Buell Automatics Site

MONROE COUNTY, NEW YORK

Construction Completion Report

LNAPL Monitoring Well Installation

NYSDEC Site Number: C828114

Prepared for:

Buell Automatics, Inc. 381 Buell Road Rochester, New York

Prepared by:

Stantec Consulting Services Inc. 61 Commercial Street Rochester, New York 14614 (585) 475-1440

NOVEMBER 2012

CERTIFICATION

I, Peter Nielsen, certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the implementation of the construction program, and I certify that the Revised LNAPL Monitoring Work Plan (Work Plan) was implemented and that all construction activities were completed in substantial conformance with the DER-approved Work Plan.

NYS Professional Engineer #

11/20/12



Signature



TABLE OF CONTENTS

CERTIFICATION	II
TABLE OF CONTENTS	III
LIST OF ACRONYMS	IV
CONSTRUCTION COMPLETION REPORT	.1
1.0 BACKGROUND AND SITE DESCRIPTION	.1
2.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED	. 2
2.1 Contractors and Consultants 2.2 Health & Safety Monitoring, Community Air Monitoring, and Quality	2
Assurance/Quality Control	2
2.3 LNAPL Monitoring Well Installation	3
2.4 Waste Management	4
2.5 LNAPL Monitoring	4
LIST OF TABLES	5
LIST OF FIGURES	.5
LIST OF APPENDICES	.5

LIST OF ACRONYMS

Acronym	Definition
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below ground surface
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
LNAPL	Light non-aqueous phase liquid
MW	Monitoring well
NYSDEC	New York State Department of Environmental
NISDLC	Conservation
PID	Photo-ionization detector
RWP	Remedial Work Plan
SMP	Interim Site Management Plan
VOC	Volatile organic compound

CONSTRUCTION COMPLETION REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

Stantec Consulting Services Inc. (Stantec) has prepared this Construction Completion Report (CCR) which describes implementation of the Light Non-Aqueous Phase Liquid (LNAPL) monitoring component of the environmental remediation program (remedy) at the Buell Automatics Brownfield Cleanup Program (BCP) Site located at 381 Buell Road in the Town of Gates, Monroe County, New York (the "Site"). The Site is designated as BCP Site No. C828114. The Site location is shown on Figure 1.

The work was performed on behalf of and at the request of Buell Automatics, Inc. (Buell). Buell is implementing the remedy for the Site pursuant to the terms of a Brownfield Cleanup Agreement (BCA) executed by Buell and the New York State Department of Environmental Conservation (the "Department") and pursuant to applicable regulations and guidance. The remedy is being implemented to address the presence of volatile organic compounds (VOCs) and petroleum impacts in soil and groundwater at levels exceeding applicable standards.

A proposed remedy for the Site was described in the February 2010 Remedial Work Plan (RWP) that was approved by the Department in March 2010. As implementation of the remedy proceeds, design documents are submitted for the Department's approval presenting specific plans for the various components of the remedy. An LNAPL monitoring program is one of those components.

Subsurface contamination by LNAPL derived from petroleum products is present in the areas surrounding the western half of the southern section of the Buell building, which is designated the Petroleum Impacts Area. The Buell Automatics facility produces machined metal components for a variety of products, and the source of the LNAPL is believed to be past releases of petroleum-based metal-working lubricant (cutting oil) and petroleum-based solvent.

The Revised LNAPL Monitoring Work Plan (Stantec, August 2012) specified the actions that were to be taken to monitor the extent of LNAPL in the subsurface. This CCR documents the activities performed to implement the monitoring-well installation

and initial monitoring phases of the LNAPL monitoring program. Results of subsequent monitoring will be reported in regular project progress reports.

2.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Revised LNAPL Monitoring Work Plan for the Buell Automatics site (August 2012). All deviations from the Work Plan are noted below.

In accordance with the Work Plan, four new wells were installed to supplement the coverage of the Buell building perimeter and the Petroleum Impacts Area that is provided by existing wells in the groundwater monitoring network for the Site. Well installation and development activities were performed on September 20th and 21st, 2012. The locations of the new monitoring wells (wells MW-19, MW-20, MW-21, and MW-22) are shown on the site plan presented in Figure 2.

2.1 Contractors and Consultants

Well drilling, installation and development services were provided by Nothnagle Drilling of Scottsville, New York. Full-time observation by Stantec personnel was performed during drilling, well installation and development activities. Waste characterization analysis was performed by Paradigm Environmental Services of Rochester, New York.

2.2 Health & Safety Monitoring, Community Air Monitoring, and Quality Assurance/Quality Control

Health & Safety and Community Air Monitoring were performed in accordance with the Interim Site Management Plan (SMP) for the project (February 2011). Quality assurance and quality control were performed in accordance with the Quality Assurance Project Plan for Remedy Implementation activities at the Buell Site (February 2011, revised July 2011).

Community air monitoring was performed in accordance with the project Community Air Monitoring Plan (CAMP, included in the February 2011 SMP). Action levels were not exceeded. A copy of the CAMP field data sheet is provided in Appendix A.

2.3 LNAPL Monitoring Well Installation

Monitoring wells were installed with a rotary drill rig using 4¼-inch hollow stem augers advanced to a depth of 10 to 14 feet below ground surface (bgs). Continuous soil sampling was performed at each location. Soil samples were screened with a calibrated photoionization detector (PID) for the presence of volatile organic vapors. Soil samples were visually observed for indications of staining, oils, fill, etc. PID readings, odors, visual observations and lithologic information were logged for each location. Test boring logs are presented in Appendix B. PID readings are summarized on Table 1. Stratigraphic units encountered in the four borings are summarized in Table 2.

During the well installation, slight deviations from the Work Plan were made at some of the well locations to accommodate apparent water table conditions. The deviations involved minor modifications to final well depths and well-screen and sand-pack lengths to allow for a deeper well than the 10-ft. depth specified in the Work Plan. Each well was constructed using 2-inch diameter, schedule-40 PVC with 8 to 12 feet of 0.010-inch slot well screen. The top of the screen was placed at a depth of 2 ft. bgs. Sand packs consisting of fine sand extending 6 inches above the top of the well screens were installed, and the sand packs were capped with bentonite seals. A protective casing held in place with a Portland cement concrete mix was installed at surface grade. An inner cap was installed on the well riser. Well construction records are presented in Table 3.

Wells were developed by manual surging and bailing with a bailer to establish communication between the sand pack and surrounding formation and, if possible to reduce the turbidity of the development purge water. Up to 15 gallons of purge water were removed from each well during development.

Locations and elevations of the tops of the outer covers and inner risers were surveyed relative to established national vertical and horizontal reference standards. Surveyed elevations are presented in Table 3.

2.4 Waste Management

Soil and debris generated during the installation of the wells were placed directly in 4 covered DOT-approved 55-gallon steel drums. Each drum was labeled as to contents. Soil material was collected from each of the 4 drums and combined in a representative composite sample submitted to the project laboratory for waste characterization analysis. Waste characterization results are presented in Appendix C. Disposal of the 4 soil drums is currently pending. Documentation of disposal will be forwarded to the Department at the time it is received, and a copy of the disposal documentation will be included in the final engineering report for the project.

Groundwater purged during well development was placed directly in 2 of the covered DOT-approved 55-gallon steel drums used to accumulate purge water generated during previous project groundwater sampling and LNAPL recovery events. The four drums containing purge water were removed from the site for off-site treatment and disposal on October 18, 2012. Documentation of disposal of the drums containing well development purge water is presented in Appendix D.

2.5 LNAPL Monitoring

Following installation, the new wells were added to the network of site groundwater and LNAPL monitoring wells. LNAPL and groundwater levels were measured in site wells on October 5 and November 16, 2012, and LNAPL was not encountered in any of the new wells on either date. A summary of initial monitoring results is presented in attached Table 4.

Going forward, the new wells will be monitored in accordance with the Water Level and LNAPL monitoring program specified in Section 3.3.1.1 of the SMP with the following clarification requested by the Department. Groundwater level measurements and a check for LNAPL will be performed at each new well quarterly for the first year following installation and then annually for wells without LNAPL, and quarterly for another year for wells with LNAPL. For those monitoring wells that exhibit the presence of LNAPL, quarterly LNAPL-recovery events will be performed. Results will be documented in the regular progress reports for the remedial project. The results of the LNAPL-monitoring and -recovery events will be evaluated to determine if additional actions are needed to address petroleum-impacted groundwater if it is found to be migrating from beneath the footprint of the Buell building.

