ANALYTICAL REPORT

Lab Number:	L1012890
Client:	Woodard & Curran 709 Westchester Ave Suite L2 White Plains, NY 10604
ATTN:	Lou Russo
Phone:	(914) 448-2266
Project Name:	TAYLORS LANE
Project Number:	213733
Report Date:	09/07/10

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: TAYLORS LANE
Project Number: 213733

Lab Number: L1012890
Report Date: 09/07/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1012890-01	LWB-S1	MAMARONECK, NY	08/17/10 00:00
L1012890-02	LWB-S2	MAMARONECK, NY	08/17/10 00:00
L1012890-03	LWB-S3	MAMARONECK, NY	08/17/10 00:00

Project Name: TAYLORS LANE
Project Number: 213733

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Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

Grain Size

It should be noted that the samples contained rocks, sticks, twigs and sand.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Cynthia McQueen

Title: Technical Director/Representative Date: 09/07/10

INORGANICS
&
MISCELLANEOUS

Project Name: TAYLORS LANE
Project Number: 213733
Lab Number: L1012890
Report Date: 09/07/10

SAMPLE RESULTS

Lab ID: L1012890-01
Client ID: LWB-S1
Sample Location: MAMARONECK, NY
Matrix: Soil
Date Collected: 08/17/10 00:00
Date Received: 08/20/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
% Cobbles	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Coarse Gravel	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Fine Gravel	17.7		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Coarse Sand	17.3		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Medium Sand	37.7		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Fine Sand	21.9		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Silt Fine	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Clay Fine	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Total Fines	5.40		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE

Project Name: TAYLORS LANE
Project Number: 213733
Lab Number: L1012890
Report Date: 09/07/10

SAMPLE RESULTS

Lab ID: L1012890-02
Client ID: LWB-S2
Sample Location: MAMARONECK, NY
Matrix: Soil
Date Collected: 08/17/10 00:00
Date Received: 08/20/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
% Cobbles	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Coarse Gravel	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Fine Gravel	19.3		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Coarse Sand	15.0		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Medium Sand	36.0		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Fine Sand	23.7		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Silt Fine	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Clay Fine	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Total Fines	6.00		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE

Project Name: TAYLORS LANE
Project Number: 213733
Lab Number: L1012890
Report Date: 09/07/10

SAMPLE RESULTS

Lab ID: L1012890-03
Client ID: LWB-S3
Sample Location: MAMARONECK, NY
Matrix: Soil
Date Collected: 08/17/10 00:00
Date Received: 08/20/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
% Cobbles	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Coarse Gravel	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Fine Gravel	12.3		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Coarse Sand	16.6		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Medium Sand	36.0		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Fine Sand	27.5		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Silt Fine	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Clay Fine	ND		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE
% Total Fines	7.60		%	0.100	NA	1	-	09/07/10 00:00	12,D422	SE

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYLORS LANE
Project Number: 213733

Lab Number: L1012890
Report Date: 09/07/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Grain Size Analysis - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG431186-1 QC Sample: L1012890-01 Client ID: LWB-S1						
% Cobbles	ND	ND	%	NC		20
% Coarse Gravel	ND	ND	%	NC		20
% Fine Gravel	17.7	20.3	%	14		20
% Coarse Sand	17.3	16.7	%	4		20
% Medium Sand	37.7	36.2	%	4		20
% Fine Sand	21.9	21.3	%	3		20
% Silt Fine	ND	ND	%	NC		20
% Clay Fine	ND	ND	%	NC		20
% Total Fines	5.4	5.50	%	2		20

