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December 1, 2016

Mr. Christopher Mannes
Project Manager
NYS Department of Environmental Conservation
615 Erie Blvd. West
Syracuse, NY 13204

Subject: Stauffer Management Company Novak Farm Site (Site No. 709005)
2016 Periodic Review Report and IC/EC Certification

Dear Mr. Mannes:

Enclosed is the Periodic Review Report (PRR) for 2016 for the Stauffer Management Company (SMC) Novak Farm Site (Site) (NYSDEC Site No. 7090050). As certified in the report, Site institutional and engineering controls remained in place and unchanged during the 2016 reporting period.

Envirospec has been made aware of the Department's letter dated 10/18/2016 (attached) indicating that semiannual sampling may be discontinued until the 2019 reporting year. Envirospec will complete one (1) sampling report conducted during the 2019 reporting year that will include water quality and laboratory analysis of the groundwater at SMC's Novak Farm site.

Should you have any questions, please do not hesitate to contact me at (518) 453–2203.

Sincerely,

Gianna Aiezza

Gianna Aiezza, PE
Principal Engineer

Enc. -PRR Certification Forms
-October 2016 Semiannual Groundwater Report
-DEC Correspondence Letter (dated 10/18/2016)

CC: C. Elmendorf – SMC

PRR Certification Forms

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 709005

Site Name Novak Farm

Site Address: Pike Road Zip Code: 13801
City/Town: McDonough
County: Chenango
Site Acreage: 1.0

Reporting Period: November 04, 2013 to November 04, 2016

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 709005 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
131.-1-8	Stauffer Management Company, LLC	Ground Water Use Restriction Soil Management Plan

Deed restriction filed w/ Chenango Co. Clerk 06/16/2004. Groundwater use restriction. Soil Management Plan in place for future maintenance or any redevelopment.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
131.-1-8	Cover System Fencing/Access Control

Soil Cap Requirements for current and future excavation work to occur, maintain Clean Soil Cap over BioCell Cap. Maintain Fencing and to limit property access. Soil Cap Requirements for current and future excavation work to occur, maintain Clean Soil Cap over BioCell Cap. Maintain Fencing and property access. Pump and treat system no longer required at time of DR

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 709005

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Charles Elmendorf (print name) at 1800 Concord Pike, PO Box 15437, Wilmington, DE 19850 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

12/13/16
Date

IC/EC CERTIFICATIONS

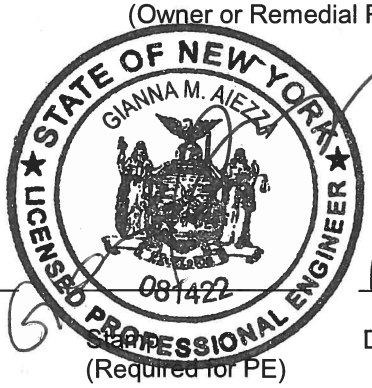
Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gianna Aiezza, PE (print name) at 349 Northern Boulevard, Suite 3, Albany, NY 12204 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

12/1/16
Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated the ability of each component of the remedy subject to O&M requirements to perform as

designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

October 2016 Semiannual Groundwater Report

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ENGINEERING, PLLC

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December 1, 2016

Christopher F. Mannes III, P.E.
Environmental Engineer II
Environmental Remediation Region 7
NYS Department of Environmental Conservation
615 Erie Blvd.West
Syracuse, NY 13204

Re: Novak Farm Semiannual Groundwater Report, October 2016
Site No. 7-09-005

Dear Mr. Mannes,

Envirospec Engineering, PLLC, on behalf of Stauffer Management Company LLC, has prepared the enclosed October 2016 Semiannual Groundwater Report for the sampling at the Novak Farm Site.

Should you have questions or require additional information regarding this report, please feel free to contact me at (518) 453-2203.

Sincerely,

Gianna Aiezza

Gianna Aiezza, PE
Principal Engineer

cc: J. Kenney – NYSDOH
C. Elmendorf – SMC

STAUFFER MANAGEMENT COMPANY

NOVAK FARM SITE

Town of McDonough, New York

SEMI-ANNUAL GROUNDWATER MONITORING REPORT

OCTOBER 2016 SAMPLING

December 2016

Prepared for:

Stauffer Management Company LLC
1800 Concord Pike
Wilmington, DE 19850-5437

Prepared by:

349 Northern Boulevard Suite 3
Albany, NY 12204

Envirospec Engineering Project E16-1369

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APPENDICES

1.0 Introduction

This Groundwater Monitoring Report has been prepared by Envirospec Engineering, PLLC (Envirospec) on behalf of Stauffer Management Company (SMC) to summarize groundwater sampling completed at the SMC Novak Site (the "Site") in McDonough, NY (see Figure 1). The sampling was conducted under the New York State Department of Environmental Conservation (NYSDEC) approved SMC Novak Farm Site Groundwater Monitoring Plan dated August 27, 2004 and the subsequent Plan modifications, dated November 17, 2004 and December 2006.

The semi-annual sampling event discussed in this report occurred on October 13, 2016.

2.0 Background

The Novak Farm Site is located in rural Chenango County, occupying approximately 120 acres with the remediation area restricted to approximately eleven (11) acres.

After the completion of soil remediation in September 2004, groundwater monitoring was continued under the SMC Novak Farm Site Groundwater Monitoring Plan dated August 27, 2004. The Plan stated that the groundwater elevation at MW-104 and the lower sump would be monitored biannually for long-term groundwater monitoring, with sampling conducted until the MW-104 and lower sump show contaminant levels below cleanup levels or contaminant levels that decrease asymptotically. The Plan initially required sample analysis of volatile organic compounds (VOCs) in accordance with EPA Method 8260 for the lower sump and MW-104 and semi-volatile organic compounds (SVOCs) in accordance with EPA Method 8270 for MW-104. However, a November 17, 2004 revision removed the requirement of SVOC analysis.

