

Attachment 13

Slurry Wall Disturbance Documentation



TECHNICAL MEMORANDUM

To: John F. Kerber, P.E., LSRP - Potomac-Hudson Environmental, Inc.
From: Marshall E. King, P.E., LSRP
Subject: Slurry Wall and Cap Disturbance Report
Project: PPG, Site 112A, Linden Avenue East, Jersey City, Hudson County, New Jersey
NJDEP Case Number: 15-01-05174631
Report Date: February 3, 2015
Document No.: 016-003-00

On December 30, 2014, PPG Industries' contractor Entact LLC of Latrobe, Pennsylvania, accidentally breeched the slurry wall and cap associated with Hudson County Chromate Site 112A [NJDEP Program Interest #015203 - Ultramar case] using an excavator. The event occurred while chasing/excavating chromate chemical production waste (CCPW) that was located on the adjacent Site 16 (NJDEP PI #G000008644) at the direction of WCD Group of Pennington, NJ, the remedial construction manager.

An area of approximately $\pm 1,300$ -square feet was disturbed in the northwestern corner of the CCPW containment cell located on Site 112A as shown on Figure 1. The disturbance area was located on Block 27401, Lot 33, owned by the New Jersey Department of Transportation (NJDOT). The disturbance included the removal of approximately 2-ft of clean cap backfill, the high density polyethylene (HDPE) liner, 3 to 4-ft of CCPW impacted fill, and the top 3 to 4-ft of the surrounding slurry wall as shown in the photographs included as Attachment A. To document the incident, NJDEP Spill Hotline was called and an incident case number of 15-01-05174631 was obtained.

In order to repair the disturbance, CB&I Environmental & Infrastructure, Inc. (CB&I) prepared the attached disturbance repair detail. The detail was reviewed and approved by the LSRP for Site 112A, Potomac-Hudson Environmental Inc. Entact commenced repair activities on December 31, 2014, to patch the disturbance area.

Clay Patch

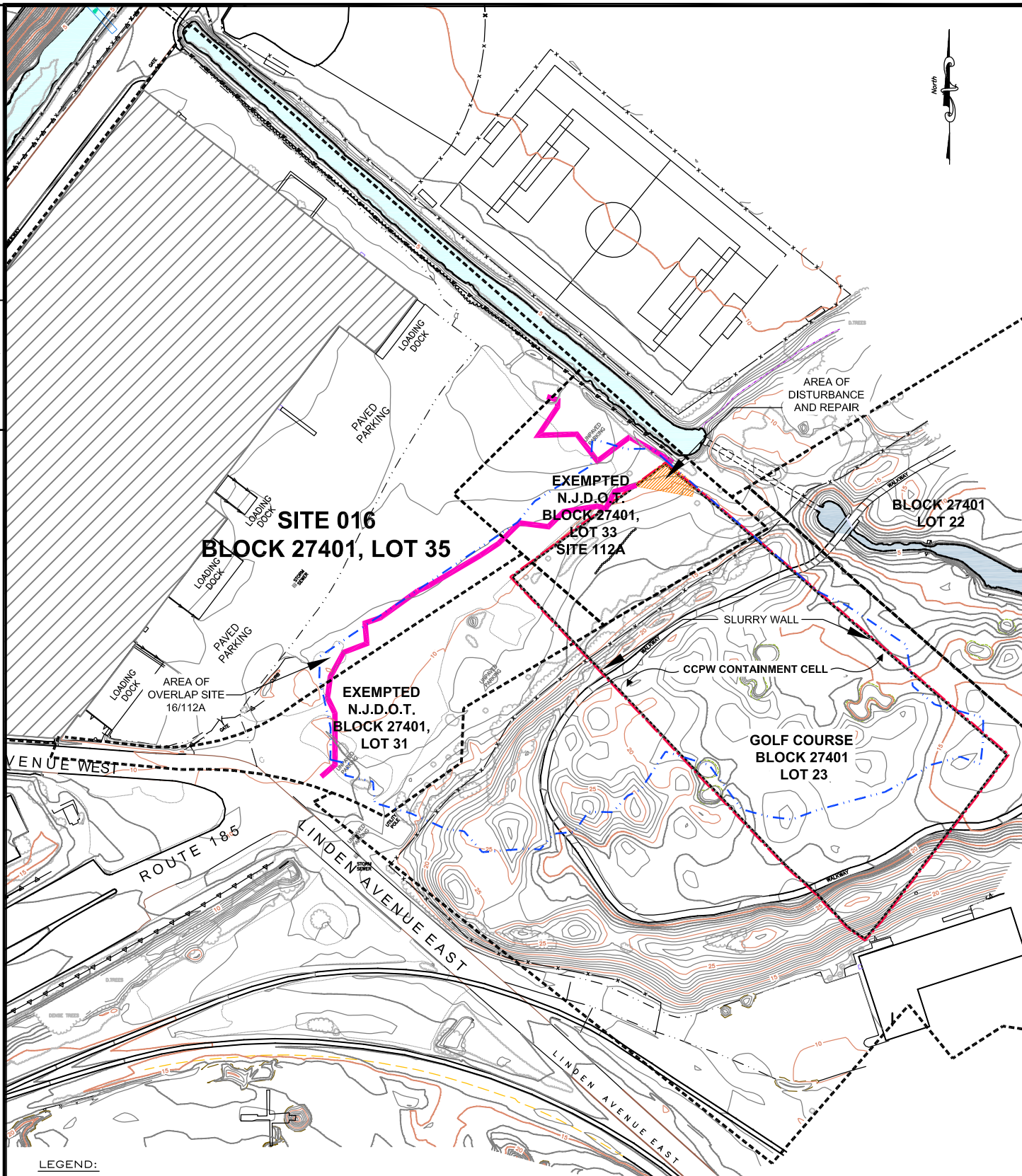
Entact brought clean clay material to the site from the Raritan Center site located at 1180 King George Road in Edison, New Jersey on December 31, 2014. Documentation including laboratory analytical data on this clay is provided in Attachment B to this report. The clay was spread out and roller compacted over the entire area of the disturbance to a thickness of approximately 3 to 4-ft and overlapped the existing slurry wall by at least 1-ft.

Liner Repair

On January 8, 2015, Entact brought a subcontractor onsite to extrusion weld a new HDPE liner to the edge of the existing HDPE liner. The new liner consisted of Solmax 40-mil HDPE as documented in Attachment C and covered the entire area of the clay patch with several feet of overlap on the edges. On either face of the new liner, geotextile was placed as a protective layer; geotextile used is documented in Attachment D.

Clean Fill Cap

Finally, the disturbance area was covered with a 2 to 3-ft thick clean fill cap in order to bring the area back up to grade. The clean fill consisted of stone fines generated at the Weldon Materials' Fanwood Quarry on New Providence Road in Watchung, New Jersey. Documentation including laboratory analytical data on these stone fines is provided in Attachment E to this report.



LEGEND:

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> PARCEL BOUNDARY AREA OF DISTURBANCE AND REPAIR SITE 112A REMEDIATION BOUNDARY SITE 016 REMEDIATION BOUNDARY SLURRY WALL LINER EXTENT WAREHOUSE BUILDING CONTOUR LINE RETAINING WALL LOADING DOCK RETAINING WALL ASPHALT PAVED BOUNDARY | <ul style="list-style-type: none"> GUARDRAIL UNPAVED PARKING GATE FENCE WATER DITCH DRAINAGE DITCH LANDSCAPED DRAINAGE DITCH ON GOLF COURSE VEGETATION TREES GOLF TRAP |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NOTE:
BASE MAP INFORMATION FROM AECOM, SITE
PLAN-PPG INDUSTRIES, DATED 12/06/2010
AND DPK CONSULTING DRAWING TITLED "SURVEY
OF PROPERTY DEED NOTICE EXHIBIT" DRAWING
NUMBER 11-4822DN00, DATED APRIL 16, 2014.

150 75 0 150
Scale in Feet



CB&I Environmental & Infrastructure, Inc.
200 Horizon Center Boulevard
Trenton, New Jersey 08691
NJ Certificate of Authorization No.24GA28072700

DESIGNED BY:

M. King

DRAWN BY:

A.Y.

CHECKED BY:

M. King

APPROVED BY:

--

DATE:

2/2/15

SCALE:

AS SHOWN

DRAWING NO.

146429-D1

FIGURE NO.

-

FIGURE 1

SITE 112A
LINDEN AVENUE EAST
JERSEY CITY, NEW JERSEY

016_L005

AREA OF DISTURBANCE AND REPAIR

**GOLF COURSE
BLOCK 27401,
LOT 23**













CCPW CONTAINMENT CELL

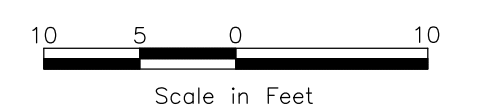
SLURRY WALL

STONE WALL

CLAREMONT DITCH

LEGEND:

- | | |
|---------------------------------------------------------------------------------------|-------------------------------------|
|  | PARCEL BOUNDARY |
|  | AREA OF DISTURBANCE AND REPAIR |
|  | SITE 112A REMEDIATION BOUNDARY |
|  | SITE 016 REMEDIATION BOUNDARY |
|  | POST EXCAVATION SAMPLE-BOTTOM |
|  | POST EXCAVATION SAMPLE-WALL & OTHER |
|  | SLURRY WALL |
|  | LINER EXTENT |
|  | CONTOUR LINE |
|  | VEGETATION |
|  | TREES |
|  | GOLF TRAP |



CB&I Environmental & Infrastructure, Inc.
200 Horizon Center Boulevard
Trenton, New Jersey 08691

PPG INDUSTRIES, INC.
JERSEY CITY, NEW JERSEY

FIGURE 2
AREA OF DISTURBANCE
SITE 112A
LINDEN AVENUE EAST
JERSEY CITY, NEW JERSEY

DESIGNED BY:
M. King

DRAWN BY:
A.Y.

