enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.453.2203
Fax: 518.689.4800

October 24, 2007

Mr. David Chiusano
NYS Department of Environmental Conservation
Remedial Bureau E, Section A
Division of Environmental Remediation
625 Broadway 12th Floor
Albany, NY 12233-7017

Re: Stauffer Management Company, Maestri Site #7-34-025, Onondaga County
Summary of Work Report - Revised

Dear Mr. Chiusano:

On behalf of Stauffer Management Company, LLC (SMC), Envirospec Engineering, PLLC (Envirospec) has prepared the following letter report to summarize field work completed at the SMC Maestri Site on July 25, 2007. The work was completed in accordance with the letter work plan submitted by Envirospec on June 19, 2007 with a response to NYSDEC comments on July 12, 2007. NYSDEC approval was granted in a letter dated July 13, 2007.

General Overview
Field activities completed were at the request of the NYSDEC in order to address concerns resulting from a groundwater sample collected from MW-9 on April 3, 2007 which showed elevated levels of xylene at 827 ppb**.** The NYSDEC had concerns that an area of soil contamination remains in the area of MW-9 and MW-2A (formerly RW-2). To address NYSDEC concerns, two test pits were excavated in the vicinity of these wells to determine if a source of soil contamination remains. Field work began with excavation of the first test pit (TP1) running from east to west beginning inside the footprint of the original excavation completed during the remedial action near MW-9. The test pit TP1 extended to outside the original footprint. A second test pit (TP2) was then excavated from north to south perpendicular to TP1 creating a "T" shape. TP2 included the area of MW-9 and MW-8. The locations of the test pits are shown on Figure 1.

During the test pit activities, an odor was noted at a depth of approximately 6.5 to 8 feet below ground surface (bgs). Headspace samples were taken throughout excavation of both test pits with results ranging from 0.0 ppm to 258 ppm. Overburden soils were staged on poly adjacent to the excavation, screened with the PID, and ultimately re-used as backfill upon confirmation of non-detectable PID screen readings and concurrence with the DEC. Excavated soils were loaded into lined rolloff boxes positioned next to the excavation. TP1 and TP2 were delineated with poly and backfilled with clean backfill and overburden soil from TP1.

Objectives
The purpose of the field activities was to determine if there was an area of soil contamination remaining in the vicinity of MW-2A and MW-9.

Project Team
Envirospec Engineering, PLLC provided project management and field oversight. Abscope Environmental, Inc completed the site work. The NYSDEC provided regulatory oversight of the excavation activities.

Summary of Work
Field work was completed on July 25, 2007. A photographic log and field notes documenting the project tasks are attached to this letter report.

Work began at 9:00 AM with representatives from Envirospec and the NYSDEC discussing where to begin TP1. Once the location was determined, the test pit was excavated from east to west with a length of approximately twenty-one (21) feet and a width of four (4) feet. A three (3) foot layer of overburden was first removed. Three (3) headspace samples were taken from the overburden, all of which showed PID readings of 0.0 ppm. The next layer observed in TP1 was a sandy layer beginning approximately three (3) feet bgs. This layer continued to approximately eight (8) feet bgs where a solid, cobblestone-like layer was encountered. Excavation continued through the cobblestone layer into a silt layer, which began at approximately eleven (11) feet bgs and ended at bedrock which was encountered at sixteen (16) feet bgs. The NYSDEC representative indicated the presence of an odor from approximately 8 feet to 16 feet bgs. Two (2) headspace samples from the silt layer exhibiting the odor had PID readings of 24.5 and 40.6 ppm.

TP2 began at approximately 10:00 am and was first excavated perpendicular to TP1, at a safe distance to maintain MW-8 and MW-9. The initial test pit was excavated from east to west to a length of four (4) feet. During the excavation, an electrical conduit and two waterlines were encountered. The two water lines were determined to be plugged lines connected to MW-2A which was formerly a recovery well and was replaced with a monitoring well during field work completed the week of April 24-28, 2006. The electrical conduit was former power to the RW-2 pump and was not live. The conduit and water lines were removed from the test pit.

The layers observed in TP2 were similar in appearance to those observed in TP1. The cobble layer of TP2 began at a depth of approximately 6.5 feet bgs. The silt layer began at approximately 10.5 feet below grade and ended at bedrock at a depth of sixteen (16) feet bgs. After discussion between Envirospec and the NYSDEC, it was decided to extend TP2 in order to excavate additional material that exhibited an odor. In order to extend TP2, MW-8 and MW-9 were removed. Odors were again noted by the NYSDEC representative at similar depths as encountered in TP1.

Samples for PID screening and headspace readings were collected throughout the excavation. The results are outlined in Table 1. The highest PID reading was from TP2 which had a PID screen of 432 ppm and a headspace reading of 258 ppm.