In June 2006, a request was made to discontinue sampling of the lower sump. Remedial goals had been achieved at the lower sump as VOC concentrations had been below laboratory detection limits for four (4) semi-annual sampling events prior to the June 2006 request. The request was approved by NYSDEC in December 2006.

MW-104 is currently being monitored semi-annually during May and November for VOCs by EPA method 8260C following two (2) rounds of Hydrogen Release Compound (HRC) as discussed below.

3.0 HRC Injections

Injection of HRC was conducted on July 14, 2009 to facilitate remediation of residual contamination in MW-104. Approximately 240 pounds of HRC was injected into seven (7) one-inch HRC injection points installed around the well. Groundwater samples were collected from MW-104 prior to the HRC injection and one (1) month (August 18, 2009) and three (3) months (October 15, 2009) after the application. In March 2010, NYSDEC requested a change from semiannual sampling to quarterly sampling for the first three (3) quarters of 2010, with no sampling required in the winter, to better monitor the effects of the initial HRC injection.

A second HRC injection took place on October 26, 2010 upgradient from the 2009 HRC application to further facilitate dechlorination of residual contamination in MW-104. The results were intended to evaluate the effectiveness of the HRC injections and the necessity for ongoing monitoring.

3.1 HRC Byproducts

Concentrations of acetone and 2-butanone (MEK) were reported in the MW-104 sample analytical data since the April 2011 sampling event (the first sampling event since the second HRC injection took place in October 2010). As per REGENESIS, the manufacturer of the HRC injected into the site, both acetone and MEK are temporary byproducts and are due to fermentation of the HRC injected. It appears from the data that these compounds are no longer being produced, as levels have decreased.

MEK and acetone concentrations were reported below laboratory detection limits during the October 2016 sampling event. MEK was detected at concentrations of 15.9 parts per billion (ppb) during the April 2016 sampling event, and 27.2 ppb during the November 2015 sampling event. Acetone has maintained a below laboratory detection limits since the November 2014 sampling event.

4.0 Groundwater Sampling Activities

On April 22, 2016, sampling was completed at MW-104, as shown on Figure 2. The static groundwater elevation at MW-104 was first gauged and the well was purged in accordance with the approved sampling plan, with at least three (3) well volumes purged. A groundwater sample was then collected and sent to Accutest Laboratories (Accutest), a New York State Department of Health (NYSDOH) Environmental Laboratories Approval Program (ELAP) certified laboratory. Field data collected during the sampling event is presented in Table 1.

Quality Control (QC) samples included a duplicate and trip blank. The duplicate sample results are shown in parentheses in Table 2.

5.0 Analytical Results

Groundwater samples were analyzed for VOCs via EPA Method 8260C. Analytical results are presented in Table 2 and included as Appendix B. Data trends of detected compounds are shown in Figure 3.

As shown on Table 2 and Figure 3, five (5) VOCs were detected in MW-104 and in the duplicate sample, respectively. The total VOCs of concern detected were 37.1 ppb[1] in MW-104 and 35.7 ppb in the duplicate sample. 1,1-dichloroethane, vinyl chloride and chloroethane are noted above NYSDEC regulatory standards in both samples.

[1] Total VOC calculations exclude transient acetone and MEK concentrations.

Since the initial HRC injection in July 2009, certain target VOCs have remained below 5 ppb, including 1,2 dichloroethane, 1,1 dichloroethene, 1,1,1, trichloroethane, and trichloroethene. The Total VOC concentrations has remained below 50 ppb for the last four (4) sampling rounds.

6.0 Conclusion

Since the initial HRC injection in July 2009, certain target VOCs have remained below 5 ppb including 1,2 dichloroethane, 1,1 dichloroethene, 1,1,1, trichloroethane, and trichloroethene. The Total VOC concentrations has remained below 50 ppb for the last four (4) sampling rounds.

The above sample results support removal of groundwater monitoring well MW-104 from the current semi-annual monitoring program since this well has shown consistent reductions in concentrations of COCs since February 2010. SMC is requesting no further action at the SMC Novak Site.

TABLES

TABLE 1

Novak Farm Groundwater Monitoring
MW-104
October 13, 2016

Field Data

Monitoring Well Location	Well Depth to Top of Casing (ft.)	Depth to Water (ft.)	Water Column (ft.)	Purged Volume (gal)	Final pH	Final Temp (°C)	Final Conductivity (uS/cm)	TDS (ppm)
MW-104	18	5.1	14.5	7.09	6.03	11.49	800	512

General Site Information:

Sampler: Travis Edgington

Weather: Cloudy, Light Rain (55 °F)