CHECKED BY:
M. King

APPROVED BY:

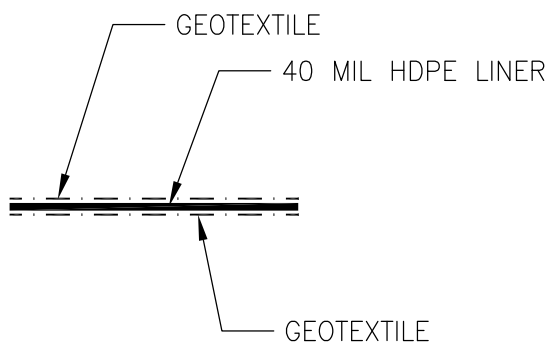
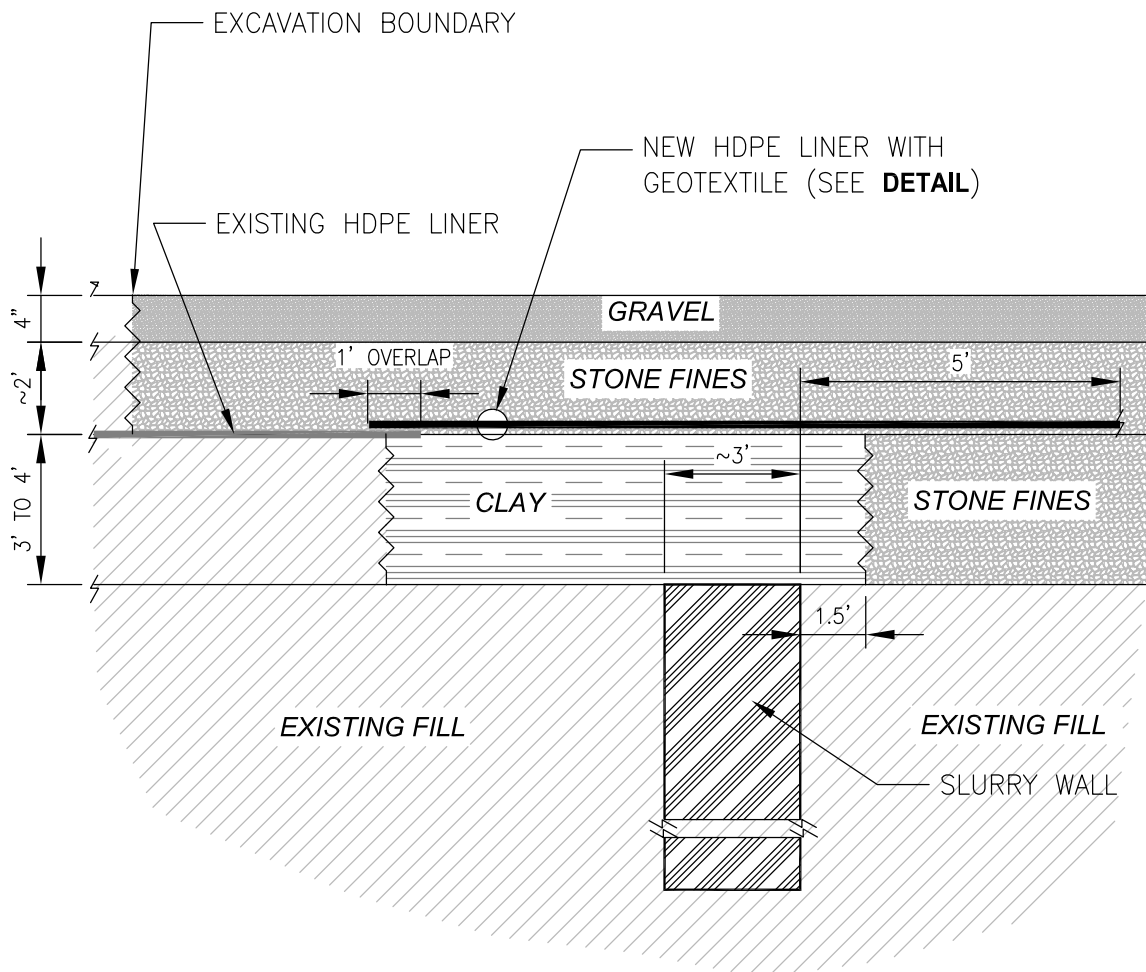
DATE:
2/3/15

SCALE:	DRAWING NO.
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SHEET NO.

C-1

XREF Files: IMAGE Files: isopachTknMap\CFkairs.png
 File678: \Project\146429-PPG\SITE_016\146429-D7-2.dwg
 P601 (2016)trm: 5.dwg 75L0R05 WALL.jpgm
 Plotted By: Andrius.Yonavicius



DETAIL



CB&I Environmental & Infrastructure, Inc.
200 Horizon Center Boulevard
Trenton, New Jersey 08691

DESIGNED BY:

M. King

DRAWN BY:

A. Y.

CHECKED BY:

M. King

APPROVED BY:

--

DATE:

1/27/15

SCALE:

N.T.S.

DRAWING NO.

146429-D7-2

FIGURE NO.

3

CCPW CONTAINMENT CELL BREACH
REPAIR DETAIL

SITE 016
45 LINDEN AVENUE EAST
JERSEY CITY, NEW JERSEY

Attachment A
Photographs





























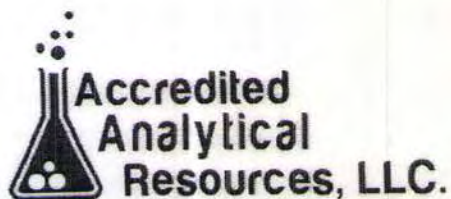
Attachment B

Clay Patch Documentation

20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 969-6112 FAX (732) 541-1383
accreditedanalytical.com

STATE AGENCY NJ NY PA CT DE OTHER _____	
PROJECT	
CONTACT	Kew nagy
PHONE	732-522-0204
FAX	732-634-0609
E-MAIL	KNAGY@ALMAS.CONTRACTORS.COM

		AAR QUOTE #	
COMMENTS		AAR CASE #	1400101
		PO. #	



ALMASI CONTRACTORS

184 Main Street

WOODBIDGE NJ, 07095

Project: No Project

Project Manager: Ken Nagy

Reported:

01/24/2014 16:20

Analytical Report for Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEWAREN	1400101-01	Soil	01/16/2014 00:00	01/17/2014 07:45
ZAK PIT	1400101-02	Soil	01/16/2014 00:00	01/17/2014 07:45
RATIAN CENTER	1400101-03	Soil	01/16/2014 00:00	01/17/2014 07:45

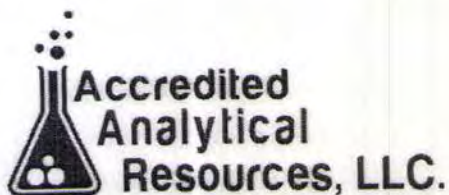
Notes and Definitions

U	Analyte included in the analysis, but not detected
J	Indicates estimated value for TICs and all results when detected below the RL
E	Concentration exceeds calibration range
ND	Indicates compound analyzed for but not detected
U	Indicates compound analyzed for but not detected
dry	Sample results reported on a dry weight basis
RL	Reporting Limit
MDL	Method Detection Limit

Accredited Analytical Resources LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Daniel Miguel, Technical Director



ALMASI CONTRACTORS
184 Main Street
WOODBRIIDGE NJ, 07095

Project: No Project
Project Manager: Ken Nagy

Reported:
01/24/2014 16:20

Methodology Summary

EPA 6010B

A 1-5 gram portion of soil is digested with nitric acid and hydrogen peroxide. The digestate is then refluxed with either nitric acid or hydrochloric acid. The basis of ICAP method is the measurement of atomic emission by an optical spectroscopy technique. The ICAP technique is specified in Method 6010B.

EPA 7471A

The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedure associated with the Cold Vapor technique is derived from EPA Method 7470A.

EPA 8081/8082

A 30g portion of soil is mixed with anhydrous sodium sulfate and is serially extracted with 1:1 methylene chloride and acetone. The extract is dried and solvent/exchanged to hexane during concentration. A measured amount is injected onto a GC and the analytes are detected by an electron capture detector.

EPA 8260

An inert gas is purged through a 5g sample by EPA Method 5035. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. The sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC capillary column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

EPA 8270

A 30g portion of soil is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone mixture. The methylene chloride extract is dried and concentrated and a measured amount is injected onto a GC and the analytes are detected with a mass spectrometer.

EPA 9014

A representative portion of sample is weighed and placed into a cyanide distillation apparatus. The cyanide as hydrocyanic acid is released from cyanide complexes by means of a reflux-distillation operation and absorbed in a scrubber containing sodium hydroxide solution. The cyanide ion in the absorbing solution is then determined colorimetrically.

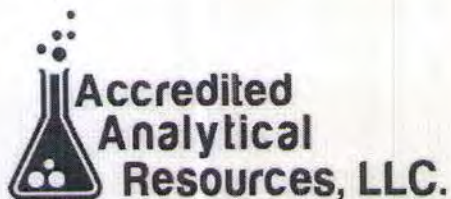
SM 2540 G

A representative 5-10 grams of solid sample is placed in a preweighed weighing dish. The sample is dried in an oven at 103-105°C for 12-24 hrs. Alternatively the constant weight of dried sample is attained for the drying period less than 12 hrs. The remaining weight of sample after drying to the original weight expressed in percentage is determined as percent solid.

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Daniel Miguel, Technical Director



ALMASI CONTRACTORS
184 Main Street
WOODBIDGE NJ, 07095

Project: No Project
Project Manager: Ken Nagy

Reported:
01/24/2014 16:20

Client ID: RATIAN CENTER

Lab ID: 1400101-03 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Volatile Organic Compounds EPA Method SW846 8260

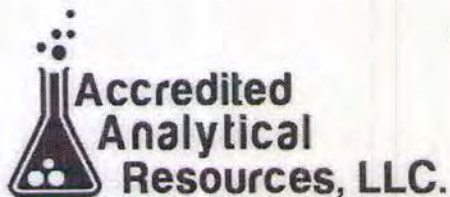
Sample Prepared by Method: EPA 5035A

107-02-8	Acrolein	ND	7.11	11.8	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
107-13-1	Acrylonitrile	ND	2.37	11.8	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
67-64-1	Acetone	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-71-8	Dichlorodifluoromethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
74-87-3	Chloromethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-01-4	Vinyl chloride	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
74-83-9	Bromomethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-00-3	Chloroethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-69-4	Trichlorofluoromethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-35-4	1,1-Dichloroethene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-15-0	Carbon disulfide	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-09-2	Methylene Chloride	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
156-60-5	trans-1,2-Dichloroethene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-34-3	1,1-Dichloroethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
108-05-4	Vinyl acetate	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
590-20-7	2,2-Dichloropropane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
78-93-3	2-Butanone	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
156-59-4	cis-1,2-Dichloroethene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
67-66-3	Chloroform	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
74-97-5	Bromochloromethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
71-55-6	1,1,1-Trichloroethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
563-58-6	1,1-Dichloropropene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
56-23-5	Carbon Tetrachloride	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
107-06-2	1,2-Dichloroethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
71-43-2	Benzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
79-01-6	Trichloroethene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
78-87-5	1,2-Dichloropropane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U

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Daniel Miguel, Technical Director



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184 Main Street
WOODBIDGE NJ, 07095

Project: No Project
Project Manager: Ken Nagy

Reported:
01/24/2014 16:20

Client ID: RATIAN CENTER

Lab ID: 1400101-03 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Accredited Analytical Resources LLC

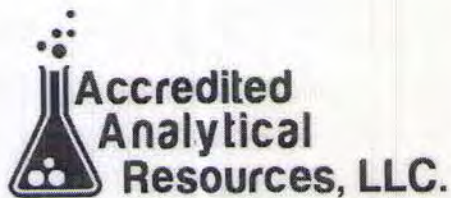
Volatile Organic Compounds EPA Method SW846 8260

75-27-4	Bromodichloromethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
74-95-3	Dibromomethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
108-88-3	Toluene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
79-00-5	1,1,2-Trichloroethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
108-10-1	4-Methyl-2-pentanone	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
106-93-4	1,2-Dibromoethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
591-78-6	2-Hexanone	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
142-28-9	1,3-Dichloropropane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
127-18-4	Tetrachloroethene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
124-48-1	Dibromochloromethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
100-41-4	Ethylbenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
108-90-7	Chlorobenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
108-38-3/106-4m,p-Xylenes		ND	2.37	4.74	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
95-47-6	o-Xylene	ND	2.37	4.74	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
100-42-5	Styrene	ND	1.18	4.74	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
75-25-2	Bromoform	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
98-82-8	Isopropylbenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
96-18-4	1,2,3-Trichloropropane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
103-65-1	n-Propyl Benzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
108-86-1	Bromobenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
95-49-8	2-Chlorotoluene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
106-43-4	4-Chlorotoluene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
98-06-6	tert-Butylbenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U