Table 1 – PID/Headspace Sample Summary

Test Pit	Depth (ft)	Time	Screen	Headspace	Other Details
2	~11-12.5	-	185	171	1st sample below hard cobble
2	13.0	-	30.2	147	Exact time not recorded, collected between 10:47 and 11:13 am
2	14.0	-	9.5	16.4	Exact time not recorded, collected between 10:47 and 11:13 am
2	14.5	11:13 AM	196	76.9	NYSDEC collected sample from same area
2	15.5	-	227	158	Exact time not recorded, between 11:13 and 11:35 am
2	16.0	-	100	121	Exact time not recorded, between 11:13 and 11:35 am
2	13.0	11:52 AM	432	258	1st sample taken directly below MW-8 and MW-9
2	15.0	-	10.4	5.1	Exact time not recorded, between 11:52 am and 12:25 pm
1	~13-14	12:25 PM	97.0	16.5	South wall of TP1
2	~14-15	1:14 PM	68.0	20.5	Near the locations of MW-9 and MW-8
-	~15-16	1:27 PM	77.0	93.4	On the corner between TP1 and TP2
2	15.0	1:34 PM	241	129	West wall of TP2
2	~3-6.5	1:46 PM	22.0	9.0	West wall, just above cobble layer
2	~3-6.6	1:53 PM	0.5	0.0	North wall, just above cobble layer
2	~10.5-16	1:57 PM	127	73.3	North wall, just below cobble layer
2	~3-6.6	2:00 PM	0.0	0.0	East wall, just above cobble layer
2	~10.5-16	2:02 PM	26.0	16.9	East wall, just below cobble layer
1	~3-8	2:11 PM	0.0	0.0	South wall, just above cobble layer
1	~11-16	2:07 PM	224	45.4	South wall, just below cobble layer

After excavation, the area was delineated with poly and backfilled. The DEC concurred that overburden material could be utilized as backfill within the excavated area based on visual assessment and non-detectable PID readings. Overburden material (approximately 30 cy) was placed in the bottom of the excavation followed by a layer of crusher-run stone (approximately 35 cy) and then clean import sand (approximately 85 cy). Material was compacted with the excavator as backfilling progressed. Clean import sand was obtained from stockpiles of backfill material staged at the SMC Skaneateles Falls site. The import sand originated from an approved source located on Depot Road in Sennett, NY. Crusher-run stone was obtained from Hanson Aggregates in Skaneateles, NY. To facilitate site restoration, the excavation area was restored with topsoil, seed, and mulch.

Waste Management

Waste generated from the field work consisted of excavated soil and solid waste (e.g. PPE, PVC piping, conduit, and removed monitoring wells). Soil generated from the excavation was loaded into five (5) rolloffs staged adjacent to the excavation. In order to remove as much of the impacted soil as possible, each rolloff was loaded to maximum holding capacity (approximately 30 cubic yards each) with the understanding that material would need to be appropriately redistributed for offsite disposal. Excavation ceased upon reaching maximum capacity in all rolloffs.

One RCRA sample (Sample ID: TP-Ex) was collected from the five (5) rolloffs on July 30, 2007 to characterize the waste for offsite disposal. A five-point composite sample was collected with one point from each rolloff. Rolloffs were screened with a PID and a discrete grab sample was

collected from a randomly selected rolloff as each exhibited a PID reading of 0.0 ppm. The composite sample was analyzed for TCLP VOC, SVOC, and metals; PCBs; and reactivity. The grab sample was analyzed for ignitability. Analytical data showed the material was non-hazardous and it was approved for offsite disposal at Waste Management's Mill Seat Landfill in Bergen, NY. Prior to transportation, additional rolloff boxes were brought onsite and the material redistributed so each rolloff would be within appropriate weight limits. A total of nine (9) rolloff boxes were shipped from August 22, 2007 to August 27, 2007 for a total of 170.31 tons. The chain of custody, analytical results, and waste manifests are attached to this letter report.

Proposed Additional Work

Monitoring Well

Two (2) monitoring wells were removed during the excavation (MW-8 and MW-9). SMC is proposing to install one new monitoring well to replace MW-9 which had exhibited elevated levels of xylene. The new well will be installed in the area where MW-9 was located.

Construction of the monitoring well will consist of a two-inch diameter well casing with ten feet of Schedule 40 PVC screen and riser. The well screen will be installed starting at 5 feet above the bottom of the well boring. The annular space in the screened interval will be sand packed with a No. 2 filter sand pack to one to two feet above the top of the screen. The annular space above the screened interval will be sealed with a layer of bentonite to provide a seal above the sand pack. The surface completion will consist of either a stick-up protective steel casing set in concrete and fitted with a lockable cap or a flush-to grade, bolt down, gasketed curb box set in concrete and a lockable sanitary plug.

The monitoring well will be developed no sooner than 24 hours after installation. The well will be purged with a low flow submersible pump. Purging will continue until the water is visibly free of suspended materials and field parameters (pH, temperature) stabilize, or a maximum of 24 hours.

After installation and development of the monitoring well, it will be sampled. If time has elapsed between development and sampling, three well volumes will be purged prior to sampling. The well will be gauged for depth-to -water and total depth from the top of casing to determine the elevation of groundwater and volume of water in the well. The well will be sampled using a dedicated disposable bailer. Samples will be collected in laboratory provided sample jars and placed on ice for shipping or delivery under chain-of-custody protocols. Samples will be analyzed for xylene via EPA Method 8260.