LIST OF TABLES

Table 1 – Summary of Field Screening Results - Test Boring Soils

Table 2 – Stratigraphic Summary - Test Boring Soils

Table 3 – Well Completion Summary

Table 4 - Summary of Water and LNAPL Level Measurements

LIST OF FIGURES

Figure 1 – Site Location

Figure 2 - Site Plan Showing Monitoring Well Locations

LIST OF APPENDICES

Appendix A – CAMP Monitoring Records Appendix B – Test Boring Logs and Monitoring Well Installation Reports Appendix C – Waste Characterization Analysis Reports Appendix D – Waste Disposal Documentation

TABLE 1 SUMMARY OF FIELD SCREENING RESULTS - TEST BORING SOILS

Buell Automatics Gates, NY

		F	PID Readings					
Borehole	Macro	core™ Sleeve	Hea	dspace	Background			
	Depth	(nnm)	Depth	(ppm)	(ppm)			
	(ft. bgs)	(ppiii)	(ft. bgs)	(ppin)	(ppin)			
LNAPL MW Installat	<u>ions - Septem</u>	<u>iber 2012</u>						
MVV-19	0-2	0.0	1.5-1.7	0.0	0.0			
	2-4	0.0	-	-	0.0			
	4-4.4	0.4	-	-	0.0			
	4.4-5.0	0.8	-	-	0.0			
	5-6	2.6	5.5-6.0	0.0	0.0			
	6-7	0.1	-	-	0.0			
	7-8	0.0	-	-	0.0			
	8-10	0.0	8.6	0.0	0.0			
	050	0.0	-	-	0.0			
10100-20	0.5-2	0.0	-	-	0.0			
	2-4	0.0	3.0-4.0	0.0	0.0			
	4-6	0.0	-	-	0.0			
	6-8	0.0	7.0	0.0	0.0			
	8-10	0.0	9.0-10.0	0.2	0.0			
MW-21	0-2	0.0	-	-	0.0			
	2-4	0.0	35	0.1	0.0			
	4-6	0.0	4 0-5 0	4 1	0.0			
	6-8	0.0	-	-	0.0			
	8-10	0.0	-	-	0.0			
	10-12	0.0	10.5	1.3	0.0			
	10 12	0.0	10.0	1.0	0.0			
MW-22	0-2	0.0	1.5	0.0	0.0			
	2-4	0.0	-	-	0.0			
	4-4.7	1.7	-	-	0.0			
	4.7-5.5	4.6	5-6	173.4	0.0			
	5.5-5.9	99.7	-	-	0.0			
	5.9-6.7	68.4	6-7	130.1	0.0			
	6.7-7.0	17.4	-	-	0.0			
	7-8	0.5	7.8	46.4	0.0			
	8-8.5	0.5	-	-	0.0			
	8.5-9.0	0.2	9.0	0.1	0.0			
	9.0-9.5	0.1	-	-	0.0			
	9.5-14	0.0	13.5	2.5	0.0			

Notes:

1. ft. bgs = feet below ground surface.

2. ppm = parts per million.

3. Field screening data collected with a Mini-RAE 3000 PID equipped with a 10.6 eV lamp.

TABLE 2 STRATIGRAPHIC SUMMARY

Buell Automatics Gates, NY

Borina/	Ground		FIL	L			LACUSTR	INE SAND			SILT an	d CLAY			LACUSTR	INE SAND			GLAC			BED	ROCK
				_	Bottom				Bottom		0.2.1 0.1		Bottom				Bottom				Bottom		
Well	Elevation	Тор	Bottom	Top Elev.	Elev.	Тор	Bottom	Top Elev.	Elev.	Тор	Bottom	Top Elev.	Elev.	Тор	Bottom	Top Elev.	Elev.	Тор	Bottom	Top Elev.	Elev.	Тор	Top Elev.
Phase II Fi	old Data	(ft. bgs)	(ft. bgs)	(ft.AMSL)	(ft.AMSL)	(ft. bgs)	(ft. bgs)	(ft.AMSL)	(ft.AMSL)	(ft. bgs)	(ft. bgs)	(ft.AMSL)	(ft.AMSL)	(ft. bgs)	(ft. bgs)	(ft.AMSL)	(ft.AMSL)	(ft. bgs)	(ft. bgs)	(ft.AMSL)	(ft.AMSL)	(ft. bgs)	(ft.AMSL)
MW-1	563.9	0.0	0.0	-	-	0.0	20.0	563.9	543.9	20.0	>22.0	543.9	-	-	-	-	-	-	-	-	-	-	-
MW-2	561.9	0.0	3.0	561.9	558.9	3.0	12.5	558.9	549.4	12.5	19.0	549.4	542.9	-	-	-	-	19.0	> 21	542.9	-	-	-
MW-3	562.8	0.0	5.0	562.8	557.8	3.0	> 21	559.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	562.8	0.0	3.0	562.8	559.8	3.0	19.0	559.8	543.8	19.0	29.0	543.8	533.8	-	-	-	-	29.0	30.5	533.8	532.3	-	-
MW-5 B-1	562.1 562.8	0.0	4.0	562.1 562.8	558.1 559.8	4.0 3.0	18.0	558.1 559.8	544.1	-	-		-	-			-	18.0	>21.5	544.1	-	-	-
B-2	562.8	0.0	1.0	562.8	561.8	1.0	5.0	561.8	557.8	5.0	>7	557.8	-	-	-	-	-	-	-	-	-	-	-
B-3	562.8	0.0	1.0	562.8	561.8	1.0	6.0	561.8	556.8	6.0	>7	556.8	-	-	-	-	-	-	-	-	-	-	-
B-4	562.8	0.0	1.0	562.8	561.8	1.0	6.5	561.8	556.3	6.5	>7	556.3	-	-	-	-	-	-	-	-	-	-	-
B-5	562.8	0.0	1.0	562.8	561.8	1.0	6.5	561.8	556.3	6.5	>7	556.3	-	-	-	-	-	-	-	-	-	-	-
B-6 B-7	562.8 562.8	0.0	3.0	562.8 562.8	559.8 559.8	3.0	> 13	559.8 559.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remedial In	vestigation Fie	eld Data	0.0	002.0	000.0	0.0	2.11	000.0															
MW-2D	562.0	0.0	2.0	562.0	560.0	2.0	19.5	560.0	542.5	19.5	24.0	542.5	538.0	24.0	28.0	538.0	534.0	28.0	37.3	534.0	524.7	37.3	524.7
MW-6	560.3	0.0	2.6	560.3	557.7	2.6	11.2	557.7	549.1	11.2	15.0	549.1	545.3	15.0	15.9	545.3	544.4	15.9	> 19	544.4	-	-	-
MW-7	561.4	0.0	1.5	561.4	559.9	1.5	13.4	559.9	548.0	13.4	18.3	548.0	543.1	-	-	-	-	18.3	> 20	543.1	-	-	-
MW-9	562.0	0.0	1.5	562.0	560.7 559.5	1.5	11.0	559.5	545.0 550 1	-	-	- 545.0	- 542.4	-	-	542.4	- 539.4	22.0	> 24	559.4 550 1	-	-	-
MW-10	562.8	0.0	0.5	562.8	562.3	0.5	17.7	562.3	545.1	-	-	-	-	-	-	-	-	17.7	> 20	545.1	-	-	-
MW-11	559.3	0.0	1.5	559.3	557.8	1.5	11.2	557.8	548.1	-	-	-	-	-	-	-	-	11.2	> 20	548.1	-	-	-
MW-12	562.8	0.0	1.7	562.8	561.1	1.7	8.6	561.1	554.2	8.6	11.7	554.2	551.1	11.7	13.8	551.1	549.0	13.8	> 20	549.0	-	-	-
MW-13	563.9	0.0	0.8	563.9	563.1	0.8	20.0	563.1	543.9	20.0	26.0	543.9	537.9 546.1	26.0	27.8	537.9	536.1	27.8	> 34	536.1	-	-	-
MW-14	560.5	0.0	1.5	560.5	559.0 559.0	1.5	4.0 9.0	559.0 559.0	557.5 551.5	4.0 9.0	15.2	551.5	546.1 549.0	15.2	> 10	549.0	-	-	-	-	-	-	-
MW-16	562.6	0.0	2.0	562.6	560.6	2.0	5.5	560.6	557.1	5.5	>10	557.1	-	-	-	-	-	-	-	-	-	-	-
MW-17	556.6	0.0	2.0	556.6	554.6	2.0	9.0	554.6	547.6	9.0	>18	547.6	-	11.5	14.0	545.1	542.6	-	-	-	-	-	-
MW-18	556.6	0.0	2.0	556.6	554.6	-	-	-	-	2.0	21.0	554.6	535.6	21.0	>22	535.6	-	-	-	-	-	-	-
B-8 B-0	563.7 562.7	0.0	3.0	563.7	560.7	3.0	> 6.5	560.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-9 B-10	563.7	0.0	2.5	563.7	561.2	2.5	3.8	561.2	- 559.9	3.8	> 6	559.9	-	-	-		-	-		-		-	-
B-11	562.0	0.0	2.0	562.0	560.0	2.0	> 12	560.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-12	562.0	0.0	2.0	562.0	560.0	2.0	5.3	560.0	556.7	5.3	> 11	556.7	-	-	-	-	-	-	-	-	-	-	-
B-13	562.0	0.0	2.0	562.0	560.0	2.0	> 10	560.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-14 B-15	562.0 563.7	0.0	1.7	562.0 563.7	560.3 560.4	1.7	> 10	560.3 560.4	-	-	-	-	-	-	-	-	-	-		-	-	-	-
B-15 B-16	563.7	0.0	3.3	563.7	560.4 560.4	3.3	7.0	560.4 560.4	- 556.7	- 7.0	- >9	- 556.7	-	-			-	-		-	-	-	-
B-17	563.7	0.0	3.5	563.7	560.2	3.5	7.0	560.2	556.7	7.0	> 9	556.7	-	-	-	-	-	-	-	-	-	-	-
B-18	562.8	0.0	3.5	562.8	559.3	3.5	9.2	559.3	553.6	9.2	> 10	553.6	-	-	-	-	-	-	-	-	-	-	-
B-19	563.7	0.0	2.0	563.7	561.7	2.0	7.2	561.7	556.5	7.2	> 10.2	556.5	-	-	-	-	-	-	-	-	-	-	-
B-20	563.7	0.0	2.3	563.7	561.4	2.3	7.5	561.4	556.2	7.5	> 10	556.2	-	-	-	-	-	-	-	-	-	-	-
B-21 B-22	562.8	0.0	2.0	562.8	560.3	2.0	6.0	560.3	556.8	5.0 6.0	> 8	556.8	-	-			-	-		-		-	-
B-23	563.7	0.0	1.0	563.7	562.7	1.0	3.5	562.7	560.2	3.5	> 8	560.2	-	-	-	-	-	-	-	-	-	-	-
B-24	563.7	0.0	0.5	563.7	563.2	0.5	> 8	563.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-25	563.7	0.0	1.5	563.7	562.2	1.5	> 8	562.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-26 B-27	563.7 563.7	0.0	2.0	563.7 563.7	561.7 562.7	2.0	> 8 11 2	562.7	- 552 5	- 11 2	- > 12	- 552 5	-	-	-	-	-	-	-	-	-	-	-
B-28	563.7	0.0	0.4	563.7	563.3	0.4	11.5	563.3	552.2	11.5	> 12	552.2	-	-	-	-	-	-	-	-	-	-	-
B-29	563.7	0.0	0.5	563.7	563.2	0.5	7.5	563.2	556.2	7.5	> 8	556.2	-	-	-	-	-	-	-	-	-	-	-
B-30	563.7	0.0	3.0	563.7	560.7	3.0	4.8	560.7	558.9	4.8	> 12	558.9	-	-	-	-	-	-	-	-	-	-	-
B-31	563.7	0.0	3.0	563.7	560.7	-	-	-	-	3.0	> 8	560.7	-	-	-	-	-	-	-	-	-	-	-
B-32 B-33	563.7 563.7	0.0	2.5	563.7	563.2	2.5 0.5	> 10	563.2	-	-	-		-	-		-	-	-	-	-	-	-	-
B-34	563.7	0.0	0.5	563.7	563.2	0.5	7.0	563.2	556.7	7.0	> 8	556.7	-	-	-	-	-	-	-	-	-	-	-
B-35	563.7	0.0	2.0	563.7	561.7	2.0	5.0	561.7	558.7	5.0	> 8	558.7	-	-	-	-	-	-	-	-	-	-	-
B-36	563.7	0.0	3.0	563.7	560.7	-	-	-	-	3.0	>10	560.7	-	-	-	-	-	-	-	-	-	-	-
B-37 B-38	563.7 563.7	0.0	2.2	563.7 563.7	561.5 561.8	2.2	6.U 3.5	561.5	557.7 560.2	6.U 3.5	> 8 > 6	557.7 560.2	-	-	-	-	-	-	-	-	-	-	-
B-30 B-39	563.7	0.0	2.0	563.7	561.7	2,0	5.0	561.7	558.7	5.0	> 8	558.7	-	-	-	-	-		-	-	-	-	-
B-40	563.7	0.0	2.0	563.7	561.7	2.0	5.0	561.7	558.7	5.0	> 8	558.7	-	-	-	-	-	-	-	-	-	-	-
B-41	563.7	0.0	1.9	563.7	561.8	1.9	2.3	561.8	561.4	2.3	> 8	561.4	-	-	-	-	-	-	-	-	-	-	-
B-42	563.7	0.0	2.0	563.7	561.7	2.0	> 8	561.7	-	2.0	7.0	561.7	556.7	-	-	-	-	-	-	-	-	-	-
B-43 R-44	563.7	0.0	2.0	563.7 563.7	561.7	2.0	ъ.5 5 0	561.7 561 7	557.2 558 7	6.5 5.0	> ४ < २	557.2 558.7	-	-	-	-	-	-	-	-	-	-	-
LNAPL Mon	itoring Well In	stallations. S	eptember 20)12	501.7	2.0	5.0	501.7	000.7	5.0	/0	556.7	-	-	-	-	-	-	-	-	-	-	-
MW-19	563.51	0.0	0.6	563.5	562.9	0.6	1.6	562.9	561.9	1.6	4.0	561.9	559.5	4.0	> 10	559.5	-	-	-	-	-	-	-
MW-20	561.44	0.0	3.0	561.4	558.4	3.0	> 10	558.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	560.28	0.0	2.0	560.3	558.3	2.0	10.5	558.3	549.8	-	-	-	-	-	-	-	-	10.5	> 12	549.8	-	-	-
	302.10	0.0	1.0	002.2	500.7	1.0	0.0	500.7	000.2	-	-	-	-	-	-	-	-	0.0	> 14	000.2	-	-	-