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Accredited Analytical Resources LLC

Volatile Organic Compounds EPA Method SW846 8260

95-63-6	1,2,4-Trimethylbenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
135-98-8	sec-Butylbenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
99-87-6	p-Isopropyltoluene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
541-73-1	1,3-Dichlorobenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
106-46-7	1,4-Dichlorobenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
104-51-8	n-Butyl Benzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
95-50-1	1,2-Dichlorobenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
87-68-3	Hexachlorobutadiene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.18	2.37	ug/kg dry	1	01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	U
Surrogate: 1,2-Dichloroethane-d4				104 %	70-121		01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	
Surrogate: Toluene-d8				96 %	81-117		01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	
Surrogate: Bromofluorobenzene				85 %	74-121		01/20/14 16:28	01/20/14 16:28/SCS	EPA 8260B	

Semivolatile Organic Compounds EPA Method SW846 8270

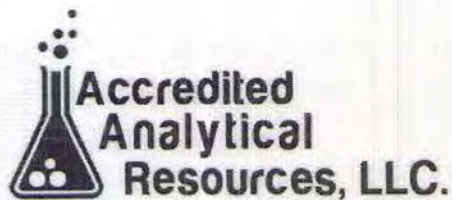
Sample Prepared by Method: EPA 3550B GCMS

62-75-9	N-Nitrosodimethylamine	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
108-95-2	Phenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
111-44-4	bis(2-chloroethyl)ether	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
95-57-8	2-Chlorophenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
541-73-1	1,3-Dichlorobenzene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
106-46-7	1,4-Dichlorobenzene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
100-51-6	Benzyl alcohol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
95-50-1	1,2-Dichlorobenzene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
95-48-7	2-Methylphenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
106-44-5	3 & 4-Methylphenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
621-64-7	N-Nitroso-di-n-propylamine	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U

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Project: No Project
Project Manager: Ken Nagy

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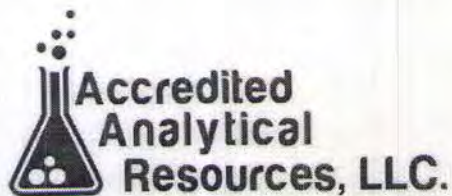
Client ID: RATIAN CENTER
Lab ID: 1400101-03 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
Accredited Analytical Resources LLC										
Semivolatile Organic Compounds EPA Method SW846 8270										
67-72-1	Hexachloroethane	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
98-95-3	Nitrobenzene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
78-59-1	Isophorone	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
88-75-5	2-Nitrophenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
105-67-9	2,4-Dimethylphenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
65-85-0	Benzoic acid	ND	98.3	395	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
111-91-1	bis(2-chloroethoxy)methane	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
120-83-2	2,4-Dichlorophenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
120-82-1	1,2,4-Trichlorobenzene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
91-20-3	Naphthalene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
106-47-8	4-Chloroaniline	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
87-68-3	Hexachlorobutadiene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
59-50-7	4-Chloro-3-methylphenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
91-57-6	2-Methylnaphthylene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
77-47-4	Hexachlorocyclopentadiene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
88-06-2	2,4,6-Trichlorophenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
95-95-4	2,4,5-Trichlorophenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
91-58-7	2-Chloronaphthalene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
88-74-4	2-Nitroaniline	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
131-11-3	Dimethylphthalate	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
208-96-8	Acenaphthylene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
99-09-2	3-Nitroaniline	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
83-32-9	Acenaphthene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
51-28-5	2,4-Dinitrophenol	ND	39.5	395	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
100-02-7	4-Nitrophenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
132-64-9	Dibenzofuran	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
606-20-2	2,6-Dinitrotoluene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
121-14-2	2,4-Dinitrotoluene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
84-66-2	Diethyl phthalate	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U

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184 Main Street
WOODBIDGE NJ, 07095

Project: No Project
Project Manager: Ken Nagy

Reported:
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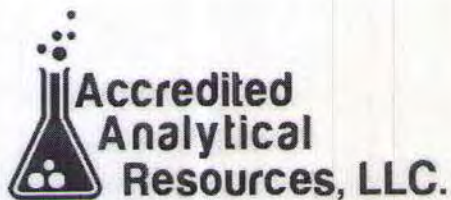
Client ID: RATIAN CENTER
Lab ID: 1400101-03 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
Accredited Analytical Resources LLC										
Semivolatile Organic Compounds EPA Method SW846 8270										
7005-72-3	4-Chlorophenyl-phenylether	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
86-73-7	Fluorene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
100-01-6	4-Nitroaniline	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
86-30-6	N-Nitrosodiphenylamine	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
101-55-3	4-Bromophenyl-phenylether	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
118-74-1	Hexachlorobenzene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
87-86-5	Pentachlorophenol	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
85-01-8	Phenanthrene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
120-12-7	Anthracene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
84-74-2	Di-n-butyl phthalate	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
206-44-0	Fluoranthene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
129-00-0	Pyrene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
85-68-7	Butylbenzylphthalate	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
91-94-1	3,3'-Dichlorobenzidine	ND	98.3	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
56-55-3	Benzo[a]anthracene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
218-01-9	Chrysene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
117-84-0	Di-n-octyl phthalate	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
205-99-2	Benzo[b]fluoranthene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
207-08-9	Benzo[k]fluoranthene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
50-32-8	Benzo[a]pyrene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
53-70-3	Dibenzo(a,h)anthracene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
191-24-2	Benzo[ghi]perylene	ND	39.5	198	ug/kg dry	1	01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	U
Surrogate: 2-Fluorophenol				65 %	25-121		01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	
Surrogate: Phenol-d5				65 %	24-113		01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	
Surrogate: Nitrobenzene-d5				68 %	23-120		01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	

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184 Main Street
WOODBIDGE NJ, 07095

Project: No Project
Project Manager: Ken Nagy

Reported:
01/24/2014 16:20

Client ID: RATIAN CENTER
Lab ID: 1400101-03 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Semivolatile Organic Compounds EPA Method SW846 8270

Surrogate: 2-Fluorobiphenyl		74 %	30-115			01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol		88 %	19-122			01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	
Surrogate: Terphenyl-d14		105 %	18-137			01/20/14 10:13	01/20/14 16:56/JMM	EPA 8270C	

EPA Method SW846 8081/8082

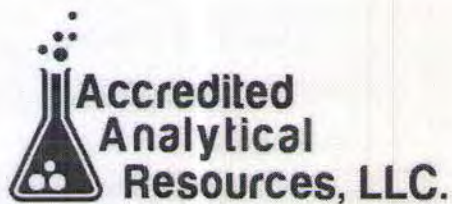
Sample Prepared by Method: EPA 3550B

319-84-6	alpha-BHC	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
319-85-7	beta-BHC	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
319-86-8	delta-BHC	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
58-89-9	gamma-BHC [Lindane]	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
76-44-8	Heptachlor	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
309-00-2	Aldrin	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
1024-57-3	Heptachlor Epoxide	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
959-98-8	Endosulfan I	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
60-57-1	Dieldrin	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
72-55-9	4,4'-DDE	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
72-20-8	Endrin	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
33213-65-9	Endosulfan II	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
72-54-8	4,4'-DDD	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
1031-07-8	Endosulfan sulfate	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
50-29-3	4,4'-DDT	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
72-43-5	Methoxychlor	ND	7.89	7.89	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
53494-70-5	Endrin ketone	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
7421-93-4	Endrin aldehyde	ND	1.58	1.58	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
5103-71-9	alpha-Chlordane	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
5566-34-7	gamma-Chlordane	ND	0.782	0.782	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
8001-35-2	Toxaphene	ND	39.5	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
12674-11-2	Aroclor-1016	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U
11104-28-2	Aroclor-1221	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082 U

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WOODBRIIDGE NJ, 07095

Project: No Project
Project Manager: Ken Nagy

Reported:
01/24/2014 16:20

Client ID: RATIAN CENTER
Lab ID: 1400101-03 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Accredited Analytical Resources LLC

EPA Method SW846 8081/8082

11141-16-5	Aroclor-1232	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	U
53469-21-9	Aroclor-1242	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	U
12672-29-6	Aroclor-1248	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	U
11097-69-1	Aroclor-1254	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	U
11096-82-5	Aroclor-1260	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	U
37324-23-5	Aroclor-1262	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	U
11100-14-4	Aroclor-1268	ND	19.7	39.5	ug/kg dry	1	01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	U
Surrogate: Tetrachloro-m-xylene				98.1 %	30-150		01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	
Surrogate: Tetrachloro-m-xylene				92.9 %	30-150		01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	
Surrogate: Decachlorobiphenyl				96.2 %	30-150		01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	
Surrogate: Decachlorobiphenyl				93.5 %	30-150		01/21/14 09:26	01/22/14 15:16/JAM	EPA 8081A/8082	

Total Metals by EPA Method SW846 6010B

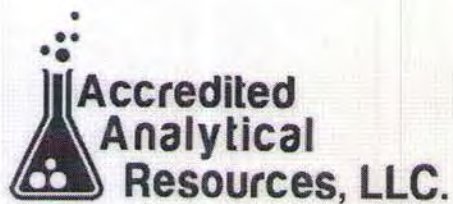
Sample Prepared by Method: EPA 3050B

7429-90-5	Aluminum	2170	23.7	23.7	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7440-36-0	Antimony	ND	7.11	7.11	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	U
7440-38-2	Arsenic	2.26	1.18	1.18	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7440-39-3	Barium	31.1	23.7	23.7	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7440-41-7	Beryllium	ND	0.592	0.592	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	U
7440-43-9	Cadmium	ND	0.592	0.592	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	U
7440-70-2	Calcium	6000	29.6	29.6	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7440-47-3	Chromium	42.4	2.37	2.37	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7440-48-4	Cobalt	ND	5.92	5.92	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	U
7440-50-8	Copper	14.9	3.55	3.55	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7439-89-6	Iron	7450	29.6	29.6	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7439-92-1	Lead	7.46	1.18	1.18	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7439-95-4	Magnesium	1950	59.2	59.2	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7439-96-5	Manganese	514	2.37	2.37	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	

Accredited Analytical Resources LLC

Daniel Miguel, Technical Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



ALMASI CONTRACTORS
184 Main Street
WOODBRIIDGE NJ, 07095

Project: No Project
Project Manager: Ken Nagy

Reported:
01/24/2014 16:20

Client ID: RATIAN CENTER
Lab ID: 1400101-03 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
-------	---------	--------	-----	----	-------	----------	---------------	------------------	--------	-------

