COMPLETE ENVIRONMENTAL TESTING, INC.

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Client: Ms. Cynthia Baumann
CDM
100 Great Meadow Road, Suite 10
Wethersfield, CT 06109

Analytical Report

CET # 11100434

Report Date: November 1, 2011
Client Project: Weston Stormwater

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

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Project: Weston Stormwater

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE84720	PO Post Office	Storm	10/19/2011	10:30	10/19/2011
AE84721	OO Old Orchard Rd	Storm	10/19/2011	11:06	10/19/2011
AE84722	RR Redding Rd	Storm	10/19/2011	11:26	10/19/2011
AE84723	Lords Highway	Storm	10/19/2011	10:59	10/19/2011
AE84724	High School	Storm	10/19/2011	10:43	10/19/2011
AE84725	Middle School	Storm	10/19/2011	10:48	10/19/2011

Sample temperature upon receipt was 5.6 degrees C

PREP ANALYSIS:

Acid Digestion of Waters [EPA 3005A]

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/28/2011	10/28/2011	10/28/2011	10/28/2011

Acid Digestion of Waters [EPA 3005A]

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/28/2011	10/28/2011

ANALYSIS:

E. Coli [SM9223B] Units: MPN/100mls

Client ID	OO Old Orchard Rd
CET ID	AE84721
Date Analyzed	10/19/2011
E. Coli	686.7

Ammonia as N Dup Result [SM4500-NH3 H] Units: mg/l

Client ID	PO Post Office
CET ID	AE84720
Date Analyzed	10/19/2011
Ammonia as N Dup Result	ND < 0.10

Nitrite as N Dup Result [EPA 300.0] Units: mg/l

Client ID	PO Post Office
CET ID	AE84720
Date Analyzed	10/19/2011-19:22
Nitrite as N Dup Result	ND < 0.10

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Nitrate as N Dup Res [EPA 300.0] Units: mg/l

Client ID	PO Post Office	High School
CET ID	AE84720	AE84724
Date Analyzed	10/19/2011-19:22	10/19/2011-21:34
Nitrate as N Dup Res	ND < 0.10	0.41

Chemical Oxygen Demand Dup [EPA 410.4] Units: mg/l

Client ID	PO Post Office
CET ID	AE84720
Date Analyzed	10/21/2011
Chemical Oxygen Demand Dup	71

Ammonia as N [SM4500-NH3 H] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/19/2011	10/19/2011	10/19/2011	10/19/2011
Ammonia as N	ND < 0.10	ND < 0.10	ND < 0.10	ND < 0.10

Ammonia as N [SM4500-NH3 H] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/19/2011	10/19/2011
Ammonia as N	ND < 0.10	ND < 0.10

Nitrite as N [EPA 300.0] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/19/2011-19:22	10/19/2011-20:45	10/19/2011-21:01	10/19/2011-21:18
Nitrite as N	ND < 0.10	ND < 0.10	ND < 0.10	ND < 0.10

Nitrite as N [EPA 300.0] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/19/2011-21:34	10/19/2011-22:40
Nitrite as N	ND < 0.10	ND < 0.10

Nitrate as N [EPA 300.0] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/19/2011-19:22	10/19/2011-20:45	10/19/2011-21:01	10/19/2011-21:18
Nitrate as N	ND < 0.10	0.34	0.27	0.35

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Nitrate as N [EPA 300.0] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/19/2011-21:34	10/19/2011-22:40
Nitrate as N	0.40	ND < 0.10

Phosphorus, Total [365.4] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/31/2011	10/31/2011	10/31/2011	10/31/2011
Phosphorus, Total	ND < 0.10	ND < 0.10	0.33	ND < 0.10

Phosphorus, Total [365.4] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/31/2011	10/31/2011
Phosphorus, Total	ND < 0.10	ND < 0.10

Total Kjeldahl Nitrogen [EPA 351.2] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/31/2011	10/31/2011	10/31/2011	10/31/2011
Total Kjeldahl Nitrogen	ND < 1.0	ND < 1.0	1.1	ND < 1.0

Total Kjeldahl Nitrogen [EPA 351.2] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/31/2011	10/31/2011
Total Kjeldahl Nitrogen	ND < 1.0	ND < 1.0

Hardness [2340B] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/28/2011	10/28/2011	10/28/2011	10/28/2011
Hardness	7.1	42	39	26

Hardness [2340B] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/28/2011	10/28/2011
Hardness	280	5.3