 Notes:

 1. Reference elevations based upon vertical datum NGVD 29.

 2. ft. bgs = feet below ground surface.

TABLE 3 WELL COMPLETION SUMMARY **Buell Automatics**

Gates, NY

Well Designation	Completion Date	Elevation (ft. AMSL) (NGVD 29)		Bentonite Seal	Sandpack Interval	Screened Interval	Lower Seal	Total Depth
		Ground	Reference	(ft. bgs)	(ft. bgs)	(ft. bgs)	(ft. bgs)	(ft. bgs)
MW-1	5/26/99	562.9	562.7	8.0-10.0	10.0-22.0	12.0-22.0		22.0
MW-2	5/26/99	561.9	561.71	7.0-9.0	9.0-21.0	11.0-21.0		21.0
MW-2D	8/8/02	562.0	561.56	20.8 - 31.3	31.3 - 42.3	32.3 - 42.3		42.3
MW-5	5/26/99	562.1	561.76	7.0-9.0	9.0-21.0	11.5-21.5		21.5
MW-6	8/8/02	560.3	559.78	2.0-4.0	4.0-19.0	5.0-19.0		19.0
MW-7	5/21/02	561.4	560.83	2.0-4.0	4.0-20.0	5.0-20.0		20.0
MW-8	5/21/02	562.0	561.48	2.0-4.0	4.0-19.5	5.0-19.0	19.5 - 24.0	24.0
MW-9	8/6/02	561.1	560.36	2.0-4.0	4.0-16.0	5.0 - 15.0		16.0
MW-10	8/5/02	562.8	562.37	2.0-4.0	4.0-20.0	5.0-20.0		20.0
MW-11	8/7/02	559.3	559.05	2.0-4.0	4.0-20.0	5.0-20.0		20.0
MW-12	5/22/02	562.8	562.3	2.0-4.0	4.0-20.0	5.0-20.0		20.0
MW-13	5/20/02	563.9	563.42	2.0-4.0	4.0-21.0	5.2-20.2	21.0 - 34.0	34.0
MW-14	2/25/03	561.2	560.9	1.5 - 3.0	3.0 - 13.0	4.0 - 13.0	13.0 - 16.0	16.0
MW-15	2/25/03	560.4	560.1	1.5 - 3.0	3.0 - 10.0	4.0 - 10.0	10.0 - 12.0	12.0
MW-16	11/22/05	562.60	561.97	1.0-3.0	3.0-8.0	4.0-8.0	8.0-10.0	10.0
MW-17	11/22/05	556.60	556.16	3.0-6.0	6.0-18.0	7.0-17.0		18.0
MW-18	11/22/05	557.00	556.48	10.6-13.2	13.2-20.5	15.5-20.5	20.5-21.0	21.0
MW-19	9/20/12	563.51	563.09	0.5-1.5	1.5-10.0	2.0-9.9		14.0
MW-20	9/20/12	561.44	561.15	1.0-1.5	1.5-10.7	2.0-10.0		10.7
MW-21	9/20/12	560.28	559.91	0.5-1.5	1.5-10.0	2.0-9.9		10.0
MW-22	9/20/12	562.16	561.73	0.5-1.5	1.5-14.0	2.0-13.9		14.0
RW-1	12/30/03	563.7	563.27	0.5-1.5	1.5-6.0	2.0-6.0		6.0
RW-2	12/30/03	563.8	563.25	0.5-1.0	1.0-6.5	1.5-6.5		6.5

Notes:

1. NS = Not Surveyed

ft. bgs = all depths feet below ground surface.
 All wells completed with flush-mount protective casings.

Monitoring	Ground	Reference August 1, 2011			August 3, 2011	1		August 5, 2011	1	S	eptember 9, 20	11	S	eptember 30, 20	11		
weii	Elevation	Elevation	oil (ft. btoo)	Oil/Water Leve	el (olovation)**	oil (ft. btoo)	Oil/Water Leve	(alovation)**	oil (ft. btoo)	Ull/Water Leve	(alayation)**	oil (ft. btoo)	Oil/water Leve	(alovation)**	oil (ft. btoo)	Oil/Water Leve	(olovation)**
MW-1	563.9	562.70	NP	5.62	557.08												
MW-2	561.9	561.71	NP	5.14	556.57												
MW-2 D	562.0	561.56	†	†													
MW-3	[‡]	[‡]	NP	1.94	[‡]												
MW-4	[‡]	‡	5.25	5.35	[‡]	5.30	5.37	[‡]	5.29	5.35	[‡]	4.78	4.80	[‡]		[†]	
MW-5	562.1	561.76	NP	4.84	556.92												
MW-6	560.3	559.78	NP	3.95	555.83												
MW-7	561.4	560.83	NP	4.95	555.88												
MW-8	562.0	561.48	NP	5.44	556.04												
MW-9	561.1	560.36	4.15	4.20	556.21	4.12	4.23	556.23	4.66	4.70	555.70	3.30	3.35	557.06	NP	3.40	557.0
MW-10	562.8	562.37	1.92	5.34	560.11	2.20	5.60	559.83	2.85	3.07	559.50	1.52	2.99	560.70	1.87	2.55	560.43
MW-11	559.3	559.05	NP	5.55	553.50												
MW-12	562.8	562.30	NP	4.26	558.04												
MW-13	563.9	563.42	NP	5.85	557.57												
MW-14	561.3	560.90	NP	5.11	555.79												
MW-15	560.5	560.10	NP +	4.20	555.90												
MW-16	562.6	561.97	'	'					NP	1.56	560.41						
MW-17	556.6	556.16	NP	3.70	552.46												
MW-19	563 51	563.09		ary													
MW-10	561.44	561.15															
MW-21	560.28	559.91															
MW-22	562.16	561.73															
RW-1	563.7	563.27	NP	4.95	558.32												
RW-2	563.8	563.25	NP	5.94	557.31												

Notes: **1.** Reference elevation based upon vertical

datum NGVD 29.

2. ft. btoc = feet below top of casing.

3. * = oily floating product

4. ** = Water table elevation adjusted for

thickness and estimated density of floating oil

5. (---) = Not measured

6. NP = No product present

7. + = Well inaccessible at time of measurement

8. \ddagger = Well installed by others, elevation data not available

9. Explanation of blank spaces:

MW-3 filled with debris beginning in January 2012.

MW-17 destroyed or removed by others prior to July 25, 2012 sampling event.