Accredited Analytical Resources LLC

Total Metals by EPA Method SW846 6010B

7440-02-0	Nickel	ND	4.74	4.74	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	U
7440-09-7	Potassium	195	59.2	59.2	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7782-49-2	Selenium	ND	4.74	4.74	mg/kg dry	1	01/20/14 08:31	01/22/14 14:42/LIT	EPA 6010B	U
7440-22-4	Silver	ND	1.18	1.18	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	U
7440-23-5	Sodium	59.5	59.2	59.2	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7440-28-0	Thallium	ND	1.78	3.55	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	U
7440-62-2	Vanadium	26.1	5.92	5.92	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	
7440-66-6	Zinc	12.0	7.11	7.11	mg/kg dry	1	01/20/14 08:31	01/21/14 13:04/LIT	EPA 6010B	

Total Mercury by SW846 7471

Sample Prepared by Method:EPA 7471A

7439-97-6	Mercury	ND	0.0889	0.0889	mg/kg dry	1	01/20/14 06:20	01/20/14 15:04/STM	EPA 7471A	
-----------	---------	----	--------	--------	-----------	---	----------------	--------------------	-----------	--

Wet Chemistry

Sample Prepared by Method:EPA 9010C

NA	Cyanide (total)	ND	1.18	1.18	mg/kg dry	1	01/24/14 09:30	01/24/14 16:16/JAD	EPA 9014	
----	-----------------	----	------	------	-----------	---	----------------	--------------------	----------	--

Sample Prepared by Method:Percent Solids

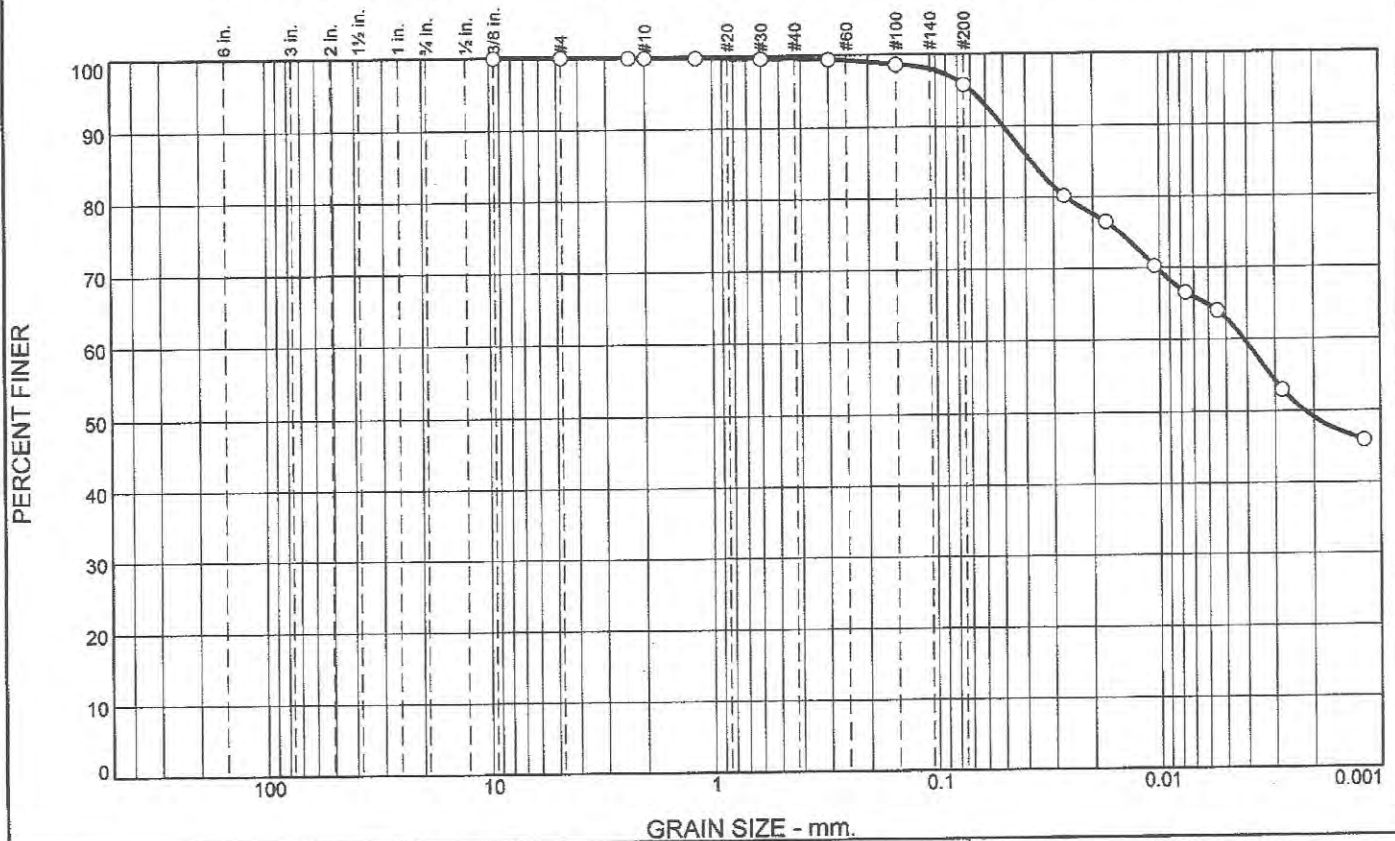
NA	Percent Solids	84.4	0.100	0.100	%	1	01/20/14 10:00	01/21/14 10:00/CMD	SM 2540 G	
----	----------------	------	-------	-------	---	---	----------------	--------------------	-----------	--

Accredited Analytical Resources LLC

Daniel Miguel, Technical Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Particle Size Distribution Report AASHTO T-27



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.2	0.2	3.8	32.8	63.0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8	100.0		
#4	100.0		
#8	99.9		
#10	99.8		
#16	99.7		
#30	99.6		
#50	99.4		
#100	98.6		
#200	95.8		

* (no specification provided)

Material Description

Brown in color, lean clay.

Atterberg Limits

PL= 20

LL= 38

PI= 18

Coefficients

D₉₀= 0.0501

D₈₅= 0.0375

D₆₀= 0.0042

D₅₀= 0.0022

D₃₀=

D₁₅=

D₁₀=

C_u=

C_c=

Classification

USCS= CL

AASHTO= A-6(18)

Remarks

Sample was collected by Mr. Jesus on 08/06/13 and tested on 08/08/13. In-Situ %MC=7.3

F.M.=0.03

Source of Sample: Off-Site material
Sample Number: S-5

Depth: N/A

Date: 08/09/2013

ANS CONSULTANTS, INC.

Client: Conti Enterprises

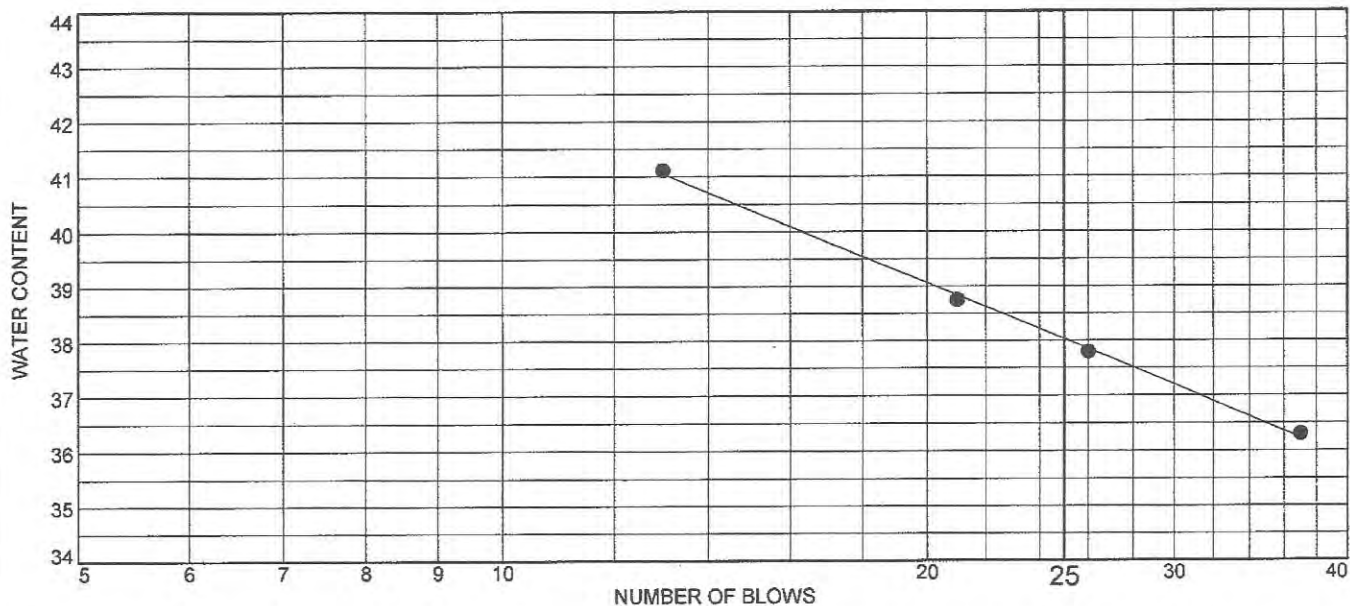
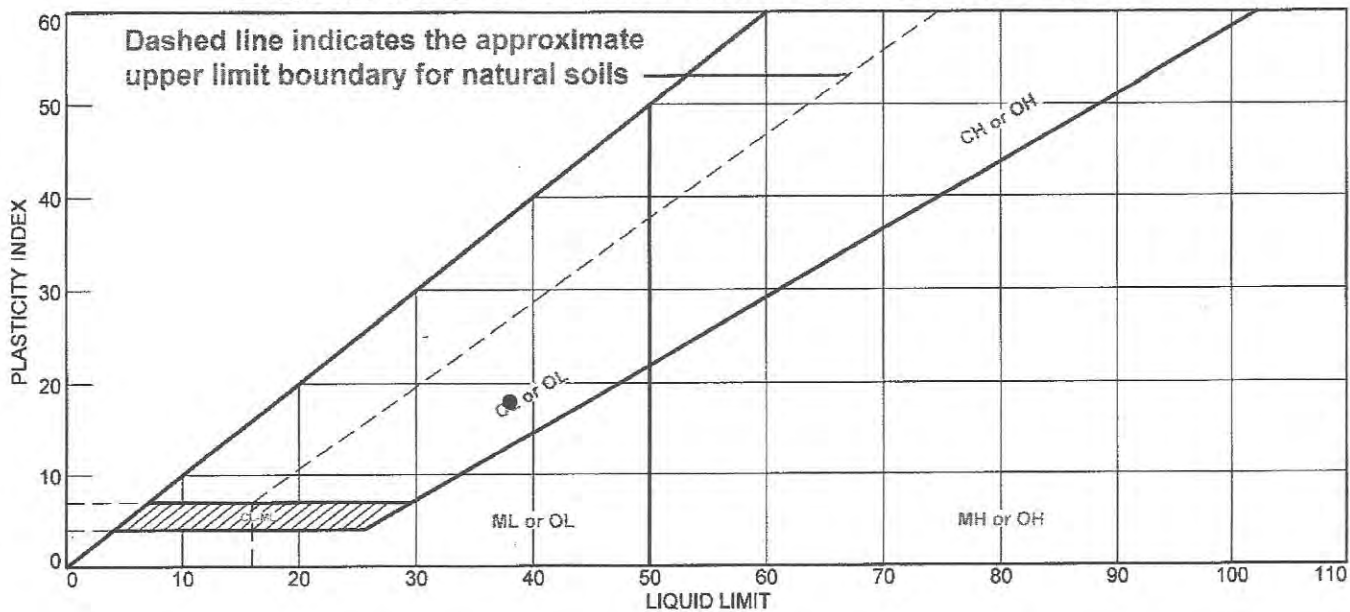
Project: Conti Exxon Mobil, Linden, NJ Job # 1302300