Soil Borings

To further investigate soil conditions in the area of work, SMC is proposing to install four (4) soil borings outside the area of the test pits. Proposed locations are shown on Figure 1. Soil borings will be completed with two-foot split-spoon samplers advanced to bedrock. Soil will be placed back into the hole after the boring is completed.

Each boring will be characterized, screened with a PID, and sampled. A headspace reading will be taken from each interval that has an elevated PID reading and a sample retained from the interval with the highest headspace reading to be sent to the lab for analysis. If there is no reading

on the PID, the interval above bedrock will be sampled. Samples will be analyzed for xylene via EPA Method 8620.

Schedule

SMC is proposing to complete the additional work upon approval by the NYSDEC. The NYSDEC will be provided with at least five (5) days notice prior to the initiation of work. After completion of the work, a letter report will be submitted to the NYSDEC summarizing the results. The report will also contain a plan for shutting down the groundwater recovery system which will consist of sampling perimeter wells to ensure the plume does not migrate.

Should you have any questions regarding the project, please do not hesitate to contact me at (518) 438-6809.

Sincerely,

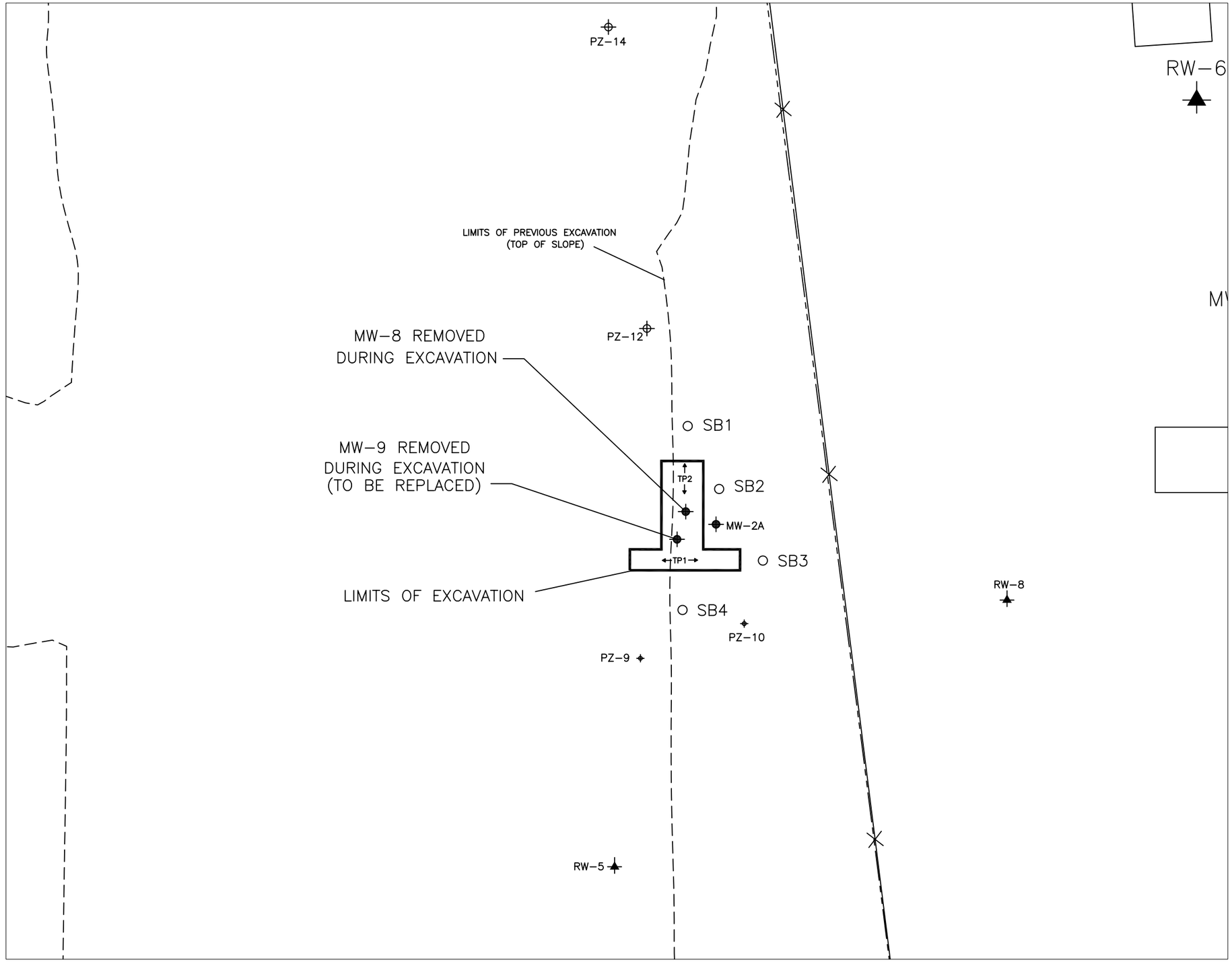
Gianna Aiezza

Gianna Aiezza, PE
Principal Engineer
Envirospec Engineering, PLLC

Enc

cc: B. Shay/P. Ekoniak – SMC
J. Abraham – SMC
L. Mona/M. Newman - Envirospec

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	ALB	DEO 7-19-99	---	---	SUMJUL99