TABLE 2
Novak Farm
MW-104
Analytical Data Summary
2004 – Present

	NYSDEC Standard (ppb)	Aug. 10, 2004	Dec. 13, 2004	June 1, 2005	Nov. 29, 2005	May 5, 2006	Nov. 3, 2006	May 7, 2007	Dec. 11, 2007	June 28, 2008	Nov. 10, 2008	July 13, 2009	Aug. 14, 2009	Oct. 15, 2009	Mar. 22, 2010	June 15, 2010	Oct. 25, 2010
Benzene	1	**7.1**	**9.5**	**2.6 (4.7)**	**4.0 (6.6)**	**ND (ND)**	**4.1 (3.5)**	**2.5 (2.5)**	**2.2 (<5)**	**1.6 (1.6)**	ND (ND)	**2.9 (3.0)**	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
1,1 dichloroethane	5	**45**	**35**	**16 (21)**	**20 (21)**	**14 (14)**	**59 (37)**	**20 (11)**	**25 (29)**	**21 (22)**	**32 (31)**	**30 (31)**	**30 (34)**	**42 (39)**	**26 (30)**	**32 (28)**	**30 (33)**
1,2 dichloroethane	0.6	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	1.4 (1.0)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	1.0 (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
1,1 dichloroethene	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	**8.2 (4.9)**	ND (ND)	ND (ND)	1.9 (1.9)	ND (ND)	3.3 (3.1)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
cis-1,2 dichloroethene	5	**130**	**60**	**34 (34)**	**47 (41)**	**38 (37)**	**149 (87)**	**61 (48)**	**70 (78)**	**64 (64)**	**111 (108)**	**98 (109)**	**96 (106)**	**103 (99)**	**87 (101)**	**89 (83)**	**82 (93)**
trans-1,2 dichloroethene	5	**110**	ND	**24 (29)**	**16 (17)**	**23 (21)**	**146 (85)**	**48 (35)**	**37 (39)**	**54 (54)**	**111 (106)**	**108 (122)**	**98 (118)**	**94 (99)**	**68 (77)**	**82 (76)**	**70 (82)**
1,1,1 trichloroethane	5	**10**	ND	ND (ND)	**5.7 (8.2)**	3.7 (3.3)	**14 (10)**	3.9 (4.2)	**5.0 (6.2)**	**5.6 (5.6)**	**7.6 (7.4)**	**8.4 (7.9)**	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
Trichloroethene	5	**12**	ND	ND (ND)	3.6 (3.9)	3.6 (3.4)	**10 (7.7)**	3.8 (4.1)	**3.9 (5.1)**	4.1 (4.2)	**12 (11)**	**16 (16)**	ND (ND)	**10 (ND)**	ND (ND)	ND (ND)	ND (ND)
Vinyl chloride	2	**66**	**95**	**28 (30)**	**64 (79)**	**16 (9.5)**	**95 (95)**	**30 (29)**	**14 (6.3)**	**54 (54)**	**70 (66)**	**44 (48)**	**45 (60)**	**77 (69)**	**37 (41)**	**56 (56)**	**50 (68)**
Chloroethane	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
Total VOCs		380.1	199.5	104.6 (118.7)	160.3 (176.7)	98.3 (88.2)	486.7 (331.1)	169.2 (133.8)	157.1 (163.6)	206.2 (207.3)	343.6 (329.4)	311.6 (340)	269 (318)	326 (306)	218 (249)	259 (243)	232 (276)

envirospec ENGINEERING, PLLC
349 Northern Boulevard Suite 3 ▪ Albany, NY 12204 ▪ Phone: 518.453.2203 ▪ Fax: 518.689.4800

TABLE 2 (CONTINUED)
Novak Farm
MW-104
Analytical Data Summary
2004 – Present

	NYSDEC Standard (ppb)	Apr. 21, 2011	Aug 16, 2011	Nov. 28, 2011	May 11, 2012	Sept 28, 2012	Jan. 30, 2013	April 25 2013	July 25 2013	April 21, 2014	Nov. 12, 2014	May 5, 2015	November 9, 2015	April 22, 2016	Oct. 13, 2016
Benzene	1	ND (ND)	ND (ND)	14 (12)	7.0 (6.6)	ND (ND)	**8.3 (8.9)**	**5.5 (5.5)**	**4.4 (4.7)**	**5.1 (4.4)**	**3.5 (3.3)**	**2.1 (2.1)**	**6.0 (5.9)**	3.5 (3.5)	3.5 (3.3)
1,1 dichloroethane	5	**51 (53)**	**89 (87)**	**94 (92)**	**45 (43)**	**20 (21)**	**17 (18)**	**13 (14)**	**16 (18)**	**12 (10)**	**17 (16.9)**	**9.1 (9.5)**	**8.5 (5.3)**	**18.4 (18.1)**	**17.8 (17.1)**
1,2 dichloroethane	0.6	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
1,1 dichloroethene	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
cis-1,2 dichloroethene	5	**59 (62)**	**95 (91)**	**97 (97)**	**45 (46)**	**16 (15)**	**12 (13)**	**17 (22)**	**14 (14)**	ND (ND)	3.5 (3.0)	1.5 (1.4)	1.1 (1.1)	1.9 (1.8)	1.5 (1.5)
trans-1,2 dichloroethene	5	**98 (99)**	**139 (138)**	**149 (142)**	**60 (56)**	**37 (38)**	**29 (28)**	**ND (ND)**	**ND (ND)**	**7.6 (6.0)**	3.3 (3.0)	ND (ND)	1.9 (2.0)	ND (1.1)	ND (ND)
1,1,1 trichloroethane	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	1.3 (1.3)	ND (ND)	ND (ND)	1.0 (1.1)	ND (ND)
Trichloroethene	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
Vinyl chloride	2	**111 (105)**	**78 (82)**	**60 (55)**	**36 (34)**	**26 (21)**	**12 (11)**	**6.5 (6.5)**	**12 (13)**	ND (ND)	**4.5 (4.6)**	**4.3 (3.9)**	1.7 (ND)	**3.9 (4.2)**	**5.4 (5.6)**
Chloroethane	5	ND (ND)	ND (ND)	ND (ND)	**20 (18)**	**53 (64)**	**45 (45)**	**21 (20)**	**22 (ND)**	**26 (24)**	**14.4 (14.2)**	**9.9 (9.5)**	**21.3 (22.9)**	**15.7 (15.7)**	**8.9 (8.2)**
Total VOCs		**319 (319)**	**401 (398)**	**414 (398)**	**213 (203.6)**	**152 (159)**	**123.3 (123.9)**	**63 (68)**	**68.4 (49.7)**	**50.7 (44.4)**	**47.5 (46.3)**	**26.9 (26.4)**	**40.5 (37.2)**	**44.4 (45.5)**	**37.1 35.7**

Note: Acetone and 2-Butanone (MEK) concentrations are reported in the MW-104 sample analytical data but have not been included in the total. VOCs count. As per REGENESIS research, both acetone and MEK are temporary byproducts and are due to fermentation of the HRC injected. These compounds will not continue to be produced and levels will decrease once the amendments are exhausted.