South Plainfield, New Jersey

Project No: AOZ-576

Figure 5 F 1

LIQUID AND PLASTIC LIMITS TEST REPORT



MATERIAL DESCRIPTION		LL	PL	PI	%<#40	%<#200	USCS
•	Brown in color. lean clay.	38	20	18	99.6	95.8	CL

Project No. AOZ-576 Client: Conti Enterprises Project: Conti Exxon Mobil, Linden, NJ Job # 1302300 Source of Sample: Off-Site material Depth: N/A Sample Number: S-5	Remarks: <div style="text-align: right;">Figure 5 F 4</div>
<div style="text-align: center;"> ANS CONSULTANTS, INC. South Plainfield, New Jersey </div>	

Tested By: Hashmi



CONSULTANTS, INC.
4405 South Clinton Avenue
South Plainfield, NJ 07080

Tel: (800) 545-ATUL
(908) 754-8383
Fax: (908) 754-8633

NJ EDA Approved Testing Laboratory • MBE/DBE Certified • NJ DEP Certified
www.ANSConsultants.net

Soil, Concrete, Masonry, Rebar, Asphalt, Structural Steel, Precast, Piles, Caissons, Fire-proofing, Roofing, Soil Boring, Concrete/Rock Coring, UST Removal, Environmental Testing & Reports

CERTIFICATE OF TEST AND ANALYSIS

CLIENT : Conti Enterprises, Inc.
1 Craigwood Road
South Plainfield, NJ 07080

DATE : 08/10/2013

FILE No. : AOZ-576

Attn.: Mr. Doug

PROJECT : Conti Exxon Mobil
Linden, NJ
Job # 1302300

REPORT NO. : S - 5

MATERIAL DESCRIPTION: Red in color. Lean clay.

SAMPLE COLLECTED ON : Collected by Mr. Jesus on 08/10/2013

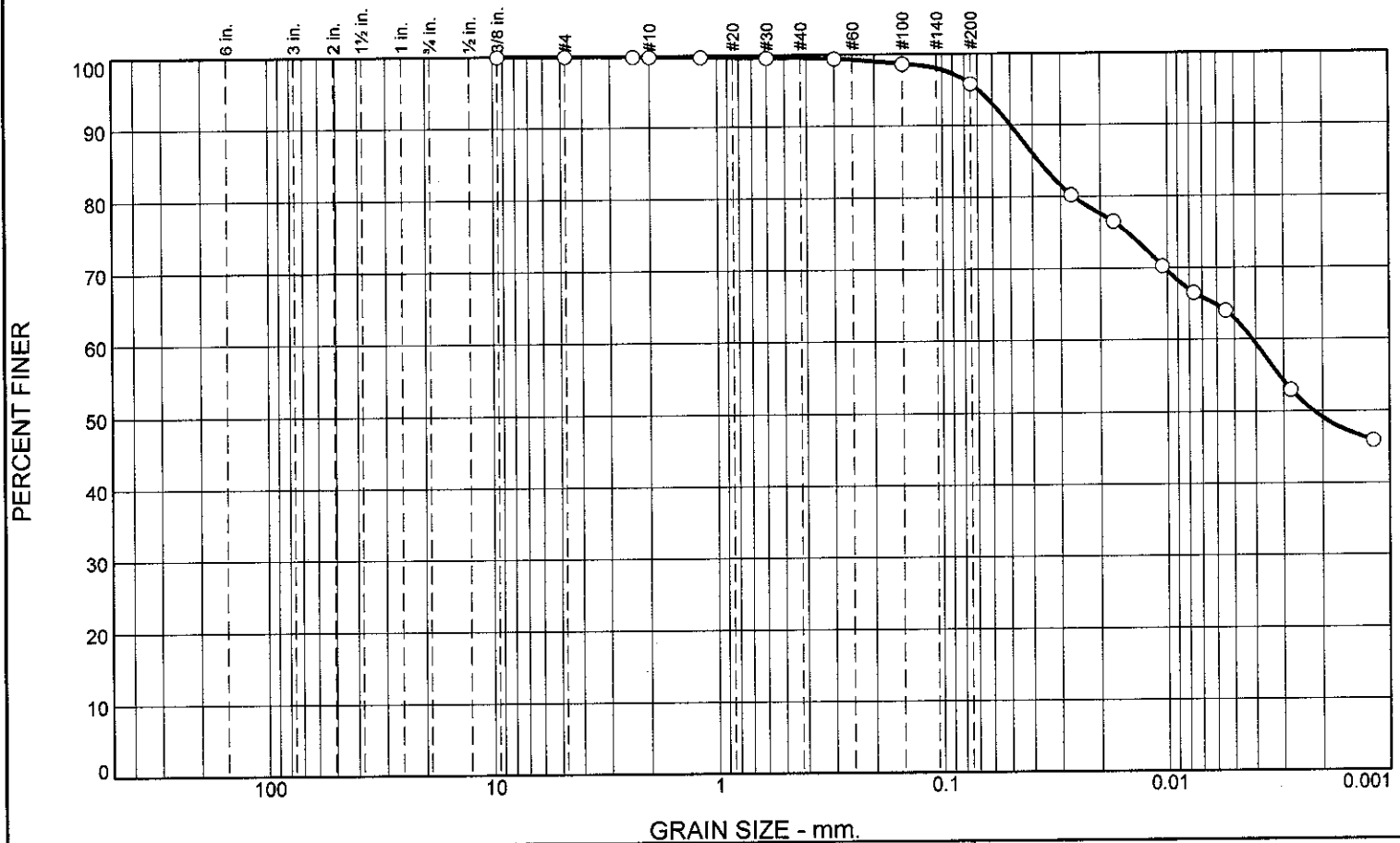
TEST PERFORMED : Standard Test Method for Permeability
as per ASTM-D 5084

Report No.	Maximum dry density pcf	Compacted @ Optimum M/C	Permeability cm/sec @ pressure 5 psi	Permeability rating
S - 5	106.4 pcf @ 19.1 %	17.0 %	4.18×10^{-08} cm/sec 5.92×10^{-05} in/hr	K0

"ANSwers to your construction inspection and testing needs."

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Particle Size Distribution Report AASHTO T-27



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.2	0.2	3.8	32.8	63.0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8	100.0		
#4	100.0		
#8	99.9		
#10	99.8		
#16	99.7		
#30	99.6		
#50	99.4		
#100	98.6		
#200	95.8		

* (no specification provided)

Source of Sample: Off-Site material
Sample Number: S-5

Depth: N/A

Date: 08/09/2013

Material Description

Brown in color, lean clay.

Atterberg Limits

PL= 20

LL= 38

PI= 18

Coefficients

D₉₀= 0.0501

D₈₅= 0.0375

D₆₀= 0.0042

D₅₀= 0.0022

D₃₀=

D₁₅=

D₁₀=

C_u=

C_c=

Classification

USCS= CL

AASHTO= A-6(18)

Remarks

Sample was collected by Mr. Jesus on 08/06/13 and tested on 08/08/13. In-Situ %MC=7.3

F.M.=0.03

ANS CONSULTANTS, INC.

Client: Conti Enterprises

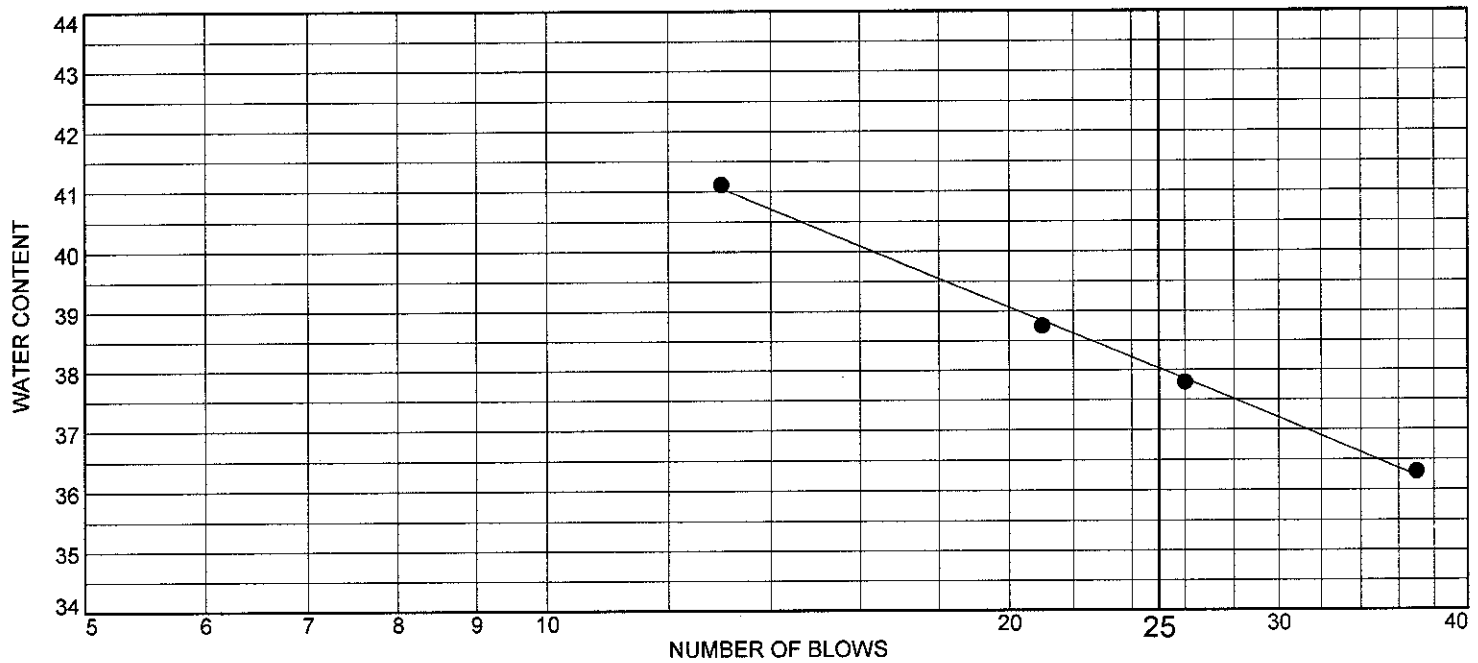
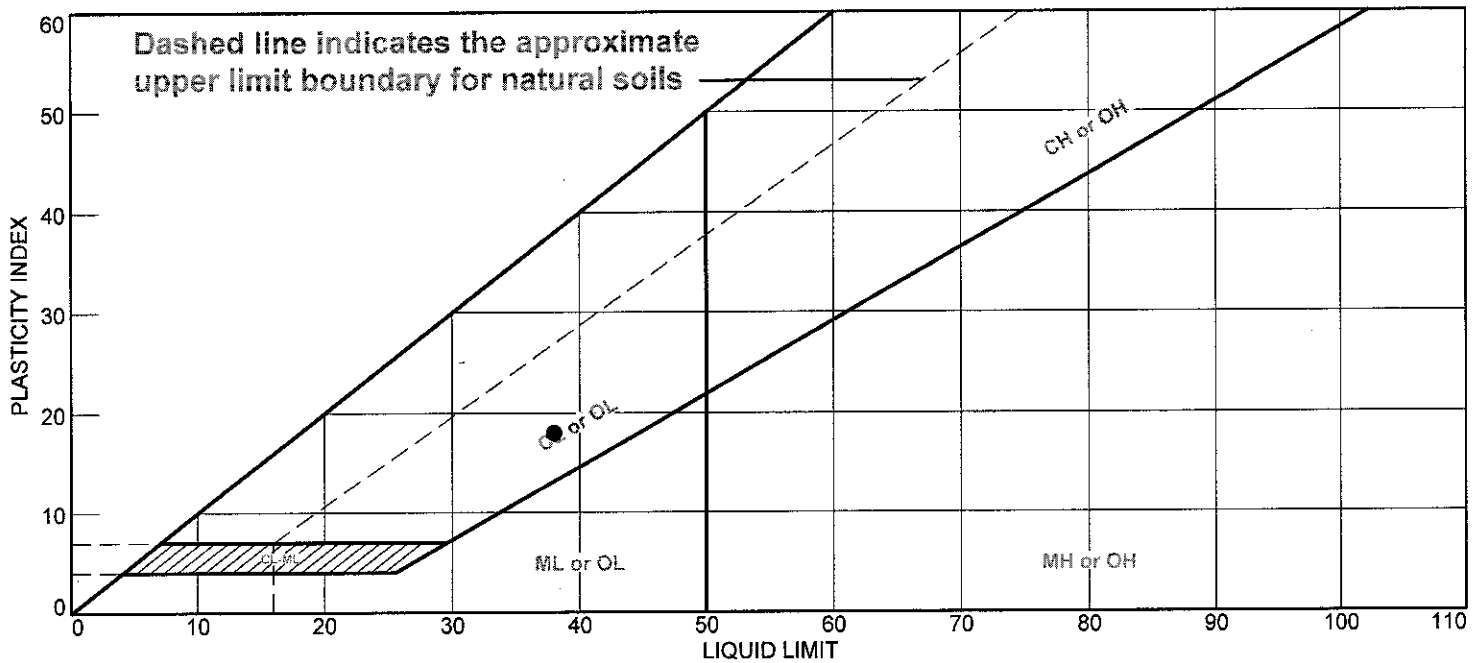
Project: Conti Exxon Mobil, Linden, NJ Job # 1302300