MW-19 through MW-22 were not installed until September 2012.

Monitoring	Ground	Reference	erence November 4, 2011		11	December 9, 2011			January 9, 2012			February 9, 2012			March 14, 2012		
Well	Elevation	Elevation		Oil/Water Leve		ail (ft. htea)	Oil/Water Leve	(alayetian)**		Oil/Water Leve	(alay (ation) **		Oil/Water Leve	(alay (ation) **		·	(alouation)**
				water (it. bloc)	(elevation)		water (it. bloc)	(elevation)		water (it. bloc)	(elevation)		water (It. bloc)	(elevation)		water (it. bloc)	(elevation)
MW-1	563.9	562.70	NP	3.81	558.89										NP	3.47	559.23
MW-2	561.9	561.71	NP	3.56	558.15							NP	3.16	558.7	NP	2.60	559.11
MW-2 D	562.0	561.56		†			[†]									[†]	
MW-3	*	*		[†]			[†]			Debris in well	I						
MW-4	*	[‡]	3.41	3.50	[‡]	NP	3.14	[‡]							2.63	2.70	[‡]
MW-5	562.1	561.76	NP	3.92	557.84										NP	2.20	559.56
MW-6	560.3	559.78	NP	3.19	556.59										NP	1.96	557.82
MW-7	561.4	560.83	NP	3.51	557.32										NP	2.69	558.14
MW-8	562.0	561.48	NP	3.85	557.63										NP	2.91	558.57
MW-9	561.1	560.36	NP	2.76	557.60	NP	1.88	558.5	NP	3.10	557.3	NP	2.34	558.0	NP (see note)	1.93	558.43
MW-10	562.8	562.37	2.61	2.75	559.75	See no	te below	560.23	NP	2.33	560.0	NP	2.34	560.0	NP (see note)	1.79	560.58
MW-11	559.3	559.05	NP	5.21	553.84										NP	4.08	554.97
MW-12	562.8	562.30	NP	2.61	559.69										NP	1.79	560.51
MW-13	563.9	563.42	NP	4.51	558.91										NP	3.40	560.02
MW-14	561.3	560.90	NP	5.34	555.56										NP	1.77	559.13
MW-15	560.5	560.10	NP	3.21	556.89										NP	1.47	558.63
MW-16	562.6	561.97	NP	0.36	561.61										NP	0.90	561.07
MW-17	556.6	556.16	NP	3.36	552.80										NP	1.91	554.25
MW-18	556.6	556.48	NP	2.28	554.20										NP	20.00	536.48
MW-19	563.51	563.09															
MW-20	561.44	561.15															
MW-21	560.28	559.91															
MW-22	562.16	561.73															
RW-1	563.7	563.27	NP	4.01	559.26										NP	3.46	559.81
RW-2	563.8	563.25	NP	5.54	557.71										NP	1.45	561.80
	I	I	<u> </u>	L	1	Notes on mea	surement at MV	V-10 on		1	1	1	1	1	Notes on mea	surement at MV	V-9 and MW-10

12/9/2011:

The oil/water interface probe readings indicated water from 2.14 ft. to 2.51 ft., then oil to 3.76 ft, then water below the oil. Oil was confirmed as present with a bailer. Refer to Table 2 for additional information.

on 3/8/12:

One monitoring well sock was removed from both MW-9 and MW-10. Both socks were saturated with approximately 50% oily residue and 50% water. No floating product was measured in either well and no oil was visible on the oil/water interface probe.

Monitoring	Ground	Reference	April 5, 2012 Oil/Water Level		May 2, 2012			June 8, 2012				July 3, 2012	-	July 25, 2012			
Well	Elevation	Elevation	ail (ft. htea)	Oil/Water Leve	(alay (ation) **		Oil/Water Leve	(alay (ation) **		Oil/Water Leve	(alay (ation) **		Oil/Water Leve	(alayotian)**		Oil/Water Leve	
				water (It. bloc)	(elevation)		water (it. bloc)	(elevation)	OII (IT. DIOC)	water (it. btoc)	(elevation)		water (It. bloc)	(elevation)		water (it. bloc)	(elevation)
MW-1	563.9	562.70				NP	3.62	559.08							NP	6.19	556.51
MW-2	561.9	561.71				NP	2.64	559.07							NP	6.04	555.67
MW-2 D	562.0	561.56					[†]									†	
MW-3	*	[‡]															
MW-4	[‡]	[‡]	NP	3.34	*	NP	2.56	*	NP	3.17	*	NP	3.05	*	4.73	4.75	*
MW-5	562.1	561.76				NP	2.32	559.44							NP	5.44	556.32
MW-6	560.3	559.78				NP	1.99	557.79							NP	5.19	554.59
MW-7	561.4	560.83				NP	2.68	558.15							NP	5.75	555.08
MW-8	562.0	561.48				NP	2.89	558.59							NP	6.14	555.34
MW-9	561.1	560.36	NP	2.66	557.7	NP	1.45	558.91	NP	2.68	557.7	NP	2.37	558.0	5.15	5.15	555.21
MW-10	562.8	562.37	NP	2.45	559.9	NP	1.87	560.50	NP	2.46	559.9	NP	2.18	560.2	4.14	6.25	558.02
MW-11	559.3	559.05				NP	4.44	554.61							NP	6.34	552.71
MW-12	562.8	562.30				NP	1.93	560.37							NP	4.87	557.43
MW-13	563.9	563.42				NP	3.52	559.90							NP	6.36	557.06
MW-14	561.3	560.90				NP	2.38	558.52							NP	3.95	556.95
MW-15	560.5	560.10				NP	1.62	558.48							NP	5.47	554.63
MW-16	562.6	561.97				NP	0.80	561.17							NP	3.75	558.22
MW-17	556.6	556.16				NP	1.89	554.27							We	II destroyed/cov	ered
MW-18	556.6	556.48				NP	20.00	536.48							NP	18.27	538.21
MW-19	563.51	563.09															
MW-20	561.44	561.15															
MW-21	560.28	559.91															
MW-22	562.16	561.73															
RW-1	563.7	563.27				NP	3.50	559.77							NP	5.20	558.07
RW-2	563.8	563.25				NP	4.21	559.04							NP	dry	
			•												Notes on measure	surement at MV	V-9 and MW-10

on 7/25/12:

One LNAPL recovery sock was removed from each well. Both socks were saturated with approximately 50% oily residue and 50% water. Floating product was encountered in both wells.

Monitoring	Ground	Reference	e July 26, 2012		August 3, 2012			September 7, 2012			October 5, 2012			November 16, 2012			
Well	Elevation	Elevation	oil (ft. btoo)	Oil/Water Leve	(alouation)**	oil (ft. btoo)	Oil/Water Leve	(alayotian)**	oil (ft. btoo)	Oil/Water Leve	(alayotian)**	oil (ft. btoo)	Oil/Water Leve	(alouation)**	oil (ft. btoo)	Oil/Water Leve	(alayotian)**
MW-1	563.9	562.70												(elevation)	NP	4.60	558.10
MW-2	561.9	561.71													NP	4.63	557.08
MW-2 D	562.0	561.56													†	[†]	[†]
MW-3	[‡]	*															
MW-4	[‡]	*				NP	3.68	*	NP	2.72	*	NP	5.41	[‡]	NP	3.36	[‡]
MW-5	562.1	561.76													NP	3.84	557.92
MW-6	560.3	559.78	NP	5.54	554.24										NP	3.57	556.21
MW-7	561.4	560.83	NP	5.59	555.24										NP	4.42	556.41
MW-8	562.0	561.48	NP	5.86	555.62										NP	4.52	556.96
MW-9	561.1	560.36	NP	4.75	555.61	3.96	3.98	556.38	2.85	2.87	557.49	NP	4.68	555.68	NP	3.72	556.64
MW-10	562.8	562.37	3.65	3.80	558.71	2.88	3.11	559.47	1.99	2.11	560.37	3.15	4.68	559.07	NP	4.62	557.75
MW-11	559.3	559.05	NP	6.65	552.40										NP	3.40	555.65
MW-12	562.8	562.30													NP	3.45	558.85
MW-13	563.9	563.42													NP	4.96	558.46
MW-14	561.3	560.90													NP	2.84	558.06
MW-15	560.5	560.10													NP	3.15	556.95
MW-16	562.6	561.97													NP	1.88	560.09
MW-17	556.6	556.16															
MW-18	556.6	556.48													NP	17.57	538.91
MW-19	563.51	563.09										NP	5.68	557.41	NP	3.96	559.13
MW-20	561.44	561.15										NP	5.05	556.10	NP	4.02	557.13
MW-21	560.28	559.91										NP	4.22	555.69	NP	3.41	556.50
MW-22	562.16	561.73										NP	5.44	556.29	NP	4.49	557.24
RW-1	563.7	563.27													NP	3.66	559.61
RW-2	563.8	563.25													NP	Dry	



Stantec Consulting 2250 Brighton Henrietta Townline Road Rochester, NY 14623 Phone 585.475.1440 Fax 585.424.5951 www.stantec.com Copyright 2007

Buell Auto

Figure 1 - Site Location Map



Stantec	Stantec Consulting S 61 Commercial Street Rochester NY U.S.A. 14614-1009 Tel. 585.475.1440 Fox. 585.272.1814 www.stantec.com
Copyright Reserved The Contractor shall w NOT scale the drawing Stantee without delay. The Copyrights to all o Stantee. Reproduction authorized by Stantee	trify and be responsible for all dimen - any errors or omissions shall be lesigns and drawings are the property or use for any purpose other than th is forbidden.
Consultants	
Legend	
	NG MONITORING WELL
Notes	
Issued	 Ву Арр
Permit-Seal	
Project/ Client	
BUELL AUTO	MATICS
Title SITE PLAN SH LOCATIONS C MONITORING	HOWING DF NEW LNAPL WELLS
Project No. 190500033	Scale SEE SCALE BAR
Drawing No. FIG . 2	Sheet Re