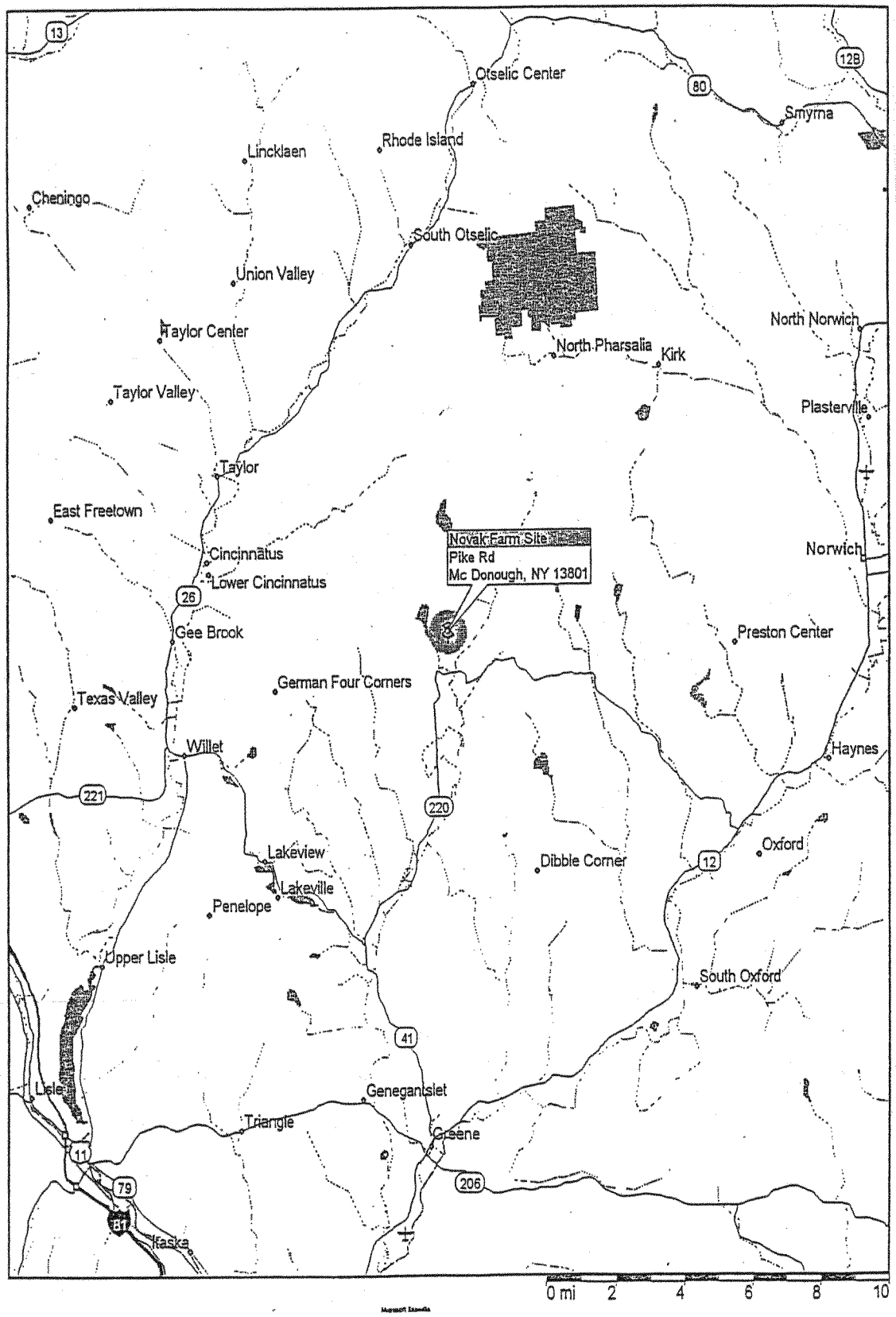
Concentrations in µg/L (ppb)
ND = Compound not detected
Results in parenthesis are duplicate sample results