South Plainfield, New Jersey

Project No: AOZ-576

Figure 5 F 1

LIQUID AND PLASTIC LIMITS TEST REPORT



MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
Brown in color. lean clay.	38	20	18	99.6	95.8	CL

Project No. AOZ-576 Client: Conti Enterprises

Project: Conti Exxon Mobil, Linden, NJ Job # 1302300

Source of Sample: Off-Site material Depth: N/A

Sample Number: S-5

ANS CONSULTANTS, INC.

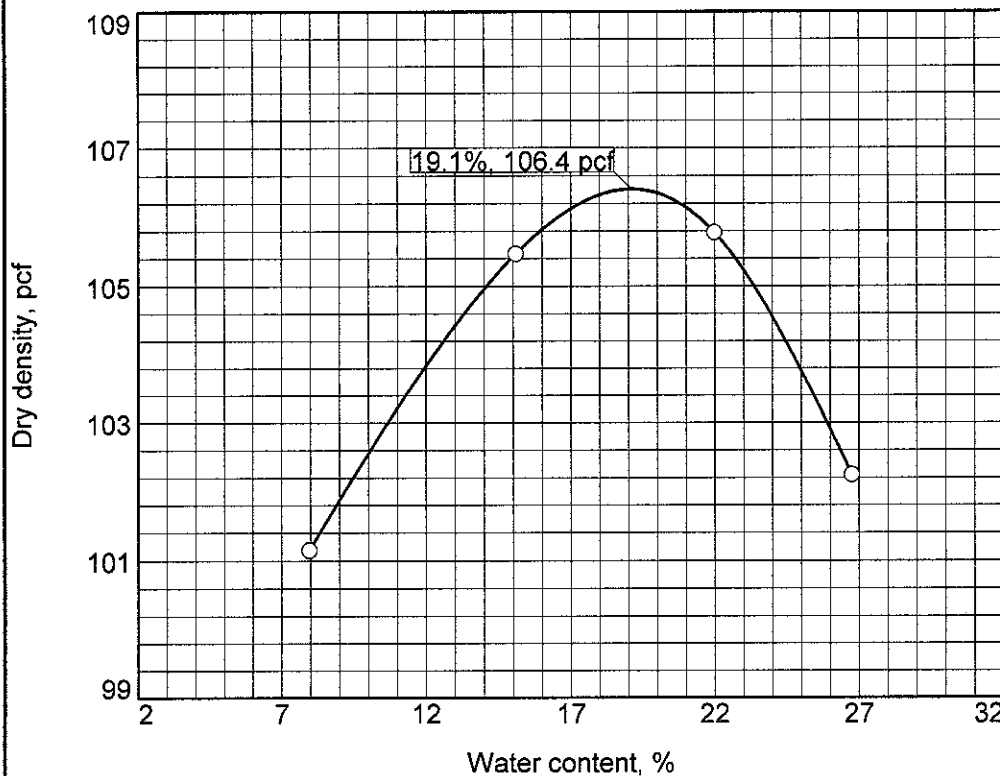
South Plainfield, New Jersey

Remarks:

Figure 5 F 4

Tested By: Hashmi

COMPACTION TEST REPORT



Curve No.
S-4

Test Specification:

ASTM D 1557-00 Method C Modified

Hammer Wt.: 10 lb.

Hammer Drop: 18 in.

Number of Layers: five

Blows per Layer: 56

Mold Size: 0.075 cu. ft.

Test Performed on Material

Passing 3/4 in. **Sieve**

Soil Data

NM _____ **Sp.G.** _____

LL 38 **PI** 18

%>3/4 in. 0.0 **%<#200** 95.8

USCS CL **AASHTO** A-6(18)

TESTING DATA

	1	2	3	4	5	6
WM + WS	22.56	23.48	24.05	24.09		
WM	14.37	14.37	14.37	14.37		
WW + T #1	638.0	767.3	665.9	873.8		
WD + T #1	591.0	666.7	545.9	689.4		
TARE #1	0.0	0.0	0.0	0.0		
WW + T #2						
WD + T #2						
TARE #2						
MOISTURE	8.0	15.1	22.0	26.7		
DRY DENSITY	101.2	105.5	105.8	102.2		

TEST RESULTS

Maximum dry density = 106.4 pcf

Optimum moisture = 19.1 %

Material Description

Brown in color. lean clay.

Project No. AOZ-576 **Client:** Conti Enterprises

Project: Conti Exxon Mobil, Linden, NJ Job # 1302300

○ **Source:** Off-Site material **Depth:** N/A **Sample No.:** S-5

ANS CONSULTANTS, INC.

South Plainfield, New Jersey

Remarks:

Sample was collected by Mr. Jesus on 08/06/13 and tested on 08/07/13.

Figure 5 F 2

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 015150

ALMASI CONTRACTORS, LLC
TRUCKING, EXCAVATING AND MATERIALS
63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

SOLD TO:

12/31/14

EXTRACT
45 LINDEN AVE East
PO# Jersey City

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN.		
1 LD	FILL	Red Clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. 11612 Driver's Name John
Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection
costs as well as any charges for returned checks.

Customer's Acceptance: [Signature]
NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES ☐

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 027256

ALMASI CONTRACTORS, LLC
TRUCKING, EXCAVATING AND MATERIALS
63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

SOLD TO:

12/31/14

PO#

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN.		
25 T	FILL	Red Clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. 13 (Rhino) Driver's Name Christian Pinto
Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection
costs as well as any charges for returned checks.

Customer's Acceptance:

NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES

TELEPHONE 732-634-0741
FAX# 732-634-0604

008222 D 008222

ALMASI CONTRACTORS, LLC
TRUCKING, EXCAVATING AND MATERIALS
63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

12/31/14

SOLD TO:

Entact
45 Linden Ave East
PO# Jersey City

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN.		
1 LOAD	FILL	Red Clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. 6(MAD) Driver's Name Mike Aubly
Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection
costs as well as any charges for returned checks.

Customer's Acceptance:

NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 008220

ALMASI CONTRACTORS, LLC
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63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

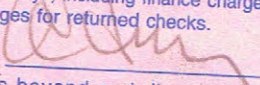
12/31/14

SOLD TO:

Entact
45 Linden Ave
PO# Jersey City

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN.		
25 T	FILL	Red clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. 6 (MAD) Driver's Name Mike Aubry
Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection
costs as well as any charges for returned checks.

Customer's Acceptance: 

NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES ☐

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 027254

ALMASI CONTRACTORS, LLC
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Established 1926

DATE

SOLD TO:

12/31/14

Entact
45 Linden Ave East
Jersey City
PO#

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN.		
257	FILL	Red Clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. 13(Rhino) Driver's Name Christian Pinto
Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection costs as well as any charges for returned checks.

Customer's Acceptance: [Signature]

NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 015148

ALMASI CONTRACTORS, LLC
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63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

SOLD TO:

12/31/14

ENTACT
45 L. L. Ave East
Jersey City

PO#

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN		
1 LD	FILL	Red Clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. NAG82 Driver's Name John

Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection
costs as well as any charges for returned checks.

Customer's Acceptance: [Signature]
NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 027255

ALMASI CONTRACTORS, LLC
TRUCKING, EXCAVATING AND MATERIALS
63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

SOLD TO:

12/31/14

PO#

Enfact
45 Linden Ave East
Jersey City

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN		
25T	FILL		TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. 13(Rhino) Driver's Name Christian Parlo
Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection
costs as well as any charges for returned checks.

Customer's Acceptance:

NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES ☐

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 008221

ALMASI CONTRACTORS, LLC
TRUCKING, EXCAVATING AND MATERIALS
63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

SOLD TO:

12/31/14

Entect
415 Linden Ave East
PO# Jersey City

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR. MIN.		
1 LOAD	FILL	Red clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TIL <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. 6 (MAD) Driver's Name Mike Ausly
Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection
costs as well as any charges for returned checks.