Project Name: TAYLORS LANE
Project Number: 213733

Lab Number: L1012890
Report Date: 09/07/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1012890-01A	Bag	A	N/A	3	Y	Absent	A2-HYDRO-TFINE(),A2-SIEVE_#10(7),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-SIEVE_#140(7),A2-SIEVE_#60(7),A2-SIEVE_#4(7),A2-SIEVE_#40(7),A2-SIEVE_#20(7),A2-SIEVE_#200(7),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1012890-02A	Bag	A	N/A	3	Y	Absent	A2-HYDRO-TFINE(),A2-SIEVE_#10(7),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-SIEVE_#140(7),A2-SIEVE_#60(7),A2-SIEVE_#4(7),A2-SIEVE_#40(7),A2-SIEVE_#20(7),A2-SIEVE_#200(7),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1012890-03A	Bag	A	N/A	3	Y	Absent	A2-HYDRO-TFINE(),A2-SIEVE_#10(7),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-SIEVE_#140(7),A2-SIEVE_#60(7),A2-SIEVE_#4(7),A2-SIEVE_#40(7),A2-SIEVE_#20(7),A2-SIEVE_#200(7),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()

*Values in parentheses indicate holding time in days

Project Name:	TAYLORS LANE	**Lab Number:**	L1012890
Project Number:	213733	**Report Date:**	09/07/10