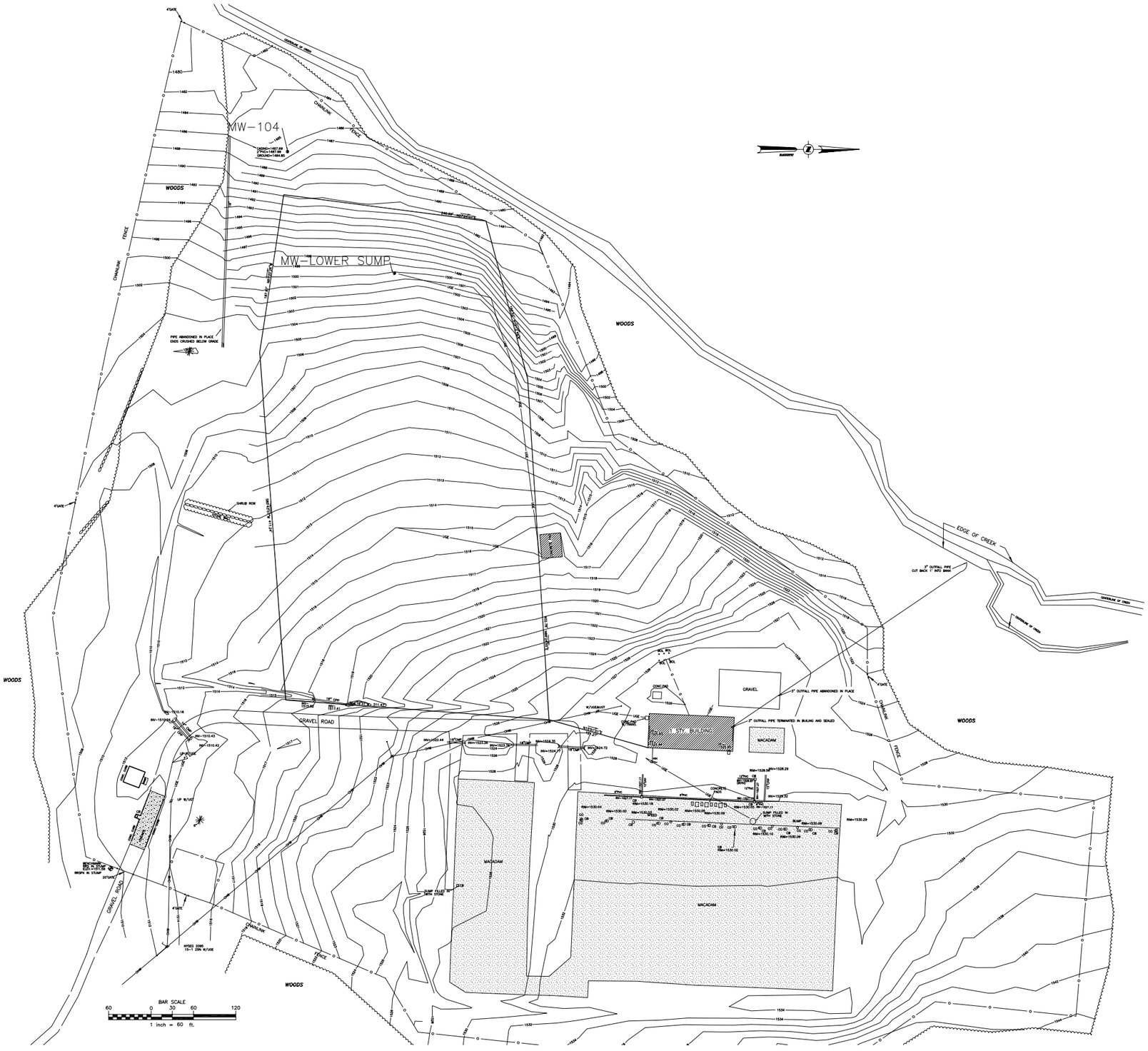
envirospec ENGINEERING, PLLC
349 Northern Boulevard Suite 3 ▪ Albany, NY 12204 ▪ Phone: 518.453.2203 ▪ Fax: 518.689.4800

FIGURES

Novak Farm Site Location

Figure 1





MAP NOTES

1.) NORTH ORIENTATION IS BASED ON MAGNETIC NORTH ON JULY 29, 1999.

2.) ELEVATIONS SHOWN BASED ON SITE DATUM FOR THE RAILROAD SPIKE IN THE STUMP AT THE SOUTHEASTERLY CORNER OF THE SITE ELEV. = 1511.58 FEET AS PROVIDED BY THE AUGUST 30, 1994 RHINEVAULT P.C. SURVEYORS DRAWING.

3.) UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM DATA OBTAINED BY FIELD SURVEY, PREVIOUS MAPS AND RECORDS, (AND PAROL TESTIMONY). THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN TO THE UNDERSIGNED. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION.

LEGEND

- MW 105 – MONITORING WELL
- CB – CATCH BASIN
- CHAINLINK FENCE
- EDGE OF WOODS
- CO – CLEANOUT
- FFE 0.00 – FINISHED FLOOR ELEVATION
- UP – UTILITY POLE
- LP – LIGHT POLE
- OHE – OVERHEAD UTILITIES LINES
- HH – HAND HOLD
- CONIFER TREE
- EMH – ELECTRIC MANHOLE
- UGE – UNDERGROUND ELECTRIC
- G – UNDERGROUND GAS (PROPANE)
- STONE WALL
- GUY WIRE
- BOL – BOLLARD

