



11541 95th Avenue North
Minneapolis, MN 55369
Tel: 763-315-4501
Fax: 763-315-4507

May 10, 2013

James Craft
New York State Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, New York 14414-9519

**Subject: Former Monarch Chemicals Facility
61 Gates Avenue - Geneva, New York
VCP No. V00119-8
Project Status Report – May 2013**

Dear Mr. Craft:

Pinnacle Engineering Inc., (Pinnacle), on behalf of the H.B. Fuller Company (H.B. Fuller), is pleased to submit the following project status report (PSR) for May 2013 related to activities conducted at the Former Monarch Chemicals Facility located at 61 Gates Avenue, Geneva, New York. This report is prepared pursuant to the Voluntary Cleanup Agreement (VCA) between H.B. Fuller and the New York State Department of Environmental Conservation (NYSDEC), VCP No. V00119-8.

Actions Taken During the Reporting Period

H.B. Fuller received the TestAmerica Laboratories Inc., (TAL) analytical report on April 12, 2013 for the groundwater sampling event conducted March 27 – 29, 2013. During the reporting period H.B. Fuller has been evaluating the analytical results and updating the site databases.

H.B. Fuller received the TAL analytical report on April 18, 2013 for the soil vapor (SV) sampling event conducted March 28, 2013. During the reporting period H.B. Fuller has been evaluating the analytical results and updating the site databases.

Actions Anticipated for the Next Reporting Period

H.B. Fuller will begin compiling the analytical data and create contour maps, isoconcentration maps, hydrographs, and data tables with the SV and groundwater data collected from the March 2013 sampling events.

Activity Modifications (Changes in Work Scope and/or Schedule)

There were no changes or modifications to the RI or IRM during the reporting period.

Results of Sampling Activities and Other Data Received

A summary of the volatile organic compounds (VOCs) detected in groundwater are tabulated and attached to this PSR. Additionally, a summary of the SV VOC results is also attached to this PSR.

Corporate: 11541 95th Avenue North, Minneapolis, MN 55369
800-366-3406 · Main: 763-315-4501 · Fax: 763-315-4507
Minneapolis, MN · Rochester, MN · Omaha, NE · Minot, ND
www.pineng.com

24 Hr. Emergency Response: 1-866-658-8883

Agency Communications

There were no agency communications during the reporting period.

IRM Status

The IRM has been implemented and reported to NYSDEC October 29, 2012 in the Interim Remedial Measures (IRM) Status Completion Report. ERD in groundwater is documented as an on-going remedial activity.

Remedial Investigation Status

The Data Gap Remedial Investigation Report was submitted to NYSDEC June 15, 2012. The RI was accepted, with comments, by NYSDEC on February 21, 2013.

Percent Completion Estimate

The IRM has been implemented. The schedule presented in the IRM Workplan suggests that the post-injection monitoring period is approximately 91% complete.

Unresolved Delays and Mitigative Efforts

There were no Unresolved Delays or additional Mitigative Efforts during the reporting period.

Pinnacle believes this report fulfills the reporting requirements for the VCA. If you have any questions please feel free to contact me at (763) 277-8422.

Sincerely,



Keith B. Rapp
Senior Hydrogeologist\Senior Project Manager
PINNACLE ENGINEERING, INC.

Enclosures – Groundwater VOC Summary Table
Soil Vapor VOC Summary Table

- cc: (electronic copies)
- Kristin Colberg - H.B. Fuller\St. Paul
- Steve Bates - NYSDOH\Troy
- Debbie McNaughton - NYSDOH\Rochester
- Bartholomew H. Putzig - NYSDEC\Avon
- Maura Desmond - NYSDEC\Buffalo
- Rod Bailey - BCS\Geneva

Summary of 1st Quarter 2013 Groundwater Quality Sampling - VOCs
Former Monarch Chemicals Facility
61 Gates Avenue, Genevay, Ontario County, New York
VCP No. V00119-8