GLOSSARY

Acronyms

EPA	· Environmental Protection Agency.
LCS	· Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	· Laboratory Control Sample Duplicate: Refer to LCS.
MDL	· Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	· Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	· Matrix Spike Sample Duplicate: Refer to MS.
NA	· Not Applicable.
NC	· Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	· Not Ignitable.
RL	· Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	· Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.

Report Format: Data Usability Report

Project Name:	TAYLORS LANE	**Lab Number:**	L1012890
Project Number:	213733	**Report Date:**	09/07/10

Data Qualifiers

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	TAYLORS LANE	**Lab Number:**	L1012890
Project Number:	213733	**Report Date:**	09/07/10

REFERENCES

12 Annual Book of ASTM Standards. American Society for Testing and Materials.

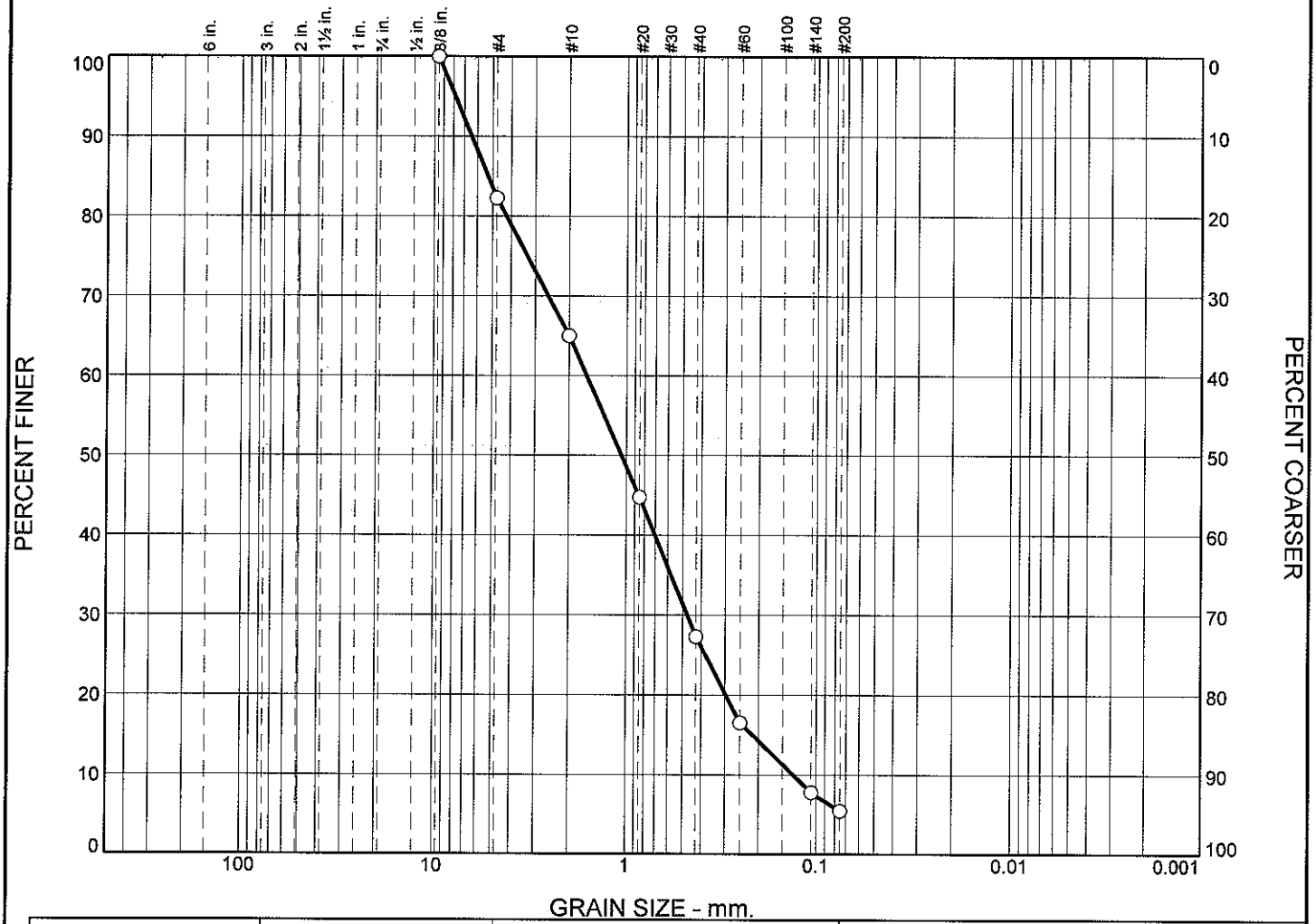
LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ASTM D422-63
SIEVE ANALYSIS