LEGEND

- MONITORING WELL
- RECOVERY WELL
- PIEZOMETER
- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- EP ELECTRIC POLE
- PROPOSED SOIL BORING LOCATIONS

SPEC CONSULTING, LLC
18 COMPUTER DRIVE WEST
ALBANY, NY 12205
PHONE: 518.438.6809
FAX: 518.438.8527

STAUFFER
MANAGEMENT COMPANY

BASE MAP PROVIDED BY IT CORPORATION

FIGURE 1
SITE MAP

MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Ms. Gianna Aiezza

PROJECT NAME: Maestri
DATE: 08/07/2007

SAMPLE NUMBER- 495756 SAMPLE ID- TP-Ex
DATE SAMPLED- 07/30/07
DATE RECEIVED- 08/02/07 SAMPLER- Alan Clark
TIME RECEIVED- 1555 DELIVERED BY- Tom Barry

SAMPLE MATRIX- SO
TIME SAMPLED- 1400
RECEIVED BY- RS
TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature				08/02/07		RS	3.0	Degrees C
TCLP Extraction	40CFR 1311			08/02/07		MD	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311			08/02/07		MD	Complete	
CYANIDE REACTIVITY	SW846 9010	08/06/07	JDC	08/06/07	1945	JDC	< 10.	mg/Kg
SULFIDE REACTIVITY	SW846 9030			08/06/07	1745	JDC	< 50.	mg/Kg
Percent Solids	EPA 160.3			08/02/07		CD	90.	%
TCLP Metals	SW846-6010	08/03/07	KB	08/06/07		KB		
Arsenic, TCLP	SW846-6010	08/03/07	KB	08/06/07		KB	< 0.50	mg/L
Barium, TCLP	SW846-6010	08/03/07	KB	08/06/07		KB	< 10.0	mg/L
Cadmium, TCLP	SW846-6010	08/03/07	KB	08/06/07		KB	< 0.10	mg/L
Chromium, TCLP	SW846-6010	08/03/07	KB	08/06/07		KB	< 0.50	mg/L
Lead, TCLP	SW846-6010	08/03/07	KB	08/06/07		KB	< 0.50	mg/L
Selenium, TCLP	SW846-6010	08/03/07	KB	08/06/07		KB	< 0.50	mg/L
Silver, TCLP	SW846-6010	08/03/07	KB	08/06/07		KB	< 0.50	mg/L
MERCURY, TCLP (HG)	EPA 245.1			08/03/07		MM	< 0.02	mg/L
PCB's in Solid	EPA 8082	08/02/07	CD	08/04/07		BLD		
Aroclor 1221	EPA 8082	08/02/07	CD	08/04/07		BLD	< 0.5	mg/Kg
Aroclor 1232	EPA 8082	08/02/07	CD	08/04/07		BLD	< 0.5	mg/Kg
Aroclor 1242/1016	EPA 8082	08/02/07	CD	08/04/07		BLD	< 0.5	mg/Kg
Aroclor 1248	EPA 8082	08/02/07	CD	08/04/07		BLD	< 0.5	mg/Kg
Aroclor 1254	EPA 8082	08/02/07	CD	08/04/07		BLD	< 0.5	mg/Kg

The analytical results on this sample are representative of the sample as received by the Laboratory.

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 495756

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Aroclor 1260	EPA 8082	08/02/07	CD	08/04/07		BLD	< 0.5	mg/Kg
TCLP VOLATILES	EPA 8260			08/03/07		LRE		
BENZENE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
CARBON TETRACHLORIDE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
CHLOROBENZENE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
CHLOROFORM, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
1,2-DICHLOROETHANE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
1,1-DICHLOROETHENE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
METHYL ETHYL KETONE, TCLP	EPA 8260			08/03/07		LRE	< 0.20	mg/L
TETRACHLOROETHENE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
TRICHLOROETHENE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
VINYL CHLORIDE, TCLP	EPA 8260			08/03/07		LRE	< 0.20	mg/L
1,4-DICHLOROBENZENE, TCLP	EPA 8260			08/03/07		LRE	< 0.050	mg/L
SEMI-VOLATILES, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC		
NITROBENZENE, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
PYRIDINE, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
CRESOLS(TOTAL), TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
2,4-DINITROTOLUENE, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
HEXACHLOROBENZENE, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
HEXACHLOROBUTADIENE, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
HEXACHLOROETHANE, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
PENTACHLOROPHENOL, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
2,4,5-TRICHLOROPHENOL, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L
2,4,6-TRICHLOROPHENOL, TCLP	EPA 8270	08/03/07	LRE	08/06/07		KEC	< 0.10	mg/L

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

(Terms and Conditions on Reverse Side)

The analytical results on this sample are representative of the sample as received by the Laboratory.