		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans 1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	Chloroform	Benzene	Xylene (total)	Methyl Ethyl Ketone	Chloroethane	Acetone	Total VOCs
SITE	DATE	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	
DEC-GW-STD		5	5	5	5	5	2	5	5	7	5	5	50	5	50	
MW-114	3/27/13	0.57	5.9	0.89	36	< 1	1.8	1.6	2.1	< 1.3	< 1	< 1	< 10	< 1	< 10	49
MW-115	3/27/13	14	4.6	1.8	60	< 1	2.5	1.1	14	0.5	< 1	< 1	< 10	0.7	< 10	99
MW-115d	3/27/13	< 1	< 1	0.75	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 10	< 1	< 10	3
MW-116	3/29/13	< 1	4.3	< 1	13	< 1	6.1	< 1	5.6	< 2	1.1	< 1	< 10	< 1	< 10	30
MW-117	3/27/13	< 1	< 5	< 1	4.9	< 1	< 1	< 1	< 1	< 1	< 1	5	< 50	< 1	17	44
MW-118	3/29/13	< 1	0.83	< 1	2.1	< 1	< 1	< 1	0.9	< 1	< 1	< 2	6.2	35	58	104
MW-119	3/29/13	< 1	< 2	< 1	< 1	< 1	< 1	< 1	15	< 1	1.1	< 3	< 5	17	< 20	33
MW-120	3/29/13	4.4	12	0.9	30	< 1	3.8	9	15	0.6	< 1	< 3	< 10	1.5	< 10	78
MW-121	3/28/13	3.1	3.7	< 1	4.6	< 1	0.96	1	4.2	< 1	< 1	< 3	< 5	< 1	< 10	19
MW-122	3/28/13	0.99	3.9	0.49	23	2.8	27	3.2	87	< 1	0.5	< 2	< 10	30	4.6	183
MW-124s	3/29/13	< 1	< 1	< 1	< 1	3.6	< 1	< 1	8.6	< 2	< 2	5	< 10	57	< 20	76
MW-124d	3/29/13	< 1	< 5	< 5	4.9	< 5	< 5	< 1	4.6	< 1	< 5	< 2	17	140	23	190
SW-STD		1*	40*	50*	50*		2*	50*	50*							
SW-1	3/28/13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	25	25
SW-2	3/28/13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	39	39
SW-3	3/28/13	< 1	< 1	< 1	0.8	< 1	< 1	< 1	0.4	< 1	< 1	< 1	< 10	< 1	14	15.2

< = less than conc. in ug/L

 = concentration above NYSDEC groundwater standard

* NYSDEC Class D Surface Water Standard or Guidance Value

 = concentration above NYSDEC surface water standard

Table 1
Summary of Historical SVI Sampling Results
Former Monarch Chemicals
61 Gates Avenue, Geneva, New York
VCP No. V00119-8

Location	1,1,1-Trichloroethane	Carbon tetrachloride	Tetrachloroethene	Trichloroethene
SS-1				
3/27/07	17	1.1	33	<0.21
1/31/08	14	<1.3	20	<1.1
12/20/10	16	<1.3	15	<1.1
3/28/13	6.53	18.4	3.07	<1.07
SS-2				
3/27/07	240	20	880	11
1/31/08	200	<3.8	750	4.8
12/20/10	200	<3.1	400	4.7
3/28/13	130	11.2	175	2.5
SS-3				
3/27/07	190	33	1,000	640
1/31/08	<1.1	4.7	2.7	1.3
12/20/10	60	<3.8	450	300
3/28/13	40.9	70.5	152	136
SS-4				
3/27/07	25	60	120	ND
1/31/08	<1.1	4.8	4.5	1.7
12/20/10	15	2	47	26
3/28/13	19.6	104	54.2	31.7
IA-1				
3/27/07	<0.22	75	0.75	<0.21
1/31/08	0.25	2.8	0.81	<0.21
12/20/10	0.32	2.1	1.1	0.31
3/28/13	<1.09	95.6	1.08	<1.07
IA-2				
3/27/07	0.37	250	1.6	0.36
1/31/08	0.38	5.5	1.4	<0.32
12/20/10	0.56	4.3	2	0.35
3/28/13	<1.09	210	2.93	<1.07
IA-3				
3/27/07	0.34	370	1.4	0.37
1/31/08	<1.1	7.5	1.4	<1.1
12/20/10	0.36	2.7	1.1	0.29
3/28/13	<2.73	418	<3.39	<2.69
IA-4				
3/27/07	0.33	750	1.4	0.37
1/31/08	0.4	6.3	1.6	<0.32
12/20/10	0.47	4.4	1.4	0.37
3/28/13	<3.83	610	<4.76	<3.77

all results in ug/m³