Particle Size Distribution Report



	% Cobbles	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	17.7	17.3	37.7	21.9	5.4	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			5.2856	1.6199	1.0617	0.4737	0.2159	0.1320	1.05	12.27

	Material Description	USCS	AASHTO
○			

Project No. L1012890 **Client:** Woodard + Curran

Project: Taylors Lane

○ **Source of Sample:** LWB-S1 **Sample Number:** L1012890-01

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

9/7/2010

Client: Woodard + Curran
Project: Taylors Lane
Project Number: L1012890
Location: LWB-S1
Sample Number: L1012890-01

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer	Percent Retained
220.51	7.26	0.375	566.15	566.15	100.0	0.0
		#4	565.33	527.54	82.3	17.7
		#10	530.43	493.56	65.0	35.0
		#20	466.56	423.37	44.7	55.3
		#40	411.97	374.71	27.3	72.7
		#60	383.74	360.77	16.5	83.5
		#140	355.99	337.38	7.8	92.2
		#200	344.64	339.68	5.4	94.6

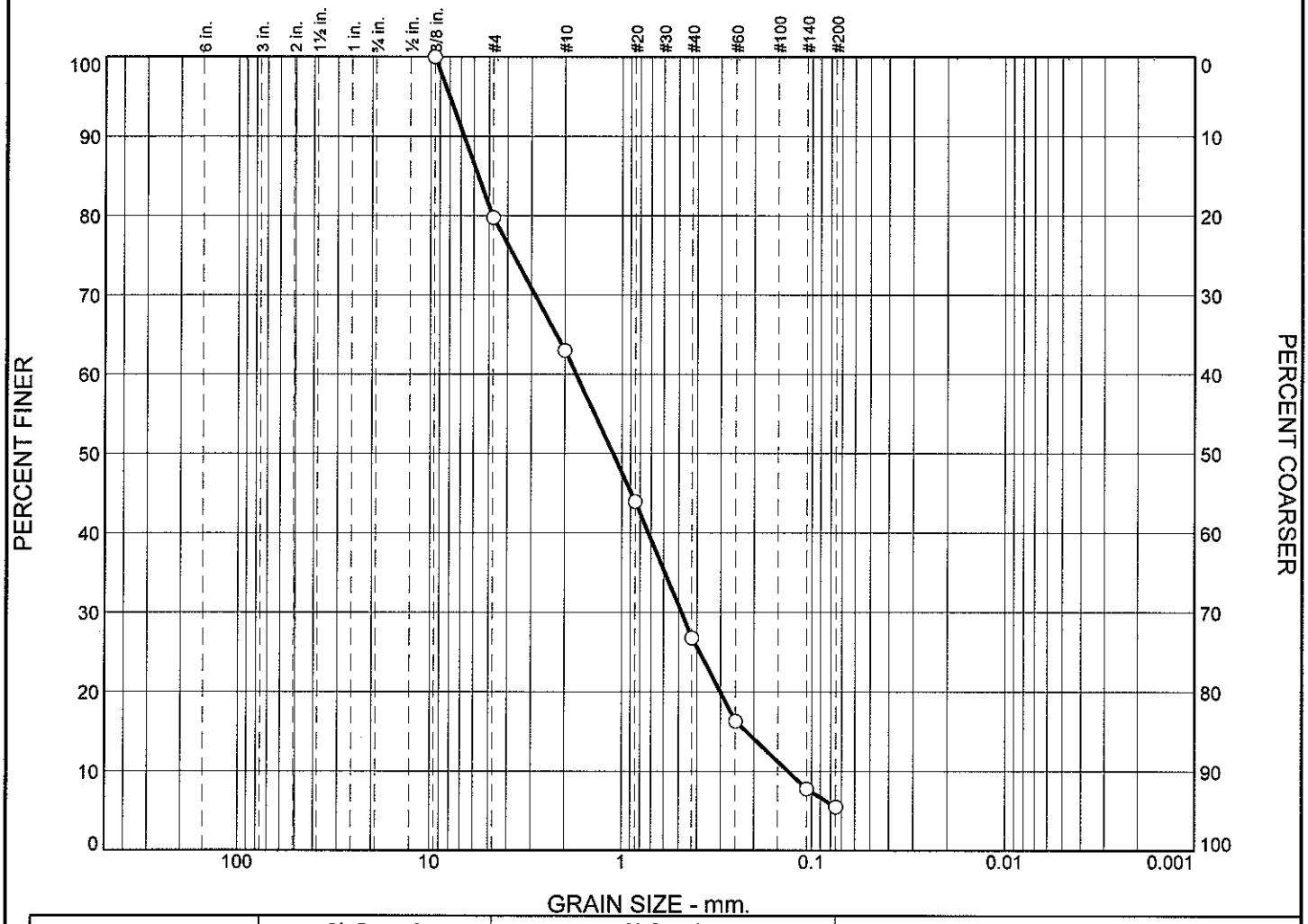
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	17.7	17.7	17.3	37.7	21.9	76.9			5.4

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1320	0.2159	0.2972	0.4737	1.0617	1.6199	4.2381	5.2856	6.4320	7.8272

Fineness Modulus	C_u	C_c
3.29	12.27	1.05

Particle Size Distribution Report



	% Cobbles	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	20.3	16.7	36.2	21.3	5.5	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			5.6893	1.7485	1.1160	0.4841	0.2196	0.1327	1.01	13.18

	Material Description	USCS	AASHTO
○			

Project No. L1012890 **Client:** Woodard + Curran

Project: Taylors Lane

○ **Source of Sample:** LWB-S1 **Sample Number:** WG431186-1

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

9/7/2010

Client: Woodard + Curran
Project: Taylors Lane
Project Number: L1012890
Location: LWB-S1
Sample Number: WG431186-1