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Ms. Gianna Aiezza

PROJECT NAME: Maestri
DATE: 08/07/2007

SAMPLE NUMBER- 495757 SAMPLE ID- TP-Ex
DATE SAMPLED- 07/30/07
DATE RECEIVED- 08/02/07 SAMPLER- Alan Clark
TIME RECEIVED- 1555 DELIVERED BY- Tom Barry

SAMPLE MATRIX- SO
TIME SAMPLED- 1405
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		08/02/07		RS	3.0	Degrees C
Ignitability of Solids	SW846 1030	08/06/07	1345	RRB	NO BURN	mm/sec

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

The analytical results on this sample are representative of the sample as received by the Laboratory.

CHAIN OF CUSTODY RECORD

CES

Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210

Phone: 315-478-2374 Fax: 315-478-2107

BATCH NO: 95196

Page 1 of 1

Turn-Around Time:
- ☐ Standard
- ☒ 1 Week
- ☐ 72 Hours
- ☐ 48 Hours
- ☐ 24 Hours

CLIENT NAME: Stauffer Management
ADDRESS: 4512 Jordan Rd
Skaneateles Falls N.Y. 13153
PHONE: (315) 685-6195
FAX: (315) 685-6209
CONTACT NAME: Laura Mona

PROJECT NUMBER/NAME: Maestri

PURCHASE ORDER NO:

Sampler's Name: Alan Clark Signature: Alan Clark

LAB USE ONLY CES Sample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS: TCLP C VOC / STARS Metals	Reactivity	PCBs	Ignitability
495756	7/30/07	2:00	X			X		TP-EA	1	X	X	X	
495757	7/30/07	2:05		X		X		TP-EA	1				X

SPECIAL REMARKS:

2 TOTAL NUMBER OF CONTAINERS

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Alan Clark	DATE: 8/1/07	NAME: Tom Barry	DATE: 8/2/07
SIGNATURE: Alan Clark	TIME: 1:00	SIGNATURE: Thomas M Barry	TIME: 1430
NAME: Tom Barry	DATE: 8/2/07	NAME:	DATE: 8/2/07
SIGNATURE: Thomas M Barry	TIME: 1555	SIGNATURE:	TIME: 1555

Samples Received in Good Condition:
☐ Yes ☐ No
Temperature 3.0 °C

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD982796914 | 2. Page 1 of 1 | 3. Emergency Response Phone: 800-424-9300 | 4. Waste Tracking Number: 16010

5. Generator's Name and Mailing Address: STAUFFER MANAGEMENT CO, LLC, 1800 CONCORD PIKE, WILMINGTON, DE
Generator's Phone: 302-886-5147

Generator's Site Address (if different than mailing address): STAUFFER MANAGEMENT CO, LLC (MAESTRI SITE), 404 STATE FAIR BLVD, SYRACUSE, NY 13209

6. Transporter 1 Company Name: ABSCOPE — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WM OF NY - MILLSEAT LANDFILL, 399 BROWN ROAD, BERGEN, NY 14416 (585) 494-3000 (EST)
Facility's Phone: — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED MATERIAL	002	CM	44,100	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
PROFILE: 101823 NY SOIL/DEBRIS
SAMPLE ID: TP-EX
Act: 25.18 T

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Laura Mora on behalf of Stauffer Management — Signature: Laura Mora — Month 08 Day 21 Year 07

INTL
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Randy Furcinow — Signature: [signature] — Month 8 Day 21 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

Jane Gracie-scalehouse
Wm Millseat Landfill
Bergen, New York 14482
585-494-3000 ext.230
Tuesday August 21, 2007

18. Designated Facility Printed/Typed Name — the manifest except as noted in Item 17a
Signature — Month Day Year

169-BLS-C 6 10497 (Rev. 8/06)

TRANSPORTER #1

FLAT LINED scale #89

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD182796914
2. Page 1 of: 1
3. Emergency Response Phone: 800-424-9300
4. Waste Tracking Number: 160111

5. Generator's Name and Mailing Address: STAUFFER MANAGEMENT COMPANY, 1800 CONCORD PIKE, WILMINGTON, DE
Generator's Phone: (302) 886-5147

Generator's Site Address (if different than mailing address): STAUFFER MANAGEMENT CO (MAESTRI SITE), 904 STATE FAIR BLVD, SYRACUSE, NY 13209

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: WM OF NY - MILL SEAT LANDFILL, 303 BROWN ROAD, BERGEN, NY. 14416
Facility's Phone: (585) 494-3000 — U.S. EPA ID Number: EST

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
GENERATOR	1. NON-REGULATED MATERIAL	002	CM DM	60,000	P
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information: PROFILE: 101823NY SOIL/DEBRIS NOTE: WEIGHT IS ESTIMATED Act: 43.94T
SAMPLE ID: TP-EX OVERWEIGHT !!!