Customer's Acceptance:

NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES

TELEPHONE 732-634-0741
FAX# 732-634-0604

D 015149

ALMASI CONTRACTORS, LLC
TRUCKING, EXCAVATING AND MATERIALS
63 METUCHEN AVE, WOODBRIDGE, NJ 07095
Established 1926

DATE

SOLD TO:

12/31/14

ENTACT

45 LINDEN AVE East.

PO# JERSEY CITY

QUANTITY	MATERIAL	TYPE	MILES	TIME	
					LOADED
	REMOVED				DUMPED
	SAND		WAITING TIME : HR MIN		
1 CD	FILL	Red Clay	TRUCK RENTAL HRS.		
	STONE		COD AMOUNT Pd.		
GROSS			CHECK NUMBER		
TARE			PIT: RC <input type="checkbox"/> BI <input type="checkbox"/> SY <input type="checkbox"/>		
NET			AA <input type="checkbox"/> ST <input type="checkbox"/> TI <input type="checkbox"/> FW <input type="checkbox"/> TR <input type="checkbox"/>		
			OTHER		

Truck No. NAGP #2 Driver's Name John

Materials hereby sold become the property of the purchaser at the point of delivery.
Signature of the delivery ticket by consignee's agent shall constitute
Agreement to pay within 30 days, including finance charges, late fees and collection costs as well as any charges for returned checks.

Customer's Acceptance: [Signature]

NOTE: All deliveries beyond curb line at Consignee's risk only.
WAITING TIME WILL BE CHARGED AFTER 10 MINUTES

Attachment C
Geotextile Documentation



Sales Office:
Engineered Synthetic Products, Inc.
Tel (770) 564-1857
Fax (770) 564-1818
www.espgeosynthetics.com

Geotextile Product Description Sheet

SKAPS GT-110 Nonwoven Geotextile

SKAPS GT-110 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-110 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SKAPS GT-110 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D 5261	oz/yd ² (g/m ²)	10.0 (339)
Grab Tensile	ASTM D 4632	lbs (kN)	250 (1.11)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	100 (0.444)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	700 (3.11)
Permittivity*	ASTM D 4491	sec ⁻¹	1.2
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	80 (3251)
AOS*	ASTM D 4751	US Sieve (mm)	100 (0.150)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	12.5 x 360 / 15 x 300
Square Yards Per Roll	500
Estimated Roll Weight - lbs	320

* At the time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.

SKAPS Industries,
335 Athena Dr, Athens, GA 30601,
Phone:(706)-354-3700, Fax(706)-354-3737,
www.skaps.com

Made in U.S.A.

Attachment D

HDPE Liner Documentation

PROPERTY	TEST METHOD	FREQUENCY ⁽¹⁾	UNIT Imperial	Solmax 440-1000
SPECIFICATIONS				
Thickness (min. avg.)	ASTM D-5199	Every roll	mils	40.0
Thickness (min.)	ASTM D-5199	Every roll	mils	36.0
Resin Density	ASTM D-1505	1/Batch	g/cc	> 0.932
Melt Index - 190/2.16 (max.)	ASTM D-1238	1/Batch	g/10 min	1.0
Sheet Density (8)	ASTM D-1505	Every 2 rolls	g/cc	≥ 0.940
Carbon Black Content (9)	ASTM D-4218	Every 2 rolls	%	2.0 - 3.0
Carbon Black Dispersion	ASTM D-5596	Every 6 rolls	Category	Cat. 1 & Cat. 2
OIT - standard (avg.)	ASTM D-3895	1/Batch	min	100
Tensile Properties (min. avg) (2)	ASTM D-6693	Every 2 rolls		
Strength at Yield			ppi	84
Elongation at Yield			%	13
Strength at Break			ppi	162
Elongation at Break			%	700
Tear Resistance (min. avg.)	ASTM D-1004	Every 6 rolls	lbf	28
Puncture Resistance (min. avg.)	ASTM D-4833	Every 6 rolls	lbf	80
Dimensional Stability	ASTM D-1204	Every 6 rolls	%	± 2
Stress Crack Resistance (SP-NCTL)	ASTM D-5397	1/Batch	hr	400
Oven Aging - % retained after 90 days	ASTM D-5721	Per formulation		
HP OIT (min. avg.)	ASTM D-5885		%	80
UV Resistance - % retained after 1600 hr	GRI-GM-11	Per formulation		
HP-OIT (min. avg.)	ASTM D-5885		%	50
SUPPLY SPECIFICATIONS (Roll dimensions may vary ±1%)				
Roll Dimension - Width	-		ft	22.3
Roll Dimension - Length	-		ft	780
Area (Surface/Roll)	-		sf	17,394

NOTES

- Testing frequency based on standard roll dimensions and one batch is approximately 180,000 lbs (or one railcar).
- Correlation table is available for ASTM D792 vs ASTM D1505. Both methods give the same results.
- Correlation table is available for ASTM D1603 vs ASTM D4218. Both methods give the same results.
- Machine Direction (MD) and Cross Machine Direction (XMD or TD) average values should be on the basis of 5 specimens each direction.

* All values are nominal test results, except when specified as minimum or maximum.

* The information contained herein is provided for reference purposes only and is not intended as a warranty of guarantee. Final determination of suitability for use contemplated is the sole responsibility of the user. SOLMAX assumes no liability in connection with the use of this information.

Attachment E
Clean Fill Cap Documentation

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

10

96.96 TONS

NET WT. 15.30

GROSS WT. 11.65

QUARRY PROCESS

PRODUCT CODE

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO.

8147-B SITE#4

ZONE

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

125919

MANUAL WEIGHTS

TICKET NO.

90342

DISPATCH

DATE

01/05/15

TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

128611

TRUCK NO.

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

128611

MANUAL WEIGHTS

TICKET NO.

90342

DISPATCH

DATE

01/05/15

TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

10

96.96 TONS

NET WT. 15.30

GROSS WT. 11.65

QUARRY PROCESS

PRODUCT CODE

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO.

8147-B SITE#4

ZONE

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

125919

MANUAL WEIGHTS

TICKET NO.

90342

DISPATCH

DATE

01/05/15

TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

128611

TRUCK NO.

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

128611

MANUAL WEIGHTS

TICKET NO.

90342

DISPATCH

DATE

01/05/15

TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

10

96.96 TONS

NET WT. 15.30

GROSS WT. 11.65

QUARRY PROCESS

PRODUCT CODE

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO.

8147-B SITE#4

ZONE

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

125919

MANUAL WEIGHTS

TICKET NO.

90342

DISPATCH

DATE

01/05/15

TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

128611

TRUCK NO.

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

128611

MANUAL WEIGHTS

TICKET NO.

90342

DISPATCH

DATE

01/05/15

TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

10

96.96 TONS

NET WT. 15.30

GROSS WT. 11.65

QUARRY PROCESS

PRODUCT CODE

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO.

8147-B SITE#4

ZONE

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

125919

MANUAL WEIGHTS

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DATE

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TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

128611

TRUCK NO.

TRUCKER NAME

ENTRICK, LLC

22753/005

16-45 LINDEN AVE./J CITY

JERSEY CITY, NJ

TRUCK NO.

128611

MANUAL WEIGHTS

TICKET NO.

90342

DISPATCH

DATE

01/05/15

TIME

10:53

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILSON MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

90342

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

WEIGHMASTER NAME: *[Signature]*

LOCATION WHERE WEIGHED: *[Signature]*

LOADS: 3

PRODUCT CODE	PRODUCT	AMOUNT	UNIT PRICE	EXTENSION
OP	QUARRY PROCESS	24.25		
	GROSS WGT.	14.69		
	TARE WGT.	24.25		
	NET WGT.	24.25		

P.O. NO. E8147-B SITE#4

ZONE:

CUSTOMER: 227253/005
ENTACT, LLC
16-45 LINDEN AVE E/CITY
JERSEY CITY
JOB: E8147-B SITE#4/1 BURMA RD
1 BURMA RD, JERSEY CITY
TRUCKER NAME: *[Signature]*
TRUCK NO. 129017
MANUAL WEIGHTS TICKET NO. 50701

DISPATCH: 01/08/15
DATE: 01/08/15
TIME: 09:00
ONCHIEF: (877) 333-4300
STATION: (908) 333-7640
ASPHALT: (908) 333-2331

FANWOOD CRUSHED STONE CO.
DIVISION OF WILSON MATERIALS, INC.
OFFICE: 141 CENTRAL AVE, WESTFIELD, N.J.
(908) 333-4444
Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

WEIGHMASTER NAME: *[Signature]*

LOCATION WHERE WEIGHED: *[Signature]*

LOADS: 3

PRODUCT CODE	PRODUCT	AMOUNT	UNIT PRICE	EXTENSION
OP	QUARRY PROCESS	24.25		
	GROSS WGT.	14.69		
	TARE WGT.	24.25		
	NET WGT.	24.25		

P.O. NO. E8147-C

ZONE:

CUSTOMER: 227253/004
ENTACT, LLC
16-45 LINDEN AVE E/CITY
JERSEY CITY
JOB: 16-45 LINDEN AVE E/CITY
JERSEY CITY
TRUCKER NAME: *[Signature]*
TRUCK NO. 129018
MANUAL WEIGHTS TICKET NO. 90702

DISPATCH: 01/08/15
DATE: 01/08/15
TIME: 09:00
ONCHIEF: (877) 333-4300
STATION: (908) 333-7640
ASPHALT: (908) 333-2331

FANWOOD CRUSHED STONE CO.
DIVISION OF WILSON MATERIALS, INC.
OFFICE: 141 CENTRAL AVE, WESTFIELD, N.J.
(908) 333-4444
Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

WEIGHMASTER NAME: *[Signature]*

LOCATION WHERE WEIGHED: *[Signature]*

LOADS: 3

PRODUCT CODE	PRODUCT	AMOUNT	UNIT PRICE	EXTENSION
OP	QUARRY PROCESS	24.25		
	GROSS WGT.	14.69		
	TARE WGT.	24.25		
	NET WGT.	24.25		

P.O. NO. E8147-C

ZONE:

CUSTOMER: 227253/004
ENTACT, LLC
16-45 LINDEN AVE E/CITY
JERSEY CITY
JOB: 16-45 LINDEN AVE E/CITY
JERSEY CITY
TRUCKER NAME: *[Signature]*
TRUCK NO. 129037
MANUAL WEIGHTS TICKET NO. 90701

DISPATCH: 01/08/15
DATE: 01/08/15
TIME: 09:00
ONCHIEF: (877) 333-4300
STATION: (908) 333-7640
ASPHALT: (908) 333-2331

FANWOOD CRUSHED STONE CO.
DIVISION OF WILSON MATERIALS, INC.
OFFICE: 141 CENTRAL AVE, WESTFIELD, N.J.
(908) 333-4444
Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

WEIGHMASTER NAME: *[Signature]*

LOCATION WHERE WEIGHED: *[Signature]*

LOADS: 3

PRODUCT CODE	PRODUCT	AMOUNT	UNIT PRICE	EXTENSION
OP	QUARRY PROCESS	24.25		
	GROSS WGT.	14.69		
	TARE WGT.	24.25		
	NET WGT.	24.25		

P.O. NO. E8147-C

ZONE:

CUSTOMER: 227253/004
ENTACT, LLC
16-45 LINDEN AVE E/CITY
JERSEY CITY
JOB: 16-45 LINDEN AVE E/CITY
JERSEY CITY
TRUCKER NAME: *[Signature]*
TRUCK NO. 129019
MANUAL WEIGHTS TICKET NO. 90703

DISPATCH: 01/08/15
DATE: 01/08/15
TIME: 09:00
ONCHIEF: (877) 333-4300
STATION: (908) 333-7640
ASPHALT: (908) 333-2331

FANWOOD CRUSHED STONE CO.
DIVISION OF WILSON MATERIALS, INC.
OFFICE: 141 CENTRAL AVE, WESTFIELD, N.J.
(908) 333-4444
Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