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer	Percent Retained
232.56	7.25	0.375	566.15	566.15	100.0	0.0
		#4	573.17	527.54	79.7	20.3
		#10	531.31	493.56	63.0	37.0
		#20	466.31	423.37	43.9	56.1
		#40	413.37	374.71	26.8	73.2
		#60	384.41	360.77	16.3	83.7
		#140	356.55	337.38	7.8	92.2
		#200	344.87	339.68	5.5	94.5

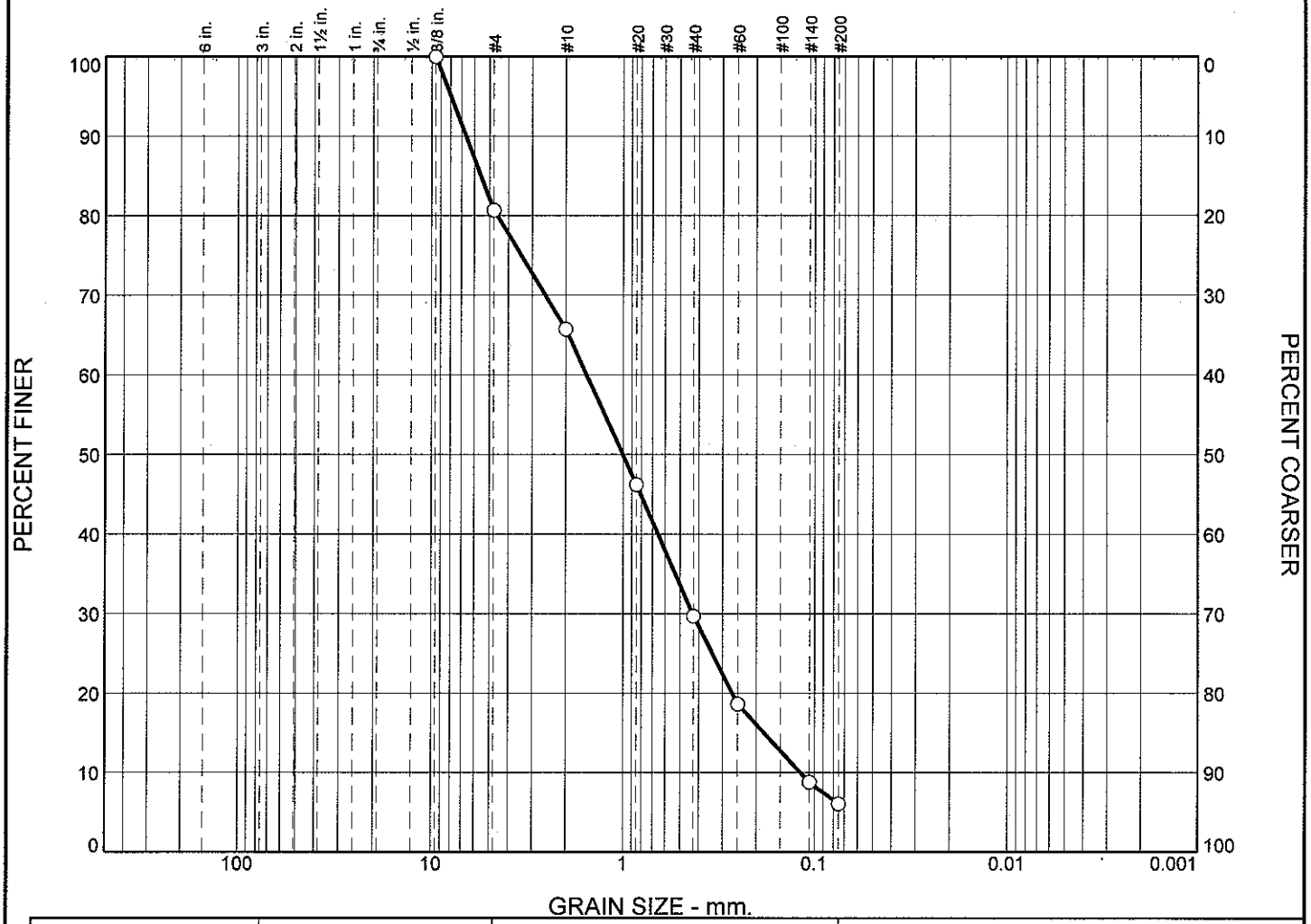
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	20.3	20.3	16.7	36.2	21.3	74.2			5.5