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Laura Mora on behalf of Stauffer — Signature: [signature] — Month: 08 Day: 30 Year: 07

INTL
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name — Signature — Month Day Year
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number: U.S. EPA ID Number
17b. Alternate Facility (or Generator)
Facility's Phone: Month Day Year
17c. Signature of Alternate Facility (or Generator)
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

TRANSPORTER #:

169-BLS-C 6 10497 (Rev. 8/06)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD982796614
2. Page 1 of 1
3. Emergency Response Phone: 800-424-9300
4. Waste Tracking Number: 116012

5. Generator's Name and Mailing Address: STAUFFER MANAGEMENT COMPANY, 1800 CONCORD PIKE, WILMINGTON, DE 19850

Generator's Phone: (302) 886-5147

Generator's Site Address (if different than mailing address): STAUFFER MANAGEMENT COMPANY/MAESTRISITE, 904 STATE FAIR BLVD, SYRACUSE, NY 13209

6. Transporter 1 Company Name: RICCELLI — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WM OF NY - MILLSEAT LANDFILL, 303 BREW ROAD, BERGEN, NY 14416 — U.S. EPA ID Number:

Facility's Phone: (585) 494-3000

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. NON REGULATED MATERIAL	2 Containers	CM	60,000 lbs	P
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

PROFILE: 101803NY SOIL/DEBRIS

SAMPLE: TREX

ACT: 37.50T

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Laura Mona on behalf of Stauffer Management — Signature: [signature] — Month 08 Day 22 Year 07

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ollie Turner — Signature: [signature] — Month 8 Day 22 Year 07

Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner ... except as noted in Item 17a

Printed/Typed Name:

Jane Gracie=Scalehouse
WM Millseat Landfill
Bergen, NY 14416
585-494 -3000 ext 230
Thursday August 23, 2007

Signature — Month Day Year

TRANSPORTER #2

169-BLS-C 6 10497 (Rev. 8/06)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD982796414 | 2. Page 1 of: 1 | 3. Emergency Response Phone: 800-424-9300 | 4. Waste Tracking Number: 16013

5. Generator's Name and Mailing Address:
STAUFFER MANAGEMENT COMPANY, LLC
ROD CONCORD PIKE
WILMINGTON, DE 19850 (302) 886-5147

Generator's Site Address (if different than mailing address):
STAUFFER MANAGEMENT CO. (MAESTRI SITE)
904 STATE FAIR BLVD.
SYRACUSE, NY 13209 (315) 485-5717

Generator's Phone:

6. Transporter 1 Company Name: RICCELLI — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
WM OF NY - MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416 (585) 494-3000 (EST.)

U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
GENERATOR	1. NON-REGULATED MATERIAL	1	DM	30,100	P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
PROFILE: 101893NY SOIL/DEBRIS NOTE: WEIGHT IS ESTIMATED
SAMPLE: TP-EX ACT: 21.60T

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Laura Mora on behalf of Stauffer Management — Signature: Laura Mora — Month 8 Day 24 Year 07

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Timothy D Sheard — Signature: Timothy D. Sheard — Month 8 Day 24 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

Jane Gracie Scalehouse
Wm Millseat Landfill
Bergen, NY 14416
585-494-3000 ext.230
Friday August 24, 2007

18. Designated F
Printed/Typed N
he manifest except as noted in Item 17a
Signature — Month Day Year

TRANSPORTER #1

169-BLS-C 6 10497 (Rev. 8/06)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD982796914
2. Page 1 of: 1
3. Emergency Response Phone: 800-424-9300
4. Waste Tracking Number: 11614

5. Generator's Name and Mailing Address: STAFFER MANAGEMENT COMPANY, LLC
1800 CONCORD PIKE
WILMINGTON, DE 19850 (302) 886-5147

Generator's Site Address (if different than mailing address): STAFFER MANAGEMENT, CO (MAESTRI SITE)
401 STATE FAIR BLVD
SYRACUSE NY 13209 (315) 685-6015

Generator's Phone:

6. Transporter 1 Company Name: RICCELLI — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WM OF NY - MILLSEAT LANDFILL
205 BREW ROAD
BERGEN, NY 14416 (585) 494-3000 (EST)

Facility's Phone: — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
GENERATOR	1. NON REGULATED MATERIAL	001	DM CM	30,000	P	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
PROFILE: 101823NY SOIL/DEBRIS
NOTE: WEIGHT IS ESTIMATED
SAMPLE: TP-EX
ACT: 19.71T

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Laura Mara on behalf of Stauffer Management — Signature — Month 08 Day 23 Year 07

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ollie Turner — Signature — Month 8 Day 23 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

Jane Gracie=Scalehouse
WM Millseat Landfill
Bergen, NY 14416
585-494 -3000 ext 230
Thursday August 23, 2007

18. Designated/Printed/Typed — the manifest except as noted in item 17a
Signature — Month Day Year

169-BLS-C 6 10497 (Rev. 8/06)

TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD982796914
2. Page 1 of: 1
3. Emergency Response Phone: 800-424-9300
4. Waste Tracking Number: 160014

GENERATOR

5. Generator's Name and Mailing Address
STAUFFER MANAGEMENT COMPANY, LLC
1800 CONCORD PIKE
WILMINGTON, DE 19850
Generator's Phone: (302) 886-5147

Generator's Site Address (if different than mailing address)
STAUFFER MANAGEMENT CO. (MAESTRI SITE)
904 STATE FAIR BLVD
SYRACUSE, NY 13209 (315) 485-5717

6. Transporter 1 Company Name: RICCELLI
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
WM OF NJ - MILL SEAT LANDFILL
303 BREED ROAD
BERGEN, NJ 14416
Facility's Phone: (585) 494-3000 (EST)
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON-REGULATED MATERIAL	1	CM	38,000	P
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
PROFILE: 101823 NJ SOIL/DEBRIS
NOTE: WEIGHT IS ESTIMATED
SAMPLE: TP-EX
ACT: 21.78T

INT'L

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Laura Mora on behalf of Stauffer Management
Signature: Laura Mora
Month: 08 Day: 27 Year: 07

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim Sheard
Signature: Tim Sheard
Month: 8 Day: 27 Year: 07

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Jane Gracie
Signature: J. Gracie
Month: 9 Day: 27 Year: 07

169-BLS-C 6 10497 (Rev. 8/06)

TRANSPORTER #1

Envirospec Engineering, PLLC
Photographic Record

Customer: **Stauffer Management Co.**	Project Number: **E07-102**
Site Name: **SMC Maestri**	Site Location: **Geddes, New York**

Pic #: **070725076**

Date: **07/25/07**

Direction: **Looking SE**

Comments:

Orange fence shows demarcation of previous excavation

Pic #: **070725077**

Date: **07/25/07**

Direction: **Looking S**

Comments:

Overburden pile from TP1

Envirospec Engineering, PLLC
Photographic Record

Customer: **Stauffer Management Co.**	Project Number: **E07-102**
Site Name: **SMC Maestri**	Site Location: **Geddes, New York**

Pic #: **070725086**

Date: **07/25/07**

Direction: **Looking W, Into TP1**

Comments:

TP1's three primary layers can be viewed. Odor observed in cobble layer.

Pic #: **070725093**

Date: **07/25/07**

Direction: **Looking E**

Comments:

Two (2) waterlines and one (1) electrical line were found in TP2. None were live, removed from the test pits.

Envirospec Engineering, PLLC
Photographic Record

Customer: **Stauffer Management Co.**	Project Number: **E07-102**
Site Name: **SMC Maestri**	Site Location: **Geddes, New York**

Pic #: **070725107**

Date: **07/25/07**

Direction: **Looking W**

Comments:

Profile along western wall of TP2 showing distinct layers in soil.

Pic #: **0707251442**

Date: **07/25/07**

Direction: **Looking S**

Comments:

Overview of excavated area

Envirospec Engineering, PLLC
Photographic Record

Customer: **Stauffer Management Co.**	Project Number: **E07-102**
Site Name: **SMC Maestri**	Site Location: **Geddes, New York**

Pic #: **070725134**

Date: **07/25/07**

Direction: **Into Test Pits**

Comments:

Groundwater seepage near bedrock.

Pic #: **070725147**

Date: **07/25/07**

Direction: **Into Excavator Bucket**

Comments:

Excavated soils from just above bedrock.

Envirospec Engineering, PLLC
Photographic Record

Customer: **Stauffer Management Co.**	Project Number: **E07-102**
Site Name: **SMC Maestri**	Site Location: **Geddes, New York**

Pic #: **070725148**

Date: **07/25/07**

Direction:
Looking E

Comments:

Delineated sides of excavated area with poly.

Envirospec Engineering, PLLC
16 Computer Drive West
Albany, NY 12205

Phone: 518.438.6809
Fax: 518.438.8527

Date Wednesday
July 25, 2007

Weather	Temperature
Partly Sunny	High 84
	Low 64

SITE OBSERVATION REPORT

Project SMC Maestri Project No. 07-102

Location Geddes, NY

On-Site: Abscope (refer to sign in sheet)
David Chiusano (NYSDEC)
Laura Mona (SPEC)
Matthew Newman (SPEC)

General

- Test pits dug to observe sediment near MW8 and MW9
- Two test pits labeled TP1 and TP2
- Monitoring wells 8 and 9 were removed during the excavation of TP2
    - MW9 removed at 11:42 AM
    - MW8 removed at 11:44 AM
- The topmost section of the well piping for PZ9 was broken at approximately 12:57 PM
- Test pits were delineated with poly prior to backfill

Test Pit 1 (TP1)