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Chemical Oxygen Demand [EPA 410.4] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/21/2011	10/21/2011	10/21/2011	10/21/2011
Chemical Oxygen Demand	71	13	49	130

Chemical Oxygen Demand [EPA 410.4] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/21/2011	10/21/2011
Chemical Oxygen Demand	30	210

Oil & Grease, Total [EPA 1664A] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/20/2011	10/20/2011	10/20/2011	10/20/2011
Oil & Grease, Total	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0

Oil & Grease, Total [EPA 1664A] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/20/2011	10/20/2011
Oil & Grease, Total	ND < 5.0	ND < 5.0

Specific Conductivity [2510B] Units: umhos/cm

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/20/2011	10/20/2011	10/20/2011	10/20/2011
Specific Conductivity	32	140	170	160

Specific Conductivity [2510B] Units: umhos/cm

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/20/2011	10/20/2011
Specific Conductivity	880	43

pH analyzed in Lab [SM4500 H+ B]

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/19/2011-14:48	10/19/2011-14:48	10/19/2011-14:48	10/19/2011-14:48
pH analyzed in Lab	7.01	6.69	6.13	7.00

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pH analyzed in Lab [SM4500 H+ B]

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/19/2011-14:48	10/19/2011-14:48
pH analyzed in Lab	6.72	7.02

Total Suspended Solids [SM2540 D] Units: mg/l

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/24/2011	10/24/2011	10/24/2011	10/24/2011
Total Suspended Solids	23	16	110	10

Total Suspended Solids [SM2540 D] Units: mg/l

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/24/2011	10/24/2011
Total Suspended Solids	6.0	ND < 5.0

Turbidity [SM 2130B] Units: NTU

Client ID	PO Post Office	OO Old Orchard Rd	RR Redding Rd	Lords Highway
CET ID	AE84720	AE84721	AE84722	AE84723
Date Analyzed	10/20/2011-15:46	10/20/2011-15:46	10/20/2011-15:46	10/20/2011-15:46
Turbidity	19	11	43	8.1

Turbidity [SM 2130B] Units: NTU

Client ID	High School	Middle School
CET ID	AE84724	AE84725
Date Analyzed	10/20/2011-15:46	10/20/2011-15:46
Turbidity	1.8	1.7

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

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Project: Weston Stormwater

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Reference Lab ID: PH0535 (E. Coli)

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only: 11100434

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Temp., 24 Hours, 2-3 Days, Standard

Organics: PH, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: pH, Hardness, Conductivity, Total oil/Grease, COD, TSS, TKN, Turbidity, Total Phosphorus, Ammonia, Nitrate/Nitrite, E-Coli

Sample ID	Date/Time	Matrix	Temp.	24 Hours	2-3 Days	Standard	PH	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	pH, Hardness	Conductivity	Total oil/Grease	COD, TSS, TKN	Turbidity	Total Phosphorus	Ammonia	Nitrate/Nitrite	E-Coli	TOTAL # OF CONT.	NOTE #
	AM	W				X																			✓	✓	✓	✓	✓	✓	✓	✓	✓		
P.O. Post Office	10/19/11 10:30	W				X																			X	X	X	X	X	X	X	X	X	5	
O.O. Old Orchard Rd	10/19/11 11:06	W				X																			X	X	X	X	X	X	X	X	X	5	
R.R. Redding Rd	10/19 11:26	W				X																			X	X	X	X	X	X	X	X	X	5	
Lords Highway	10/19 10:59	W				X																			X	X	X	X	X	X	X	X	X	5	
High School	10/19 10:43	W				X																			X	X	X	X	X	X	X	X	X	5	
Middle School	10/19 10:48	W				X																			X	X	X	X	X	X	X	X	X	5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
John Conte	10/19/11 12:13	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: CET QUOTE # 102507, 10-25-07.
Run Analysis per C.O.C., not labels
CAN only run e-coli on old orchard - other bottles not sterile

Client / Reporting Information

Company Name: CDM

Address: 100 Great Meadow Rd. Suite 104

City: Wethersfield State: CT Zip: 06109

Report To: Cynthia Baumann E-mail: [Baumann CA@cdm.com]

Phone #: 401 457 0334 Fax #: 401 457 0334

Project Information

Project Contact: Cynthia Baumann PO #:

Project: Weston Stormwater Project #:

Location: Weston CT Collector(s):

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg *

Data Report: ☒ Email ☐ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☒ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt: ___ °C

SHEET ___ OF ___

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/1/08