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

REFERENCE:
BASES MAP SOURCE C.T. MALE

SPEC PROJECT #99-004

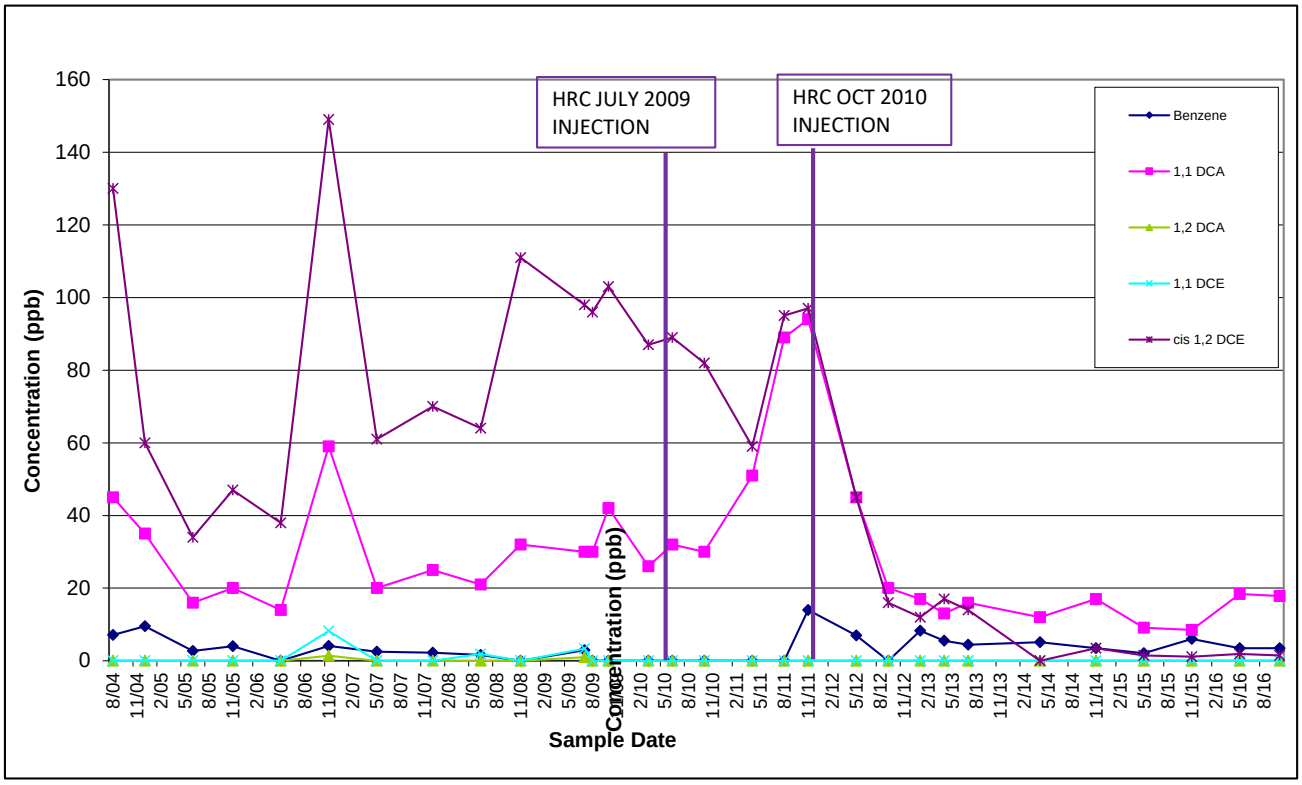
NO.	DESCRIPTION	DATE	APP.

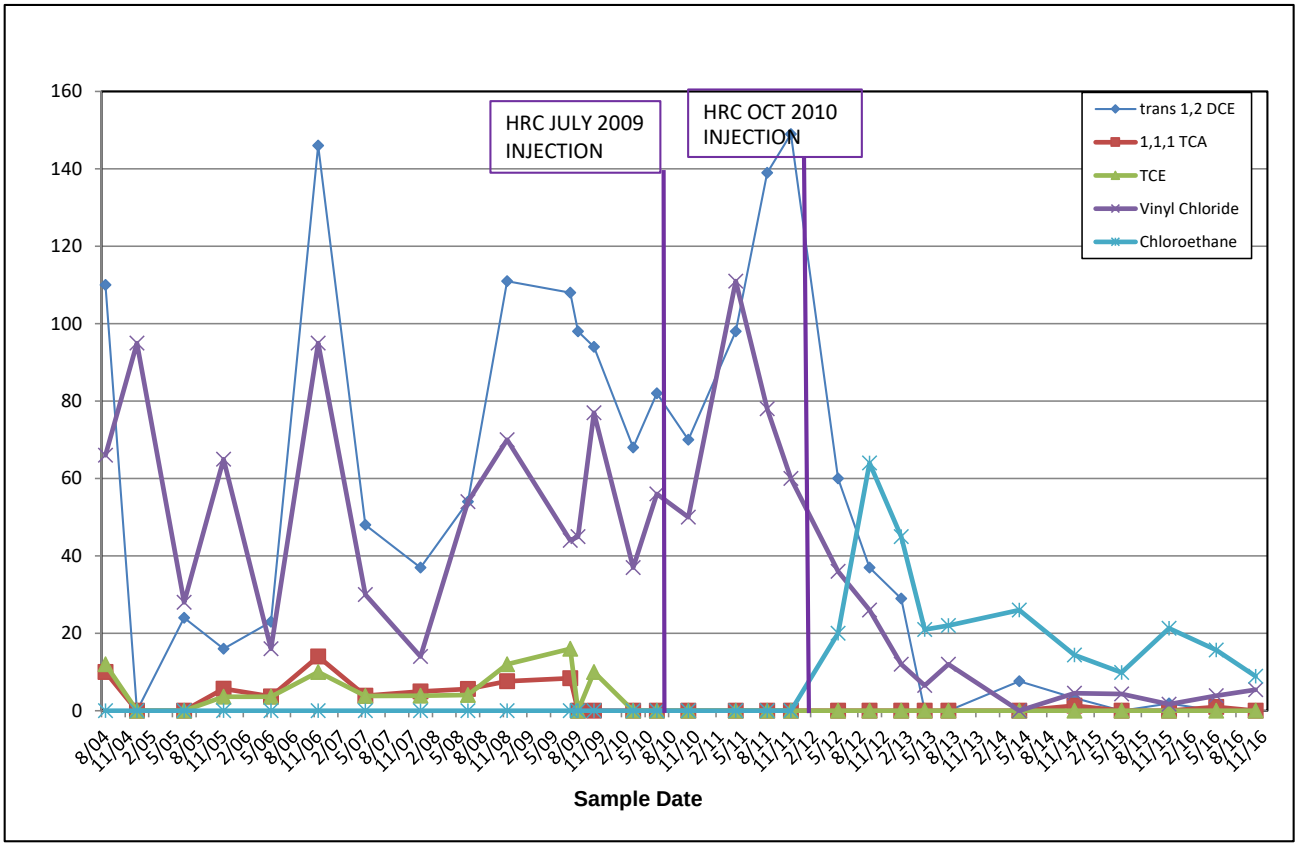
DESIGN	BF	10/22/04	APPROVED
DRAWN	BF	10/22/04	
CHECK	JB	10/22/04	
APVD.	ST	10/22/04	
DRAWING CHECK	BF	10/22/04	DATE