Appendix A

CAMP Monitoring Records

900	
5	
Stan	tec

AIR MONITORING

Name(s):	Sem Burke	W.II Armenton
Date:	9/20/12	/

Project:

Ø

C

Â γþ Buell 190500033

Weather Conditions: 5015, Windy Sunny

9/20/12

Estimated Wind Directions: NEC 0805

Estimated Wind Speed (calm, moderate, strong): <u>Lalm-mod C 0505</u>

Behind 1 Location Where Background Reading Obtained: up: Back cight corner of conforting Down of

TIME	U	PGRADIE	NT	DO	WNGRAD	IENT	WORK AREA		
HRS/MIN	DUST	VOC	LEL	DUST	VOC	LEL	DUST	VOC	LEI
0845	0.009	0.D		0.013	0.0	1		,00	LLL
0930	0.006	0.0		0.018	0.0				
10 00	0,005	0.0		0,009	0.0				
1015	0,006	0,0		0,013	0.0			1	
1030	0.005	0.0		0.015	0.0	P		· · · · ·	1
1045	0.004	1.000		0,004	0,0				
100	0.003	0.0		0.010	0.0				1
115	0.004	0.0		0,007	0.0				
130	0.004	0.0		0,004	0.0				
1145	0.004	0.0		0,006	0.0				
200	0.005	0.0		0009	00	1.1	1		
330	0.007	00		0003	0.0	1.			
345	0.005	0,0		0.008	0.0				
400	0.018	0.0		0.005	0.0				1
415	0.004	0.0		0,004	0.0				
445	0.025	0.0		0.009	0.0				
515	0.005	0.0		0.035	0.0				
530	0,005	0,0	101	0,019	0.0		-		
545	0,004	6,0		8100	0.0				
600	0.005	0.0		0.007	0.0				
Note VE	C mont	Printo			-				
TON	Round a	elina							
Mi	1. RAET	3000							
wi-	tha 10,1	ber lamp							
			100						
			100						
			111						
	-		V			1/	·		

V:\1905\administration\Environ\FORMS\field forms\STANTEC forms\CAMP\CAMP FORM.DOC

Appendix B

Test Boring Logs and Monitoring Well Installation Reports



61 Commercial Street Rochester, NY 14614 (585) 475-1440

Test Boring No.: MW-19

Page 1 of 1

Project:	Buell Road	Drill Contractor:	Nothnagle	Start Date:	9/20/2012
Project #:	190500033	Driller:	K. Bush	Completion Date:	9/20/2012
Client:	Buell Automatics	Elevation:	N/A	Drilling Method:	HSA, Macrocore
Location:	Buell Road, Gates, NY	Weather:	Sun, 70s F	Supervisor:	S. Burke

		SAN	IPLE			Headspace sample	
0	PID	Rec.	No.	Depth		Remarks	PID (ppm)
	0.0	3.0	1	0-4'	0.0' - 0.6'	Asphalt and subbase	
					0.6' - 1.6'	Red-brown SAND, trace silt, moist	
							1.5-1.7' = 0.0
				1	1.6' - 4.0'	Red-brown CLAY, some silt, moist	
_							
	0.2	3.4	2	4-8'	4.0' - 5.8'	Red-brown SILT, some medium-coarse sand, moist	
5	0.8						
				1			
	2.6				5.8' - 6.6'	Light brown fine SAND, little silt, wet	5.5-6.0' = 0.0
				1	6.6' - 8.0'	Light brown fine SAND, little silt, moist	
	0.1			1			
	0.0	2.0	3	8-10'	8.0' - 8.5'	Red-brown SAND, some silt, moist	
					8.5' - 8.7'	Red-brown SAND, some silt, some gravel, moist	8.6' = 0.0
					8.7' - 10.0'	Red-brown SAND, little silt, moist	
10							
					Boring terminate	ed at 10.0' below ground surface	
					No indication of	odor, staining, or petroleum sheen noted	
15							
20							

Notes:

1. Field screening data collected with a Mini-RAE 3000 PID equipped with a 10.6 eV lamp.

2. PID screening results are in parts per million (ppm).



OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME	381 Buell Rd	HOLE DESIGNATION	MW-19
PROJECT NUMBER	190500033	DATE COMPLETED	9/20/2012
CLIENT	Buell Automatics	DRILLING METHOD	HSA
LOCATION	381 Buell Rd	SUPERVISOR	S. Burke
	Gates, NY		



SCREEN TYPE:	CONTINUOUS	SLOT <u>X</u>	_ PERFOR	ATED	LOUV	′RE	OTHE	R
SCREEN MATERIAL:	STAINLESS S	TEEL	_	PVC <u>X</u>	OTH	ER _		
SCREEN LENGTH:	8.0	ft	SCREEN DI	AMETER <u>2.0</u>	in.	SCREEN		Sch. 40
WELL CASING MATERIAL:			PVC	WE	ELL CASING DI	AMETER:	2.0	in
HOLE DIAMETER:		4.25 in.						



61 Commercial Street Rochester, NY 14614 (585) 475-1440

Test Boring No.: MW-20

Page 1 of 1

Project:	Buell Road	Drill Contractor:	Nothnagle	Start Date:	9/20/2012
Project #:	190500033	Driller:	K. Bush	Completion Date:	9/20/2012
Client:	Buell Automatics	Elevation:	N/A	Drilling Method:	HSA, Macrocore
Location:	Buell Road, Gates, NY	Weather:	Sun, 70s F	Supervisor:	S. Burke

		SAN	IPLE			Headspace sample	
0	PID	Rec.	No.	Depth		Remarks	PID (ppm)
	0.0	2.2	1	0-4').0' - 1.0' Aspha	alt and subbase	
					I.0' - 2.9' Red-b	rown SILT, with little sand, little gravel, moist	
					-FIL	L-	
					2.9' - 4.0' Red-b	rown fine SAND, trace silt, wet	3.0-4.0' = 0.0
	0.0	1.2	2	4-8'	1.0' - 8.0' Brown	n fine SAND, trace gravel, wet	
5						-	
							7.0' = 0.0
	0.0	1.5	3	8-10'	3.0' - 10.0' Brown	n fine SAND, wet	
					-LAG	CUSTRINE SAND-	
							9.0-10.0' = 0.0
10							
					Boring terminated at 10.0	' below ground surface	
					No indication of odor, stai	ining, or petroleum sheen noted	
. –							
15							
20							

Notes:

1. Field screening data collected with a Mini-RAE 3000 PID equipped with a 10.6 eV lamp.

2. PID screening results are in parts per million (ppm).



OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME	381 Buell Rd	HOLE DESIGNATION	MW-20
PROJECT NUMBER	190500033	DATE COMPLETED	9/20/2012
CLIENT	Buell Automatics	DRILLING METHOD	HSA
LOCATION	381 Buell Rd	SUPERVISOR	S. Burke
	Gates, NY		
		-	



SCREEN TYPE:	CONTINUOUS	SLOT <u>x</u>	_ PERFORA	TED	LOUV	RE	OTHE	R
SCREEN MATERIAL:	STAINLESS S	TEEL	-	PVC <u>X</u>	OTHE	R		
SCREEN LENGTH:	7.7	ft	SCREEN DIA	METER <u>2.0</u>	in.	SCREEN	SLOT SIZE:	Sch. 40
WELL CASING MATERIAL:			PVC	WELI	L CASING DI	AMETER:	2.0	in
HOLE DIAMETER:		4.25 in.						



61 Commercial Street Rochester, NY 14614 (585) 475-1440

Test Boring No.: MW-21

Page 1 of 1

Project:	Buell Road	Drill Contractor:	Nothnagle	Start Date:	9/20/2012
Project #:	190500033	Driller:	K. Bush	Completion Date:	9/20/2012
Client:	Buell Automatics	Elevation:	N/A	Drilling Method:	HSA, Macrocore
Location:	Buell Road, Gates, NY	Weather:	Sun, 70s F	Supervisor:	S. Burke

		SAMPLE			Headspace sample		
0	PID	Rec.	No.	Depth		Remarks	PID (ppm)
	0.0	2.7	1	0-4'	0.0' - 0.8'	Asphalt and subbase	
					0.8' - 2.0'	Light-brown coarse to fine SAND, little gravel, dry	
						-FILL-	
					2.0' - 3.9'	Red-brown fine SAND, trace silt, trace medium to coarse	
						sand, moist	
						-LACUSTRINE SAND-	
							3.5' = 0.1
	0.0	2.7	2	4-8'	3.9' - 4.0'	-GRAVEL-	4.0-5.0 = 4.1
5					4.1' - 8.0'	Red-brown fine SAND, trace silt, trace medium to coarse	
						sand, moist to 4.3', wet below 4.3'	
						-LACUSTRINE SAND-	
	0.0	2.0	3	8-10'	8.0' - 10.5'	Red-brown fine SAND, trace silt, trace medium to coarse	
						sand, wet	
10							
10							
					10 5' 10 0'	Ded brown CILT trace to little cand and fine group maint	1051 12
					10.5 - 12.0	to wot	10.5 = 1.5
					Boring terminate	ad at 12 0' below ground surface	
					No indication of	odor staining or petroleum sheen noted	
						odol, otalining, of policioan check herea	
15							
20							

Notes:

1. Field screening data collected with a Mini-RAE 3000 PID equipped with a 10.6 eV lamp.

2. PID screening results are in parts per million (ppm).



OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME	381 Buell Rd	HOLE DESIGNATION	MW-21
PROJECT NUMBER	190500033	DATE COMPLETED	9/20/2012
CLIENT	Buell Automatics	DRILLING METHOD	HSA
LOCATION	381 Buell Rd	SUPERVISOR	S. Burke
	Gates, NY		



SCREEN TYPE:	CONTINUOUS	SLOT <u>X</u>	_ PERFOR	ATED	LOU	VRE	OTHE	R
SCREEN MATERIAL:	STAINLESS S	TEEL	_	PVC <u>X</u>	OTH	IER		
SCREEN LENGTH:	8.0	ft	SCREEN DI	AMETER <u>2.0</u>	in.	SCREEN	SLOT SIZE:	Sch. 40
WELL CASING MATERIAL:			PVC	WE	LL CASING D	AMETER:	2.0	in
HOLE DIAMETER:		4.25 in.						