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1327	0.2196	0.3017	0.4841	1.1160	1.7485	4.7913	5.6893	6.7555	8.0216

Fineness Modulus	C_u	C_c
3.36	13.18	1.01

Particle Size Distribution Report



	% Cobbles	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	19.3	15.0	36.0	23.7	6.0	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			5.5515	1.5574	1.0047	0.4311	0.1826	0.1183	1.01	13.17

	Material Description	USCS	AASHTO
○			

Project No. L1012890 **Client:** Woodard + Curran

Project: Taylors Lane

○ **Source of Sample:** LWB-S2 **Sample Number:** L1012890-02

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

9/7/2010

Client: Woodard + Curran
Project: Taylors Lane
Project Number: L1012890
Location: LWB-S2
Sample Number: L1012890-02

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer	Percent Retained
393.72	7.48	0.375	566.15	566.15	100.0	0.0
		#4	602.21	527.54	80.7	19.3
		#10	551.35	493.56	65.7	34.3
		#20	498.76	423.37	46.2	53.8
		#40	438.53	374.71	29.7	70.3
		#60	403.45	360.77	18.6	81.4
		#140	375.52	337.38	8.7	91.3
		#200	350.19	339.68	6.0	94.0

Fractional Components

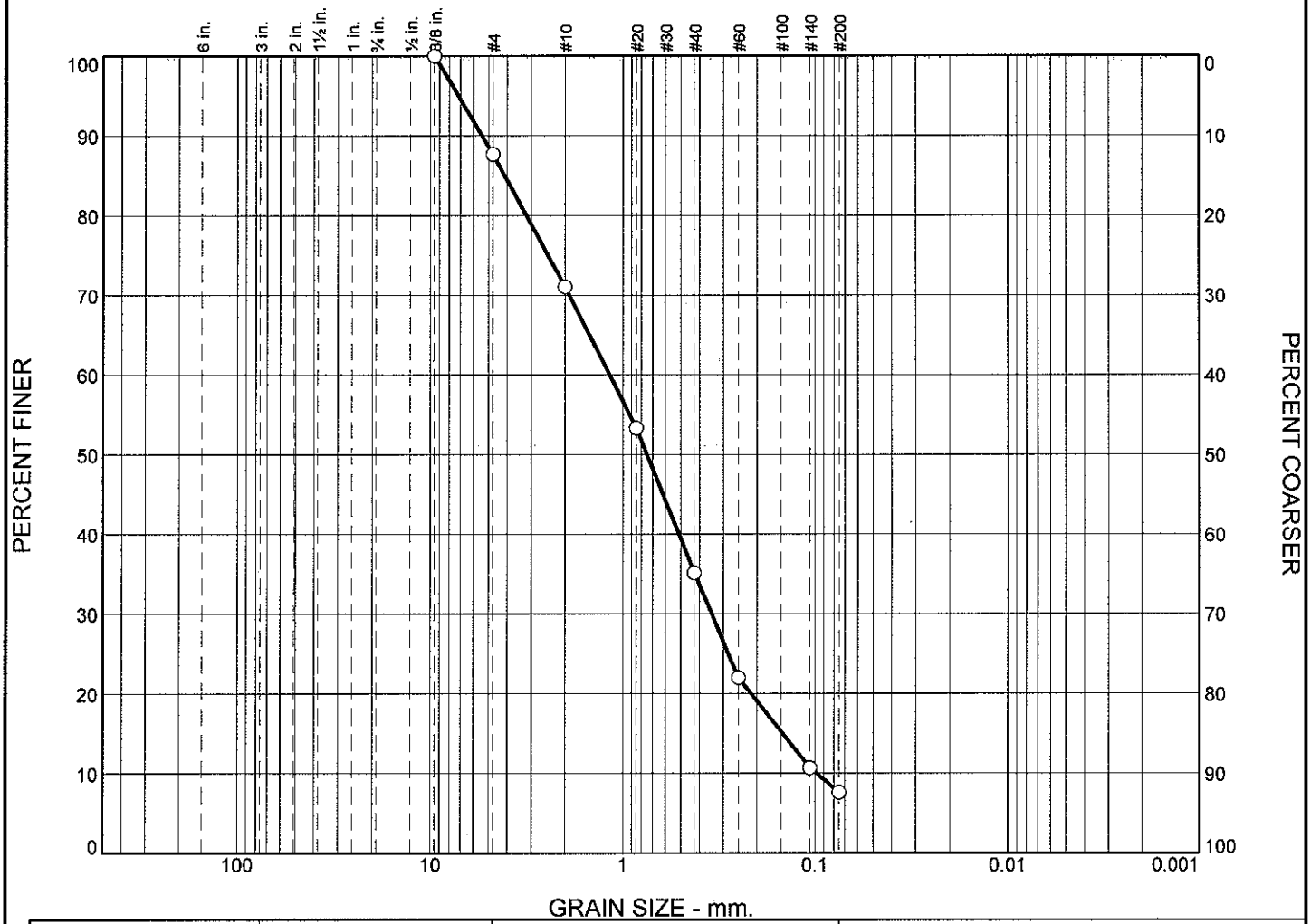
Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	19.3	19.3	15.0	36.0	23.7	74.7			6.0