STAUFFER MANAGEMENT COMPANY SITE
NOVAK FARMS, NEW YORK
GENERAL SITE MAP

SCALE	DRAWING No.	SHEET	REV. No.
AS NOTED	FIGURE 2	1 of 1	–

FIGURE 3: MW-104 GROUNDWATER DATA CHARTS





APPENDICES

APPENDIX A

Well Sampling Field Notes

envirospec ENGINEERING, PLLC

Well Sampling Field Record

WELL NO	MW-104
Date(s)	10/13/16

Weather	Temperature
Cloudy, light rain	High 50's Low 50's

Project	SMC Novak	Project No.	E16-1369
Location	SMC Novak, Pike Road, McDonough, NY		

Well Info

Well #:	MW-104	Well Location:	Southwest corner of the site
Well Diameter (in):	2	Well Condition:	OK
A. Total Well Depth (ft	18.0	Depth to Bedrock (ft):	--
B. TOC to Grade (ft):	1.5	TOC Elevation (ft):	--
C. Depth to Water TOC	5.1	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height	14.5	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume	2.36	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes)	7.09	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	10/13/2016	Pump/Method:	Bailer
Purge Start Time:	11:04 AM	Approx Flow Rate:	0.25 Gallons/Minute
Purge Stop Time:	11:35 AM	Approx Volume	7.5 Gallons
Did well dry out?	No		

Sampling

Date:	10/13/2016	pH	6.82	6.48	6.26	6.11	6.03
	11:45 AM	Temp (ºC)	15.94	13.83	12.69	12.30	11.49
	MW-104	Conductivity(mS/cm)	0.001	0.704	0.757	0.743	0.800
	Hand Bail	TDS (g/L)	0.001	0.450	0.485	0.475	0.512
		ORP (mV)	-140	-132	-131	-128	-123
		Turbidity (NTU)	130	92.9	623	298	656
		DO (mg/L)	8.19	1.85	1.74	1.66	1.85

Appearance

Rusty at first, then became clear during purge.

Comments

Turbidity fluctuates frequently (water turns clear then gray); all other readings stable.

APPENDIX B

October 2016
Groundwater Sampling Analytical Data

349 Northern Boulevard Suite 3 ▪ Albany, NY 12204 ▪ Phone: 518.453.2203 ▪ Fax: 518.689.4800

e-Hardcopy 2.0
Automated Report

Technical Report for

Envirospec Engineering

Novak Farms, Pike Road, McDonough, NY

Semiannual Sampling E07-101

SGS Accutest Job Number: MC48291

Sampling Date: 10/13/16

Report to:

Envirospec Engineering
349 Northern Blvd.
Albany, NY 12204
tedgington@envirospeceng.com

ATTN: Travis Edgington

Total number of pages in report: **14**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian
Lab Director

Client Service contact: Robert Soll 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO (MA00136) MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

Sections: 1 2 3 4

Table of Contents

Sample Summary

Envirospec Engineering

Job No: MC48291

Novak Farms, Pike Road, McDonough, NY
Project No: Semiannual Sampling E07-101

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC48291-1	10/13/16	11:35	TE	10/14/16	AQ	Ground Water	MW-104
MC48291-2	10/13/16	00:00	TE	10/14/16	AQ	Ground Water	DUP1
MC48291-3	10/13/16	00:00	TE	10/14/16	AQ	Trip Blank Water	TRIP BLANK