61 Commercial Street Rochester, NY 14614 (585) 475-1440

Test Boring No.: MW-22

Page 1 of 1

Project:	Buell Road	Drill Contractor:	Nothnagle	Start Date:	9/20/2012
Project #:	190500033	Driller:	K. Bush	Completion Date:	9/20/2012
Client:	Buell Automatics	Elevation:	N/A	Drilling Method:	HSA, Macrocore
Location:	Buell Road, Gates, NY	Weather:	Sun, 70s F	Supervisor:	S. Burke

		SAN	IPLE	Soil Information		Headspace sample	
0	PID	Rec.	No.	Depth		Remarks	PID (ppm)
	0.0	3.0	1	0-4'	0.0' - 0.7'	Asphalt and subbase	
					0.7' - 1.5'	Brown fine SAND, with some gravel, dry	
						-FILL-	
					1.5' - 3.8'	Red-brown SILT, some sand, dry	1.5' = 0.0
					3.8' - 4.0'	Red-brown fine SAND, trace medium to coarse sand, moist	
		3.5	2	4-8'	4.0' - 6.0'	Red fine SAND, trace medium to coarse sand, moist	
5	1.7						
	4.6						5.0-6.0' = 173.4
	99.7				6.0' - 8.0'	Brown SILT, some fine to medium sand, moist	
							6.0-7.0' = 130.1
	68.4						
	17.4						
							7.8' = 46.4
		2.0	3	8-10'	8.0' - 8.5'	Red-brown SILT, some clay, dry	
	0.5				8.5' - 9.5'	Red-brown SILTY CLAY, some coarse sand, dry	
	0.2						9.0' = 0.1
10	0.1						
	0.0	4.2	4		10.0' - 13.2'	Brown CLAY, some silt, occaisional gravel, moist	
					13.2' - 14.0'	Red-brown SAND, some silt, wet	13.5' = 2.5
					Boring terminated	at 10.0' below ground surface	
15					No indication of oc	lor, staining, or petroleum sheen noted	
20							

Notes:

1. Field screening data collected with a Mini-RAE 3000 PID equipped with a 10.6 eV lamp.

2. PID screening results are in parts per million (ppm).



OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME	381 Buell Rd	HOLE DESIGNATION	MW-22
PROJECT NUMBER	190500033	DATE COMPLETED	9/20/2012
CLIENT	Buell Automatics	DRILLING METHOD	HSA
LOCATION	381 Buell Rd	SUPERVISOR	S. Burke
	Gates, NY		



SCREEN TYPE:	CONTINUOUS	SLOT <u>X</u>	_ PERFOR	ATED	LOUV	/RE	OTHER	2
SCREEN MATERIAL:	STAINLESS S	STEEL	_	PVC <u>X</u>	OTH	ER		
SCREEN LENGTH:	11.9	ft	SCREEN DI	AMETER <u>2.0</u>	in.	SCREEN SL	OT SIZE:	Sch. 40
WELL CASING MATERIAL:			PVC	WELI	_ CASING DI	IAMETER:	2.0 ir	า
HOLE DIAMETER:		4.25 in.						

Appendix C

Waste Characterization Analysis Report



Analytical Report Cover Page

<u>Stantec</u>

For Lab Project # 12:4271 Issued October 22, 2012 This report contains a total of 8 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report or are noted below:

Reduced sample size used for TCLP (1311) extraction due to a visually homogeneous matrix.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

- "<" = analyzed for but not detected at or above the reporting limit.
- "E" = Result has been estimated, calibration limit exceeded.
- "Z" = See case narrative.
- "D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
- "M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
- "B" = Method blank contained trace levels of analyte. Refer to included method blank report.



PARADIGM INVIRGEMENTAL TERVICES, INC. 179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

Date Analyzed:

10/16/2012

LAB REPORT FOR SOIL/SOLID/SLUDGE pH MEASURED IN WATER

Client:	<u>Stantec</u>	Lab Project No.:	12:4271
Client Job Site:	Buell Automatics	Sample Type: Method:	Soil SW846 9045C
Client Job No.:	190500033		
		Date Sampled:	10/05/2012
		Date Received:	10/15/2012