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1183	0.1826	0.2672	0.4311	1.0047	1.5574	4.5702	5.5515	6.6460	7.9564

Fineness Modulus	C_u	C_c
3.24	13.17	1.01

Alpha Analytical

Particle Size Distribution Report



	% Cobbles	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	12.3	16.6	36.0	27.5	7.6	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			4.1317	1.1730	0.7490	0.3459	0.1474	0.0984	1.04	11.92

	Material Description	USCS	AASHTO
○			

Project No. L1012890 **Client:** Woodard + Curran

Project: Taylors Lane

○ **Source of Sample:** LWB-S3 **Sample Number:** L1012890-03

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

9/7/2010

Client: Woodard + Curran
Project: Taylors Lane
Project Number: L1012890
Location: LWB-S3
Sample Number: L1012890-03

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer	Percent Retained
210.05	7.22	0.375	566.15	566.15	100.0	0.0
		#4	552.53	527.54	87.7	12.3
		#10	527.27	493.56	71.1	28.9
		#20	459.34	423.37	53.3	46.7
		#40	411.66	374.71	35.1	64.9
		#60	387.47	360.77	21.9	78.1
		#140	360.27	337.38	10.7	89.3
		#200	345.91	339.68	7.6	92.4

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	12.3	12.3	16.6	36.0	27.5	80.1			7.6

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0984	0.1474	0.2156	0.3459	0.7490	1.1730	3.1850	4.1317	5.4151	7.1819

Fineness Modulus	C_u	C_c
2.92	11.92	1.04

Alpha Analytical

Certificate/Approval Program Summary

Last revised July 19, 2010 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable), Total Cyanide. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Organic Carbon, Total Cyanide, Corrosivity, TCLP 1311. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, EPA 120.1, SM2510B, EPA 245.1, EPA 150.1, EPA 160.2, SM2540D, EPA 335.2, SM2540G, EPA 180.1. Organic Parameters: EPA 625, 608.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045, 9014. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 120.1, 150.1, 160.2, 180.1, 200.8, 245.1, 310.1, 335.2, 608, 625, 1631, 3010, 3015, 3020, 6020, 9010, 9014, 9040, SM2320B, 2510B, 2540D, 2540G, 4500CN-E, 4500H-B, Organic Parameters: EPA 3510, 3580, 3630, 3640, 3660, 3665, 5030, 8015 (mod), 3570, 8081, 8082, 8260, 8270,)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7196, 7470, 7471, 7474, 9010, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015 (mod), EPA 3570, 1311, 3050, 3051, 3060, 3580, 3630, 3640, 3660, 3665, 5035, 8081, 8082, 8260, 8270.)