Summary of Hits

Job Number: MC48291
Account: Envirospec Engineering
Project: Novak Farms, Pike Road, McDonough, NY
Collected: 10/13/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC48291-1	**MW-104**					
Benzene		3.5	0.50		ug/l	SW846 8260C
Chloroethane		8.9	2.0		ug/l	SW846 8260C
1,1-Dichloroethane		17.8	1.0		ug/l	SW846 8260C
cis-1,2-Dichloroethene		1.5	1.0		ug/l	SW846 8260C
Vinyl chloride		5.4	1.0		ug/l	SW846 8260C
MC48291-2	**DUP1**					
Benzene		3.3	0.50		ug/l	SW846 8260C
Chloroethane		8.2	2.0		ug/l	SW846 8260C
1,1-Dichloroethane		17.1	1.0		ug/l	SW846 8260C
cis-1,2-Dichloroethene		1.5	1.0		ug/l	SW846 8260C
Vinyl chloride		5.6	1.0		ug/l	SW846 8260C
MC48291-3	**TRIP BLANK**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-104		
Lab Sample ID:	MC48291-1	**Date Sampled:**	10/13/16
Matrix:	AQ - Ground Water	**Date Received:**	10/14/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Novak Farms, Pike Road, McDonough, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V50740.D	1	10/19/16	KP	n/a	n/a	MSV1870
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	3.5	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	8.9	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	17.8	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.5	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	10	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-104		
Lab Sample ID:	MC48291-1	**Date Sampled:**	10/13/16
Matrix:	AQ - Ground Water	**Date Received:**	10/14/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Novak Farms, Pike Road, McDonough, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	5.4	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-129%
2037-26-5	Toluene-D8	100%		83-114%
460-00-4	4-Bromofluorobenzene	99%		75-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP1		
Lab Sample ID:	MC48291-2	**Date Sampled:**	10/13/16
Matrix:	AQ - Ground Water	**Date Received:**	10/14/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Novak Farms, Pike Road, McDonough, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V50739.D	1	10/19/16	KP	n/a	n/a	MSV1870
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	3.3	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	8.2	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	17.1	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.5	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	10	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP1		
Lab Sample ID:	MC48291-2	**Date Sampled:**	10/13/16
Matrix:	AQ - Ground Water	**Date Received:**	10/14/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Novak Farms, Pike Road, McDonough, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	5.6	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-129%
2037-26-5	Toluene-D8	99%		83-114%
460-00-4	4-Bromofluorobenzene	99%		75-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC48291-3	**Date Sampled:**	10/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/14/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Novak Farms, Pike Road, McDonough, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V50738.D	1	10/19/16	KP	n/a	n/a	MSV1870
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	10	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC48291-3	**Date Sampled:**	10/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/14/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Novak Farms, Pike Road, McDonough, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-129%
2037-26-5	Toluene-D8	101%		83-114%
460-00-4	4-Bromofluorobenzene	97%		75-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS ACCUTEST

SGS Accutest of New England
50 D'Angelo Drive, Building One Marlborough, MA 01752
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #:
Bottle Order Control #:
SGS Accutest Quote #:
SGS Accutest Job #: MC48291

Client / Reporting Information

Company Name: Envirospec Engineering
Street Address: 349 Northern Blvd STE3
City: Albany State: NY Zip: 12204
Project Contact: Travis Edmiston (on file) E-mail:
Phone #: 518 453 8203 Fax #:
Sampler(s) Name(s): Travis Edman Phone #:

Project Information

Project Name: Novak Semiannual Sampling
Street:
City: State: Zip:
Project#:
Client PO#:
Project Manager:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

VOC 8260 (Special list)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

SGS Accutest Sample #	Field ID / Point of Collection	Collection: MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	LAB USE ONLY
-1	MW-104		10/13	1135	TE	GW	3	X								X	
-2	Dup1		10/13	—	TE	↓	3	↓								↓	
-3	TRip Blank						2	↓								↓	
																	2 m2

Turnaround Time (Business days)
- [x] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (SGS Accutest PM): / Date:

LABEL VERIFICATION

INITIAL ASSESSMENT

Data Deliverable Information
- [x] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

See attached list for sampling parameters.

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Travis Edman	10/13 1533	1	2 FEDEX	10-14-16 940	2
3			3	4		4
5			5			

Custody Seal #: Intact / Not Intact / Preserved where applicable

On Ice: ✓ Cooler Temp: 2.1°C

SGS Accutest Sample Receipt Summary

Job Number: MC48291 **Client:** ENVIROSPEC **Project:** NOVAK SEMI ANNUAL

Date / Time Received: 10/14/2016 9:40:00 AM **Delivery Method:** FEDX **Airbill #'s:** 8082 4294 4650

Cooler Temps (Initial/Adjusted): #1: (2.1/2.1);

Cooler Security

	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature

	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Thermometer ID:	IRGUN1;		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation

	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Comments

Sample Integrity - Documentation

	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition

	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions

	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

DEC Correspondence Letter

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 7
615 Erie Boulevard West, Syracuse, NY 13204-2400
P: (315) 426-7519, (315) 426-7551 | F: (315) 426-2653
www.dec.ny.gov

October 18, 2016

Stauffer Management Company, LLC
Charles Elmendorf
1800 Concord Pike
PO Box 15437 FOP3-415
Wilmington, DE 19850-5437

Re: Novak Farm Semi-annual Groundwater Report, April 2016
Novak Farm, McDonough
Chenango County, Site No.: 709005

Dear Mr. Elmendorf :

The Department has reviewed the referenced report prepared by Envirospec Engineering and have the following comments:

The laboratory analysis indicate volatile organic compounds (VOCs) concentrations appear to be on a downward trend or leveling off, however there remains a few VOC compounds with concentrations slightly above groundwater protection values.

In the referenced report, Stauffer Management Company, LLC has requested a “no further action” for the site.

The Department will allow the semi-annual groundwater monitoring to be discontinued, however a “no further action” cannot be issued at this time.

The site’s next Periodic Review Report (PRR) will be due December 2016 which is currently scheduled on an “every three-year review basis.” Following the December 2016 PRR the next PRR will be scheduled for December 2019, at which time the Department requires that a groundwater monitoring event (includes laboratory analysis) to occur within the 2019 calendar year. The monitoring results can be submitted prior to or along with the December 2019 PRR. Upon review of the 2019 PRR and the results of the groundwater monitoring, the Department will determine the next course of action for this site.

If you have any questions or wish to discuss this matter further, please contact me at 315-426-7515 or e-mail: Christopher.Mannes@dec.ny.gov.

Sincerely,

Christopher F. Mannes III

Christopher F. Mannes P.E.
Environmental Engineer II

Ec: Harry Warner, P.E. NYSDEC
Julia Kenney, NYSDOH
Gianna Aiezza, P.E. Envirospec Eng.