Lab Sample No.	Field ID No.	Field Location	pH Results (S.U.)	
12:4271-01	N/A	Soil Drum Composite	8.40 @ 23.1 °C	
			~~~~~	

Comments:

Approved By:

Bruce Hoogesteger, Technical Director



PARADIGM

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

# LAB REPORT FOR FLASHPOINT ANALYSIS

Lab Project No.:	12:4271
Sample Type:	Soil
Method:	SW846 1010A
Date Sampled:	10/05/2012
Date Received:	10/15/2012
Date Analyzed:	10/22/2012
	Lab Project No.: Sample Type: Method: Date Sampled: Date Received: Date Analyzed:

Lab Sample No.	Field ID No.	Field Location	Flashpoint Results (°C)
12:4271-01	N/A	Soil Drums Composite	>70.0
		· · · · · · · · · · · · · · · · · · ·	

ELAP ID No.:10958

Comments:

Approved By: _

Bruce Hoogesteger, Technical Director This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. File ID:12-4271.xls



# LAB REPORT FOR TCLP RCRA METALS ANALYSIS

Client:	<u>Stantec</u>
Client Job Site:	<b>Buell Automatics</b>

**Client Job No.:** 190500033

Field Location:Soil Drums CompositeField ID No.:N/A

Lab Project No.: 12:4271 Lab Sample No.: 12:4271-01A

Sample Type: TCLP Extract

**Date Sampled:** 10/05/2012 **Date Received:** 10/15/2012

Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
10/18/2012	SW846 1311/3005/6010	<0.100	5.0
10/18/2012	SW846 1311/3005/6010	2.01	100
10/18/2012	SW846 1311/3005/6010	<0.025	1.0
10/18/2012	SW846 1311/3005/6010	<0.050	5.0
10/18/2012	SW846 1311/3005/6010	<0.100	5.0
10/18/2012	SW846 1311/7470	<0.0020	0.2
10/18/2012	SW846 1311/3005/6010	<0.100	1.0
10/18/2012	SW846 1311/3005/6010	<0.050	5.0
	Date Analyzed 10/18/2012 10/18/2012 10/18/2012 10/18/2012 10/18/2012 10/18/2012	Date Analyzed         Analytical Method           10/18/2012         SW846 1311/3005/6010           10/18/2012         SW846 1311/3005/6010	Date Analyzed         Result (mg/L)           10/18/2012         SW846 1311/3005/6010         <0.100

ELAP ID No.:10958

Comments:

Approved By:

Bruce Hoogesteger, Technical Director



## Semi-Volatile Analysis Report for TCLP Extract

#### Client: Stantec

Client Job Site:	Buell Automatics	Lab Project Number: Lab Sample Number:	12:4271 12:4271-01A
Client Job Number:	190500033		
Field Location:	Soil Drums Composite	Date Sampled:	10/05/2012
Field ID Number:	N/A	Date Received:	10/15/2012
Sample Type:	TCLP Extract	Date Analyzed:	10/18/2012

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	< 40.0	7,500
2,4-Dinitrotoluene	< 40.0	130
Hexachlorobenzene	< 40.0	130
Hexachlorobutadiene	< 40.0	500
Hexachloroethane	< 40.0	3000
Nitrobenzene	< 40.0	2000
Pyridine	< 40.0	5000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	< 40.0	200,000
Pentachlorophenol	< 100	100,000
2,4,5-Trichlorophenol	< 100	400,000
2,4,6-Trichlorophenol	< 40.0	2000

ELAP Number 10958

Analytical Method: EPA 8270C Prep Method: EPA 1311 & 3510C Data File: S65817.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. 124271S1.XLS



# Volatile Analysis Report for TCLP Extract

#### Client: Stantec

Client Job Site:	Buell Automatics	Lab Project Number: Lab Sample Number:	12:4271 12:4271-01A
Client Job Number:	190500033		
Field Location:	Soil Drums Composite	Date Sampled:	10/05/2012
Field ID Number:	N/A	Date Received:	10/15/2012
Sample Type:	TCLP Extract	Date Analyzed:	10/19/2012

Compound	Results in ug / L	Regulatory Limits in ug / L
Benzene	< 20.0	500
2-Butanone	< 100	200,000
Carbon Tetrachloride	< 20.0	500
Chlorobenzene	< 20.0	100,000
Chloroform	< 20.0	6,000
1,2-Dichloroethane	< 20.0	500
1,1-Dichloroethene	< 20.0	700
Tetrachloroethene	< 20.0	700
Trichloroethene	< 20.0	500
Vinyl chloride	< 20.0	200
ELAP Number 10958	Analytical Method: EPA 8260B	Data File: X01149.D

Prep Method: EPA 1311 / 5030

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition 124271V1.XLS requirements upon receipt.

Turnaround Time       Availability contingent upon lab ap       Standard 5 day     Batch QC       Rush 3 day     Category A       Rush 2 day     Category B       Rush 1 day     Other       please indicate:     please indicate:	рате социество рате социество 1 10/5/2012 /6:00 Р № 0 0 5 5 6 7 7 7 7 7 8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Buell Automatics 190500033	PROJECT REFERENCE
Report Supplements         proval; additional fees may apply.         Image: Description of the state of	Soil drums composite	Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid	ITTELEVENTER CLIENT: Stantac CLIENT: Stantac ADDRESS: 61 Commercial S OTTY: TCochecter STATE: PHONE (585) 413 - 52.71
Sampled By 10 [5 Relinguished By 20 10 [2 Received By 20 10 [2 Received By 20 10 10 10 Received By 20 10 10	$\frac{\sqrt{2}}{2} \frac{\sqrt{2}}{2} \frac{\sqrt{2}}{2$	WA - Water DW - Drinking Water S WG - Groundwater WW - Wastewater S	Ue, Rochester, NY 14608     Office (585) 647-2530     Fax (585) 647-33       INVOICE TO:       CLIENT:       CLIENT:       CLIENT:       ADDRESS:       STATE:       PHONE:
- 12 12 1500 12 1500 12 1500 12 1500 15/12 1646 PIF	REMARKS REMARKS CRE TWELLS 10/15/1 Stat THAT TELOVOR SVOA Muchalo FILO DH Opplean 15	0 - Soil SD - Solid WP - Wipe L - Sludge PT - Paint CK - Caul	$\frac{11}{2P} \qquad LAB PROJE \\ IA : YA 7 \\ Quotation #: MS 07 \\ Email: \\ T = 100 \text{ M}$

PARADIGM	<u>Cha</u>	in of Custody Supple	ement.
Client:	Stanter	Completed by:	m
Lab Project ID:	12:42.7/	Date:	10/15/12
	Sample Condi Per NELAC/ELAP	tion Requirements 210/241/242/243/244	. 0
Condition	NELAC compliance with the samp Yes	le condition requirements upon No	receipt N/A
Container Type			
Comments	· · · · · · · · · · · · · · · · · · ·		
Transferred to method- compliant container			X
Headspace (<1 mL) Comments	5		
Preservation		· · · ·	
. Comments	·		
Chlorine Absent (<0.10 ppm per test strip) Commente	 		
Holding Time Comments	5		
Temperature Comment		'Ced on 10/12	Xmetal
Sufficient Sample Quantity			

179 Lzke Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP 1D# 10958

Appendix D

Waste Disposal Documentation

1 V 4 V	7	0	48	
---------	---	---	----	--

, 20¹

÷.



	***************************************		*****				. 0//10/110	
IFORM HAZARDOUS 1. Generator ID Number NYD00246	56290 2. Page 1 of	3 Emergency Response		4. Manifest	racking N	umber	- 0	VA
NASTE MANIFEST			2100	1003	58	538	/ ১	KS
ienerator's Name and Mailing Address		Generator's Site Address	(if different that	an mailing addres	s)			
BUELL AUTOMATICS								
Pochester N'	V 14624-3123							
Perator's Phone: 585-328-7430	. 11051 0150	1						
ransporter 1 Company Name				U.S. EPA ID N	umber			
SAFETY-KLEEN SYSTEMS, INC.				1	aniboi	TXRO	00081	205
				1				
ansporter 2 Company Name				U.S. EPA ID N	umber			
esignated Facility Name and Site Address	I CVCTEMC T	SC.		U.ST EALD N	umber			····
1200 SYLVAN	STREET							
LINDEN,	the part of the	, NJ 07036	r					
908-862-2000				1		NJDO	2182	397
ity's Phone:			······································	<u> </u>				
9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class	s, ID Number,	10. Contair	ners	11. Total	12. Unit	13	Wasta Code	26
and Packing Group (if any))		No.	Туре	Quantity	WL/Vol.	10.		<i>,</i> <b>3</b>
1. NA3082 HAZARDOUS WASTE LTOUTE	), N.O.S	A	DM		P	D040	D043	F001
VINYL CHLORIDE. TRICHLOROETHYL.	ÉNE) 9	$ /   \wedge  $		INN	•	V 4 V	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
PGIII ~				Jan		F002	В	1
		-	ļļ					<u> </u>
۷.								
								<u> </u>
						1		
13.	· · · · · · · · · · · · · · · · · · ·		┝────┼					<del> </del>
						aria adalar A		l
							والإسرام ومندع مناحد فالمتار والمرا	1
4.	······································		T	1				1
		,			Í	1		
<u> </u>	/	<u> </u>				[		<u> </u>
pecial Handling Instructions and Additional Information SK SHIP	#208569559√5	9246343 5	3319		CS	G:		
								i
ERG#171;				•				
HR EMERGENCY #1-800-468-1760 (S	AFETY-KLEEN	- CONTRACT	<b>\$94138</b>	2				
<u>AUTHORIZED TO RETAIN LICENSED S</u>	UBSEQUENT CA	RRIERS AS N	ECESSA	KX		·····		
SENERATOR'S/OFFEROR'S CERTIFICATION: Thereby declare that the co	intents of this consignment a	are fully and accurately des	scribed above i	by the proper ship	ping name	, and are clas	silied, pack	aged,
Trained and rabeled/placatoed, and are in all respects in proper condition for Exporter 1 certify that the contents of this consignment conform to the terms (	transport according to applic of the attached EDA Acknow	cable international and natio	onal governme	ntal regulations. I	export sni	pment and La	am the Prim	ary
certify that the waste minimization statement identified in 40 CFR 262.27(a)	(if I am a large quantity gen/	erator) or (b) (if I am a smal	ll quantity gene	erator) is true.				1
			,, goin					Year
ator's/Offeror's Printed/Typed Name	Sior	nalure				Mon	เก บลง	
rator's/Ottleror's Printed/Typed Name	Sigr		0.			Mon	n ⊔ay ∧r ≯⊘	11 1 - 1
rator's/Otteror's Printed/Typed Name	Sigr	halure Mey Ber	de			Mon		112
rator's/Offeror's Printed/Typed Name <u>RE 6 BC AD LC</u> ernational Shipments	Sigi	halure <u> <u> </u> </u>	<u>ede</u>			Mon		112
rator's/Offeror's Printed/Typed Name <u>RE 6 BC AD LC</u> ernational Shipments  Import to U.S.  sorter signature (for exports only):	Sigi	nature Hey Ber J.S. Port of ent Date leaving	ry/exit:			Mon		112
rator's/Offeror's Printed/Typed Name <u>RSGBSADLC</u> ernational Shipments porter signature (for exports only): Insporter Acknowledgment of Paceid Off Materials	Sigi	nalure Herey Ber J.S. Port of ent Date leavin	ry/exit: ng U.S.;			Mon		112
rator's/Offeror's Printed/Typed Name <u>RSGBSADLC</u> ernational Shipments porter signature (for exports only): insporter Acknowledgment of Receiptfor Materials coter 1 Distal Owned Offero	Sigi	nalure Prov Be J.S. Port of ent Date leavin	ry/exit:			Mon		<u>  12</u>
rator's/Offeror's Printed/Typed Name <u>REGBCADLC</u> ernational Shipments porter signature (for exports only): insporter Acknowledgment of Receiptof Materials order 1 Rrinted/Typed Name	Sigi	nature B.S. Port of ent Date leavin pature A 1 4 4	<u>ede</u> ry/exit: ng U.S.; M_Dr		. 101	Mon	In Day	// / 2
rator's/Offeror's Printed/Typed Name <u>REGBCADLC</u> ernational Shipments porter signature (for exports only): Insporter Acknowledgment of Receiptor Materials Insport 1 Rrinted/Typed Name	Sign	nature Ben J.S. Port of ent Date leavin Date leavin	<u>ede</u> ry/exit: rg U.S.; M_PC	unari	Ini	Mon		