Biological Tissue (Inorganic Parameters: EPA 6020. Organic Parameters: EPA 3570, 3510, 3610, 3630, 3640, 8270.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030.

Non-Potable Water (Inorganic Parameters: SM4500H+B. Organic Parameters: EPA 624.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 200.8, 245.1, 1631E, 120.1, 150.1, 180.1, 310.1, 335.2, 160.2, SM2540D, 2540G, 4500CN-E, 4500H+B, 2320B, 2510B. Organic Parameters: EPA 625, 608.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3010, 3020A, 3015, 6020, SM2320B, EPA 200.8, SM2540C, 2540D, 2540G, EPA 120.1, SM2510B, EPA 180.1, 245.1, 1631E, SW-846 9040B, 6020, 9010B, 9014 Organic Parameters: EPA 608, 625, SW-846 3510C, 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082 8260B, 8270C)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6020, 9010B, 9014, 1311, 1312, 3050B, 3051, 3060A, 7196A, 7470A, 7471A, 9045C, 9060. Organic Parameters: SW-846 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082, 8260B, 8270C, 3570, 8015B.)

Atmospheric Organic Parameters (EPA TO-15)

Biological Tissue (Inorganic Parameters: SW-846 6020 Organic Parameters: SW-846 8270C, 3510C, 3570, 3610B, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 310.1, SM2320B, EPA 365.2, 160.1, EPA 160.2, SM2540D, EPA 200.8, 6020, 1631E, 245.1, 335.2, 9014, 150.1, 9040B, 120.1, SM2510B, EPA 376.2, 180.1, 9010B. Organic Parameters: EPA 624, 8260B, 8270C, 608, 8081A, 625, 8082, 3510C, 3511, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, SW-846 Ch7 Sec 7.3, EPA 6020, 7196A, 7471A, 7474, 9014, 9040B, 9045C, 9010B. Organic Parameters: EPA 8260B, 8270C, 8081A, DRO 8015B, 8082, 1311, 3050B, 3580, 3050B, 3035, 3570, 3051, 5035, 5030B.)

Air & Emissions (EPA TO-15.)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via LA-DEQ.***

Refer to MA-DEP Certificate for Non-Potable Water.

Refer to LA-DEQ Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8260, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

U.S. Army Corps of Engineers

Department of Defense Certificate/Lab ID: L2217.01.

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312,3051, 6020, 747A, 7474, 9045C,9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580, 3570, 3540C, 5035, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1012890

Client Information

Client: Woodard + Curran

Address: 709 Westchester Ave, Suite 22 White Plains, NY 10604

Phone: 914-448-2266

Fax: 914-448-0147

Email: lrusso@woodardcurran.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Taylors Lane

Project Location: Mamaroneck, NY

Project #: 213733

Project Manager: Lou Russo

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: Grain Size w/ Hydrometer

SAMPLE HANDLING

Filtration
☐ Done
☒ Not needed
☐ Lab to do

Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Grain Size w/ Hydrometer	Sample Specific Comments	TOTAL # BOTTLES
L1012890-1	LWB-S1	8.17.10		SO	AMT	X		
-2	LWB-S2	8.17.10		SO	AMT	X		
-3	LWB-S3	8.17.10		SO	AMT	X		

Container Type	Bag	Bag	Bag
Preservative	NA		

Relinquished By:	Date/Time	Received By:	Date/Time
	8/19/10 1640		8/19/10 1640
	8/19/10		8/20/10 0930
	8/20/10 1130		8/20/10 1130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)