- TP1 ran east to west with MW9 along its north wall
- TP1 ran from the area where previous cleaning activities had occurred and into untouched area with approximate dimensions of 21'×4' (East/West×North/South)
- TP1 showed three general layers
    - Top layer was a soft, sandy layer beginning 3' bgs and ending 8' bgs
    - Second layer was a solid, "cobblestone-like" layer that began at the end of the top layer and extended 11' bgs. It had the appearance of a concrete/cobblestone slab and an odor was noted
    - Third layer was a silt layer beginning at the end of the "cobblestone" layer and ending at bedrock at a depth of 16 feet. It had a clay-like appearance with sand-like properties and also was noted with a similar odor found in the previous layer
- Three initial samples were taken from the overburden, all three of which had a PID of 0.00
- Two additional samples were screened from all the sediment taken into the first rolloff at 9:56 AM, with head spaces of 24.5 and 40.6 ppm respectively

Test Pit 2 (TP2)

- TP2 ran north to south with MW8 and MW9 both removed
- TP2 ran close to the line between area from previous remediation work and untouched area with approximate dimensions of 8'×14' (East/West×North/South)
- TP2 could be divided into similar sediment layers to those found in TP1
    - Top soft, sandy layer began at 3' and ended at 6.5' bgs.
    - Second, "cobblestone" layer ranged from 6.5' to 10.5' bgs
    - Third, high silt layer ranged from 10.5' to 16' bgs
    - Odors were noted in the same layers as TP1
- Two water lines and one electrical conduit were struck during the digging of TP2 at 10:33 AM
    - The conduit/line were at a depth of 5' and a distance of 5' from MW9 to center of piping
    - Casing of electrical conduit was struck
    - The water lines were connected to RW2A and had been plugged when it was overdrilled and converted into a monitoring well
    - The electrical line was not live and was cut
    - Electrical and water lines were removed from TP2

Continued next page

enviroSPEC ENGINEERING, PLLC
Envirospec Engineering, PLLC
16 Computer Drive West
Albany, NY 12205

Phone: 518.438.6809
Fax: 518.438.8527

CONTINUATION PAGE

Date 07/25/07

SITE OBSERVATION REPORT

Project SMC Maestri Project No. 07-102
Location City Name, NY

Sampling/Offsite Disposal

Samples

- Headspace samples were taken at random intervals based upon color, texture, and odor of the sediment being extracted
- DEC collected period samples from the bucket of the excavator during work
- A table of the samples can be found below

Test Pit	Depth (ft)	Time	Screen	Headspace	Other Details
2	~11-12.5	-	185	171	1st sample below hard cobble
2	13.0	-	30.2	147	Exact time not recorded, collected between 10:47 and 11:13 am
2	14.0	-	9.5	16.4	Exact time not recorded, collected between 10:47 and 11:13 am
2	14.5	11:13 AM	196	76.9	NYSDEC collected sample from same area
2	15.5	-	227	158	Exact time not recorded, between 11:13 and 11:35 am
2	16.0	-	100	121	Exact time not recorded, between 11:13 and 11:35 am
2	13.0	11:52 AM	432	258	1st sample taken directly below MW-8 and MW-9
2	15.0	-	10.4	5.1	Exact time not recorded, between 11:52 am and 12:25 pm
1	~13-14	12:25 PM	97.0	16.5	South wall of TP1
2	~14-15	1:14 PM	68.0	20.5	Near the locations of MW-9 and MW-8
-	~15-16	1:27 PM	77.0	93.4	On the corner between TP1 and TP2
2	15.0	1:34 PM	241	129	West wall of TP2
2	~3-6.5	1:46 PM	22.0	9.0	West wall, just above cobble layer
2	~3-6.6	1:53 PM	0.5	0.0	North wall, just above cobble layer
2	~10.5-16	1:57 PM	127	73.3	North wall, just below cobble layer
2	~3-6.6	2:00 PM	0.0	0.0	East wall, just above cobble layer
2	~10.5-16	2:02 PM	26.0	16.9	East wall, just below cobble layer
1	~3-8	2:11 PM	0.0	0.0	South wall, just above cobble layer
1	~11-16	2:07 PM	224	45.4	South wall, just below cobble layer

Rolloffs

- 5 rolloffs were loaded with sediment extracted from the two test pits
- First contained sediment extracted from TP1 from 3' bgs to a depth of 14'
- Second contained sediment extracted from TP2 from 3-4' bgs to a depth of 14'
- Third contained sediment extracted from both TP1 and TP2
    - TP1 sediment was extracted from 14-16' bgs
    - TP2 sediment was extracted from 3-4' bgs to a depth of 13' primarily beneath MW8 and MW9
- Fourth contained sediment extracted from TP2 from 13' to 16' bgs
- Fifth contained sediment extracted from both TP1 and TP2 ranging from 3' to 16' bgs

Backfill

- Delineated all sides with poly
- Overburden was placed on bottom (after discussions with DEC)
- 2 loads of Crusher-run (Hanson) placed on top of overburden
- 5 loads of clean sand (trucked in from stockpiles of clean fill Skan Falls site – initially from Sennett Pit) placed on top of crusher-run
- Sand backfill compacted with excavator bucket as much as possible with each "lift"

The above comments were made by: M. Newman