WEIGHMASTER NAME: *[Signature]*

LOCATION WHERE WEIGHED: *[Signature]*

LOADS: 3

PRODUCT CODE	PRODUCT	AMOUNT	UNIT PRICE	EXTENSION
OP	QUARRY PROCESS	24.25		
	GROSS WGT.	14.69		
	TARE WGT.	24.25		
	NET WGT.	24.25		

P.O. NO. E8147-C

ZONE:

CUSTOMER: 227253/004
ENTACT, LLC
16-45 LINDEN AVE E/CITY
JERSEY CITY
JOB: 16-45 LINDEN AVE E/CITY
JERSEY CITY
TRUCKER NAME: *[Signature]*
TRUCK NO. 129036
MANUAL WEIGHTS TICKET NO. 90704

DISPATCH: 01/08/15
DATE: 01/08/15
TIME: 09:00
ONCHIEF: (877) 333-4300
STATION: (908) 333-7640
ASPHALT: (908) 333-2331

FANWOOD CRUSHED STONE CO.
DIVISION OF WILSON MATERIALS, INC.
OFFICE: 141 CENTRAL AVE, WESTFIELD, N.J.
(908) 333-4444
Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

WEIGHMASTER NAME: *[Signature]*

LOCATION WHERE WEIGHED: *[Signature]*

LOADS: 3

PRODUCT CODE	PRODUCT	AMOUNT	UNIT PRICE	EXTENSION
OP	QUARRY PROCESS	24.25		
	GROSS WGT.	14.69		
	TARE WGT.	24.25		
	NET WGT.	24.25		

P.O. NO. E8147-C

ZONE:

CUSTOMER: 227253/004
ENTACT, LLC
16-45 LINDEN AVE E/CITY
JERSEY CITY
JOB: 16-45 LINDEN AVE E/CITY
JERSEY CITY
TRUCKER NAME: *[Signature]*
TRUCK NO. 129036
MANUAL WEIGHTS TICKET NO. 90704

DISPATCH: 01/08/15
DATE: 01/08/15
TIME: 09:00
ONCHIEF: (877) 333-4300
STATION: (908) 333-7640
ASPHALT: (908) 333-2331

FANWOOD CRUSHED STONE CO.
DIVISION OF WILSON MATERIALS, INC.
OFFICE: 141 CENTRAL AVE, WESTFIELD, N.J.
(908) 333-4444
Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

3

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

198.65 TONS

PRODUCT CODE

QUARRY PROCESS

PRODUCT

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO. E8147-C

ZONE

CUSTOMER

28753/004

ENTRACT, LLC

JERSEY CITY

#16-45 LINDEN AVE E/CITY

JOB

90733

MANUAL WEIGHTS

TICKET NO.

129046

TRUCK NO.

TRUCKER NAME

MIRANDA TRI

DATE

01/08/15

DISPATCH

0877-333-4300

STONE

888-333-7848

APRIL 17

0877-333-2231

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

FANWOOD CRUSHED STONE CO.

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

3

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

124.10 TONS

PRODUCT CODE

QUARRY PROCESS

PRODUCT

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO. E8147-C

ZONE

CUSTOMER

28753/004

ENTRACT, LLC

JERSEY CITY

#16-45 LINDEN AVE E/CITY

JOB

90724

MANUAL WEIGHTS

TICKET NO.

129039

TRUCK NO.

TRUCKER NAME

MIRANDA TRI

DATE

01/08/15

DISPATCH

0877-333-4300

STONE

888-333-7848

APRIL 17

0877-333-2231

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

FANWOOD CRUSHED STONE CO.

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

3

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

198.65 TONS

PRODUCT CODE

QUARRY PROCESS

PRODUCT

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO. E8147-C

ZONE

CUSTOMER

28753/004

ENTRACT, LLC

JERSEY CITY

#16-45 LINDEN AVE E/CITY

JOB

90737

MANUAL WEIGHTS

TICKET NO.

129050

TRUCK NO.

TRUCKER NAME

MIRANDA TRI

DATE

01/08/15

DISPATCH

0877-333-4300

STONE

888-333-7848

APRIL 17

0877-333-2231

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

FANWOOD CRUSHED STONE CO.

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

3

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME

WEIGHMASTER NAME

LOCATION WHERE WEIGHED

LOADS

ACCU. AMOUNT

173.01 TONS

PRODUCT CODE

QUARRY PROCESS

PRODUCT

AMOUNT

UNIT PRICE

EXTENSION

P.O. NO. E8147-C

ZONE

CUSTOMER

28753/004

ENTRACT, LLC

JERSEY CITY

#16-45 LINDEN AVE E/CITY

JOB

90735

MANUAL WEIGHTS

TICKET NO.

129048

TRUCK NO.

TRUCKER NAME

MIRANDA TRI

DATE

01/08/15

DISPATCH

0877-333-4300

STONE

888-333-7848

APRIL 17

0877-333-2231

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

FANWOOD CRUSHED STONE CO.

DIVISION OF WILSON MATERIALS, INC.

OFFICE: 141 CENTRAL AVE., WESTFIELD, N.J.

90820-444

Ready Mixed Concrete, Bulk Crushed Stone, Black Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME: [Signature]

WEIGHMASTER NAME: [Signature]

LOCATION WHERE WEIGHED: [Blank]

LOADS: 10 ACUM. AMOUNT 249.74 TONS

PRODUCT CODE: QUARRY PROCESS

PRODUCT: QUARRY PROCESS

AMOUNT: 38.69

UNIT PRICE: 13.37

EXTENSION: 25.32

NET WT. 13.37

GROSS WT. 38.69

TRUCKER NAME: [Blank]

TRUCK NO. 129067

MANUAL WEIGHTS TICKET NO. 90754

CUSTOMER: 227253/004 ENTRACT, LLC

JOB: #16-45 LINDEN AVE E/CITY

ZONE: [Blank]

P.O. NO. E0147-C

DISPATCH: 01/08/15

DATE: 01/08/15

TIME: 15:15

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILCOX MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME: [Signature]

WEIGHMASTER NAME: [Signature]

LOCATION WHERE WEIGHED: [Blank]

LOADS: 9 ACUM. AMOUNT 224.42 TONS

PRODUCT CODE: QUARRY PROCESS

PRODUCT: QUARRY PROCESS

AMOUNT: 40.46

UNIT PRICE: 14.69

EXTENSION: 25.77

NET WT. 14.69

GROSS WT. 40.46

TRUCKER NAME: [Blank]

TRUCK NO. 129064

MANUAL WEIGHTS TICKET NO. 90751

CUSTOMER: 227253/004 ENTRACT, LLC

JOB: #16-45 LINDEN AVE E/CITY

ZONE: [Blank]

P.O. NO. E0147-C

DISPATCH: 01/08/15

DATE: 01/08/15

TIME: 15:15

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILCOX MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME: [Signature]

WEIGHMASTER NAME: [Signature]

LOCATION WHERE WEIGHED: [Blank]

LOADS: 12 ACUM. AMOUNT 300.58 TONS

PRODUCT CODE: QUARRY PROCESS

PRODUCT: QUARRY PROCESS

AMOUNT: 39.84

UNIT PRICE: 14.69

EXTENSION: 25.15

NET WT. 14.69

GROSS WT. 39.84

TRUCKER NAME: [Blank]

TRUCK NO. 129075

MANUAL WEIGHTS TICKET NO. 90762

CUSTOMER: 227253/004 ENTRACT, LLC

JOB: #16-45 LINDEN AVE E/CITY

ZONE: [Blank]

P.O. NO. E0147-C

DISPATCH: 01/08/15

DATE: 01/08/15

TIME: 15:15

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILCOX MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS - 131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME: [Signature]

WEIGHMASTER NAME: [Signature]

LOCATION WHERE WEIGHED: [Blank]

LOADS: 11 ACUM. AMOUNT 275.52 TONS

PRODUCT CODE: QUARRY PROCESS

PRODUCT: QUARRY PROCESS

AMOUNT: 40.59

UNIT PRICE: 14.69

EXTENSION: 25.79

NET WT. 14.69

GROSS WT. 40.59

TRUCKER NAME: [Blank]

TRUCK NO. 129068

MANUAL WEIGHTS TICKET NO. 90755

CUSTOMER: 227253/004 ENTRACT, LLC

JOB: #16-45 LINDEN AVE E/CITY

ZONE: [Blank]

P.O. NO. E0147-C

DISPATCH: 01/08/15

DATE: 01/08/15

TIME: 15:15

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

DIVISION OF WILCOX MATERIALS, INC.

FANWOOD CRUSHED STONE CO.

Ready Mixed Concrete, Sand, Crushed Stone, Bulk Top

FORM PS-131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME: _____

WEIGHMASTER NAME: _____

LOCATION WHERE WEIGHED: _____

LOADS: 13

ACUM. AMOUNT: 351.94 TONS

NET WGT. 24.98

GROSS WGT. 39.72

TARE WGT. 14.60

QUARRY PROCESS

PRODUCT CODE: _____

PRODUCT: _____

AMOUNT: _____

UNIT PRICE: _____

EXTENSION: _____

P.O. NO. E8147-C

ZONE: _____

CUSTOMER: 22753/804

ENTRACT, LLC

JOB: #16-45 LINDEN AVE E/JCITY

JERSEY CITY

TRUCK NO. 129079

TRUCKER NAME: _____

MANUAL WEIGHTS

TICKET NO. 90756

DISPATCH

CONCRETE (877) 353-4300

STONE (860) 323-2331

APPROVAL: _____

DATE: 01/04/15

TIME: 4:3

DIVISION OF WESTON MATERIALS INC.

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

90756

Ready Mix Concrete, Sand, Crushed Stone, Bulk Top

90756

FANWOOD CRUSHED STONE CO.

FORM PS-131

REC'D BY & AGREE TO ALL TERMS (FRONT & BACK)

DRIVER NAME: _____

WEIGHMASTER NAME: _____

LOCATION WHERE WEIGHED: _____

LOADS: 13

ACUM. AMOUNT: 351.94 TONS

NET WGT. 24.98

GROSS WGT. 39.72

TARE WGT. 14.60

QUARRY PROCESS

PRODUCT CODE: _____

PRODUCT: _____

AMOUNT: _____

UNIT PRICE: _____

EXTENSION: _____

P.O. NO. E8147-C

ZONE: _____

CUSTOMER: 22753/804

ENTRACT, LLC

JOB: #16-45 LINDEN AVE E/JCITY

JERSEY CITY

TRUCK NO. 129076

TRUCKER NAME: _____

MANUAL WEIGHTS

TICKET NO. 90753

DISPATCH

CONCRETE (877) 353-4300

STONE (860) 323-2331

APPROVAL: _____

DATE: 01/04/15

TIME: 2:3

DIVISION OF WESTON MATERIALS INC.

OFFICE: 141 CENTRAL AVE. WESTFIELD, N.J.

90753

Ready Mix Concrete, Sand, Crushed Stone, Bulk Top

90753

FANWOOD CRUSHED STONE CO.