62
Nitrate plus Nitrite Nitrogen (mg/L)	1.70	< 0.01	2.49	0.76	1.33	1.67
E. coli (col/100 mL) (7)	7,700	<10	1,370	250	<10	100

#### Notes:

- 1. Refer to Stormwater Sampling Data form for the locations of each stormwater outfall.
- 2. Laboratory parameters are taken from the CT DEEP General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems.
- 3. SU = standard units
- 4. mg/L = milligrams per liter
- 5. umos = micromhos
- 6. NTU = nephelometric turbidity units
- 7.  $col/100 \text{ mL} = coliforms per 100 milliliters}$