rator's/Offeror's Printed/Typed Name <u>REG_BC_ADLC_</u> renational Shipments  porter signature (for exports only):  Insporter Acknowledgment of Receiptor Materials  ofter 1 Rrinted/Typed Name  orter 2 Printed/Typed Name	Sign Export from U Sign Sign Sign Sign	nature Prove Ben Date leaving Date leavin	<u>c.ll</u> ry/exit: ng U.S.; N N C	ungra	mi	Mon	th Day th Day	Year
rator's/Offeror's Printed/Typed Name <u>REC 6 BC ADLC</u> ernational Shipments porter signature (for exports only): Insporter Acknowledgment of Receiptor Materials Insporter 1 Rrinted/Typed Name Instructure 2 Printed/Typed Name	Sign Sign Sign Sign Sign Sign Sign Sign	nature Prov Ben Port of ent Date leavin nature nature	<u>ede</u> ry/exit: <u>mg U.S.;</u> APC	ungra	M	Mon Mon Mon I	In Day	Year
rator's/Offeror's Printed/Typed Name <u>REGBSCADLC</u> ernational Shipments porter signature (for exports only):  Insporter Acknowledgment of Receiption Materials Insporter J Rrinted/Typed Name Instruct 2 Printed/Typed Name	Sign	nature P.S. Port of ent Date leavin nature nature	<u>ede</u> ry/exit: <u>ng U.S.;</u> A A C	ingra	mi		In Day	Year Year
rator's/Offeror's Printed/Typed Name <u>REGBCADLC</u> ernational Shipments porter signature (for exports only): Insporter Acknowledgment of Receiptor Materials Insporter 1 Rrinted/Typed Name Instruct 2 Printed/Typed Printed/Typed Name Instruct 2 Pri	Sign	nature P.S. Port of ent Date leavin nature nature	<u>call</u> ry/exit: ig U.S.: M PC	ungra	Mi	Mon Mog Mog Mon	In Day	year Year L
rator's/Offeror's Printed/Typed Name	Sign	nature P.S. Port of ent Date leavin nature Residue	<u>call</u> ry/exit: <u>ng U.S.:</u> <u>N</u> PC	UNGK Partial Reier	M	Mon Mon Mon	Ih Day th Day th Day th Day	Year Year
rator's/Offeror's Printed/Typed Name	Sigr	nature P.S. Port of ent Date leavin nature Residue	<u>ede</u> ry/exit: <u>ng U.S.:</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u>	UNGH Partial Reject	M	Mon Mop Mop	Ih Day () A () A	Year Year L
rator's/Offeror's Printed/Typed Name	Sig Export from U Sigr Sigr	nature P.S. Port of ent Date leavin nature Residue Manifed Patronom	ede ry/exit: ng U.S.: A PC	UNGH Partial Reject	M/J	Mon Mop	Ih Day h Day h Day h Day h Day	Year Year L
rator's/Offeror's Printed/Typed Name	Sigi Export from U Sigr Sigr	nature P.S. Port of ent Date leavin nature Residue Manifest Reference	edl ry/exit: ng U.S.: A D C Number:	Partial Reject	M/W stion	Mon Mop Mon L	In Day	Year Year L
rator's/Offeror's Printed/Typed Name	Sigi Export from U Sigr	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference	<u>eale</u> ry/exit: rg U.S.: M DC	Partial Reject	M/J stion mber	Mon Mon Mon	In Day	Year Year I
rator's/Offeror's Printed/Typed Name	Sign Export from U Sign Sign J Type	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference	call_ ry/exit: ng U.S.: A PC Number:	Partial Reject	tion	Mon Mon Mon I	in Day	Year Year J
rator's/Offeror's Printed/Typed Name	Sigi Export from U Sigr Sigr	nature Port of ent Date leavin Date leavin Date leavin Date leavin Date leavin Date leavin Comparison Residue Manifest Reference	<u>ede</u> ry/exit: ng U.S.; M PC	Partial Rejec	MJU stion mber		in Day in Day in Day in Day in Day in Day in Day	Year Year J
rator's/Offeror's Printed/Typed Name	Sigi Export from U Sigr Sigr	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference	ry/exit: ng U.S.; A PC	Partial Reject		Mon Mon Mon I I Mon I	In Day In Day	Year Year
rator's/Offeror's Printed/Typed Name	Sigi Export from U Sigr Sigr	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference	call_ ry/exit: ig U.S.: A PC Number:	Partial Reject	Lion mber	Mon Mon Mon I Mon I Mor	In Day	Year Year Year
rator's/Offeror's Printed/Typed Name	Sign	nature Port of ent Date leavin nature Residue Manifest Reference	<u>call</u> ry/exit: <u>ig U.S.:</u> <u>A PC</u> <u>Number:</u>	Partial Reject		Mon Mon Mon I Mon I Mor	Ih Day	Year Year
rator's/Offeror's Printed/Typed Name	Sigr	nature P.S. Port of ent Date leavin nature Date leavin Port of ent Date leavin Date leavin Residue Manifest Reference , and recycling systems)	<u>call</u> ry/exit: <u>ig</u> U.S.: <u>A</u> <u>C</u> Number:	UNGH Partial Reject U.S. EPA ID Nu	etion The	Mon Mop Mon L	In Day	Year Year
rator's/Offeror's Printed/Typed Name	Sigr Export from L Sigr Sigr Type Type	nature P.S. Port of ent Date leavin nature Residue Manifest Reference , and recycling systems)	ede ry/exit: g U.S.: A PC	UNGH Partial Reject U.S. EPA ID Nu	Stion mber	Mon Mop Mon E	Ih Day	Year Year
rator's/Offeror's Printed/Typed Name	Sigi Export from L Sigr J Type s waste treatment, disposal, 3.	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference , and recycling systems)	ede ry/exit: gu.s.: A PC	Partial Reject	Stion mber	Mon Mon Mon I	In Day	Year Year I sction
rator's/Offeror's Printed/Typed Name	Sign Export from L Sign Sign Type Type s waste treatment, disposal, 3. erials covered by the people	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference , and recycling systems) Port of ent Date leavin Date leavin	ecle_ ry/exit: g U.S.: M PC Number:	Partial Reject	Stion mber	Mon Mon Mon L	In Day	Year Year Section
rator's/Offeror's Printed/Typed Name	Sigr	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference , and recycling systems) est except as noted in Item	ecle_ ry/exit: g U.S.: M Number: 18a	Partial Reject	Stion mber	Mon Mon Mon Mon	In Day	Year Year J section
rator's/Offeror's Printed/Typed Name	Sign Export from L Sign Sign J Type s waste treatment, disposal, a. lerials covered by the manife	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference , and recycling systems) est except as noted in Item nature	ede ry/exit: g U.S.: M PC Number: 18a	Partial Reject	tion	Mon Mon Mon I Mon I Mor	In Day	Year Year Year Year
rator's/Offeror's Printed/Typed Name	Sign Export from L Sign Sign J Type Type s waste treatment, disposal, 3. Lerials covered by the manife	nature Port of ent Date leavin Date leavin nature Residue Manifest Reference , and recycling systems) est except as noted in Item nature Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoints Shurtharpoi	<u>e</u>	Partial Reject	tion	Mon Mon Mon Mon Mor Mor	Ih Day	Year

		7048									003	5 8 5 3	382	KS
Ple	ase pr	int or type. (Form desig	ned for use on e	lite (12-pitch) typewrite	er.)	12 0	1 2 5	Pagasana	o Dhaao	A Manifect	Form	h Approved.	OMB No.	2050-0039
11	UNI W	FORM HAZARDOUS	T. Generator ID N	NYD002	466290	2. Page 1 0	1	00-468-	-1760		358	<u>5388</u>	<u>3 S</u>	KS
	5, Ge	nerator's Name and Mailin SUELL AUTOMA Sal Buell Rd Cochester 585	g Address TICS 328-743	0	NY 1462	4-3123	General	or's Site Address	s (if dilferent fr	ian mailing addres	(8			
	6. Tr	nator's Phone: Insporter 1 Company Nam AFETY-KLEEN	SYSTEMS	, INC.		1				U.S. EPA ID M	lumber	TXROG	00812	205
	7. Tre	Insporter 2 Company Nam	E in	an Tol I	(m	ومتشقيتهم				U.S. EPAID N	lumber 17 - Q	897	7690	147
	8, De	Signated Facility Name and	Site Address	SAFETY-KLI	EN SYST	EMS, IN	1C.			U.ST 1410-80 N	lumber			
	Facili	502	845-2453	SMITHFIELD	)	• .	, I	(Y 40068	3			KYDOS	533481	.08
	9a. HM	9b. U.S. DOT Descriptio and Packing Group (if a	n (including Prope ny))	r Shipping Name, Hazard	Class, ID Number	,		10. Contai No.	iners Type	11. Total Quantity	12. Unit Wł./Vol.	13.	Waste Code	s
TOR -	X	1. NA3077 HA (VINYL CH	ZARDOUS LORIDE,	WASTE, SOLI TRICHLOROET	D, N.O. HYLENE)	s. 9		N1	DM	350	P	D040	D043	F001
NERA		<b>PGIII</b> 2.						U				1002	D	
18														
		3.		**************************************		<b></b>		<u> </u>		*****				
		4.												
													~~~	
	14. Sp	ecial Handling Instructions	and Additional Inf	ormation SK SH	IP#20850	69565/5	9246	343 5	3319		CS	G:		L
	1) 24 SK	ERG#171; HR EMERGEN(AUTHORIZED	CY #1-80 TO RETA	0-468-1760 IN LICENSED	(SAFETY) SUBSEQ	-KLEEN UENT CA	- CO ARRII	NTRACT RS AS N	#94130 NECESS	3) ARY				
	15. C n E I	ENERATOR'S/OFFEROR narked and labeled/placard xporter, I certify that the co certify that the waste minin	'S CERTIFICATIC ed, and are in all r ntents of this cons nization statement	N: I hereby declare that i espects in proper conditional signment conform to the te identified in 40 CFR 262.	the contents of thi n for transport acc trms of the attache 27(a) (if I am a lar	s consignment a cording to applic ed EPA Acknowl ge quantily gene	are fully a cable inte ledgment erator) or	nd accurately de mational and nat of Consent. (b) (if I am a sma	escribed above lonal governm all quantity ge	e by the proper sh nental regulations. nerator) is true.	ipping name If export sh	e, and are clas ipment and I	ssified, pack am the Prim	aged, ary
ļ	Selfer	ator's/Offeror's Printed/Type BEADLC	od Name <u>GRE</u>	6	****	Sigi	nature	dh	. 66	226	х -	Mor	nth Day	Year
I'LL	16. Into Trans	ernational Shipments porter signature (for export	Import to sonly):	U.S.		Export from U	J.S.	Port of er Date leav	ntry/exit: ing U.S.:					
RTER	17. Tra Transp	nsporter Acknowledgment o orter 1 Printed/Typed Nam	Receipt of Mater	ials		Sigr	nalure		P	. 0.44		Mqr	ith Day	Year
NSPO	Transp	orter 2 Printed/Typed Nam	rang	rano		Sia		lll	-Vu	pqrov	XW	Mor	th Day	Year
- TRA	<u>f.//</u> 18 Die	allen K20	lewin	e-			16	<u>A A</u>	Þ	<u>}</u>		10	> 5;	212
Î	18a. Di	screpancy Indication Spac	³ Quan	tily	Птуре		[Residue		Parlial Rej	ection]	Full Rej	ection
	4.01. 4.1				·····		M	inifest Reference	e Number:	110 50404)k.av			
CILIT	TOD, A	emale racility (or General	ur)							U.S. EPAID N	190muy			
	Facility 18c. Sig	s Phone: jnature of Alternale Facility	(or Generator)	<u></u>					<u></u>			Mo	nth Da	y Yéar
SIGNA	19. Haz	ardous Wasle, Report Man	agement Method (Codes (i.e., codes for haz	ardous waste tree	lment, disposal	l, and rec	/cling systems)						
Щ Ц	1.	HUG	1	2.		3.	1			4.				
	20. Des Printed/	ignato Facility Owner or Type Naihe	operator: Certificat	tion of receipt of hazardou	is materials cover	ed by the manif Sigr	iest eice nature	of as noted in Her	n 18a	<u> </u>	A 1	Мо	nlh Day	Year
↓ EPA	Form 8	700-22 (Rev. 3-05) Pri	onth	o Val	hoe	MQ			LL ACILITY	10 DESTIN	ULA VATION	STATE		
1)703	7496/405547	05	•		Fac.								

......