

*Distributed via eMail*

September 9, 2016

Ms. Danielle Miles  
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 – September 2016**

Dear Ms. Miles:

Pinnacle Engineering Inc., (Pinnacle), on behalf of H.B. Fuller Company (H.B. Fuller), is pleased to submit the following project status report (PSR) for September 2016 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**

On August 8-11, 2016, groundwater monitoring activities took place on-Site in preparation for the abandonment of wells MW-119 and MW-120 in the construction zone of the BCS truck scale and canopy project. The well abandonment logs are attached to this PSR.

The depth to groundwater at MW-119 was approximately thirteen (13) feet below ground surface (bgs), significantly deeper than the proposed soil excavation limits. Monitoring well MW-120 was dry at 13.56 feet bgs.

**Actions Anticipated for the Next Reporting Period**

- Submit groundwater monitoring data collected August 9 – 11, 2016.
- Revise SMP.

**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**

Groundwater sampling data from the August 2016 sampling event will be submitted to NYSDEC by September 15, 2016.

### **Agency Communications**

There were no communications with NYSDEC 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. In a letter dated February 21, 2013, NYSDEC accepted this report, with comments, and no further work or revisions are expected with this task. With this task complete, the project can move to closure.

### **Remedial Investigation Status**

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

### **Percent Completion Estimate**

The IRM has been implemented. The groundwater and sub-slab air sampling data document the IRM progressed as planned, and is 100% complete.

### **Unresolved Delays and Mitigative Efforts**

None 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,

**PINNACLE ENGINEERING, INC.**



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

cc: Kristin Colberg	- H.B. Fuller\St. Paul
Justin Deming	- NYSDOH\Albany
Julia Kenney	- NYSDOH\Albany
Bernette Schilling	- NYSDEC\Avon
James Mahoney	- NYSDEC\Buffalo
Jack Spicuzza	- Univar\Redmond
Bill Anthony	- Pinnacle\Joplin
Bob Wojciak	- Pinnacle\Piney Flats

# WELL DECOMMISSIONING RECORD

Site Name: H.B. Fuller Well I.D.: NW-119  
 Site Location: Lakes Ave. Geneva N.Y. Driller: T. Mangetrich  
 Drilling Co.: Nottingham Drilling Inspector: \_\_\_\_\_  
 Date: 8-9-16

## DECOMMISSIONING DATA (Fill in all that apply)

### OVERDRILLING

Interval Drilled \_\_\_\_\_  
 Drilling Method(s) \_\_\_\_\_  
 Borehole Dia. (in.) \_\_\_\_\_  
 Temporary Casing Installed? (y/n) \_\_\_\_\_  
 Depth temporary casing installed \_\_\_\_\_  
 Casing type/dia. (in.) \_\_\_\_\_  
 Method of installing \_\_\_\_\_

### CASING PULLING

Method employed \_\_\_\_\_  
 Casing retrieved (feet) \_\_\_\_\_  
 Casing type/dia. (in.) \_\_\_\_\_

### CASING PERFORATING

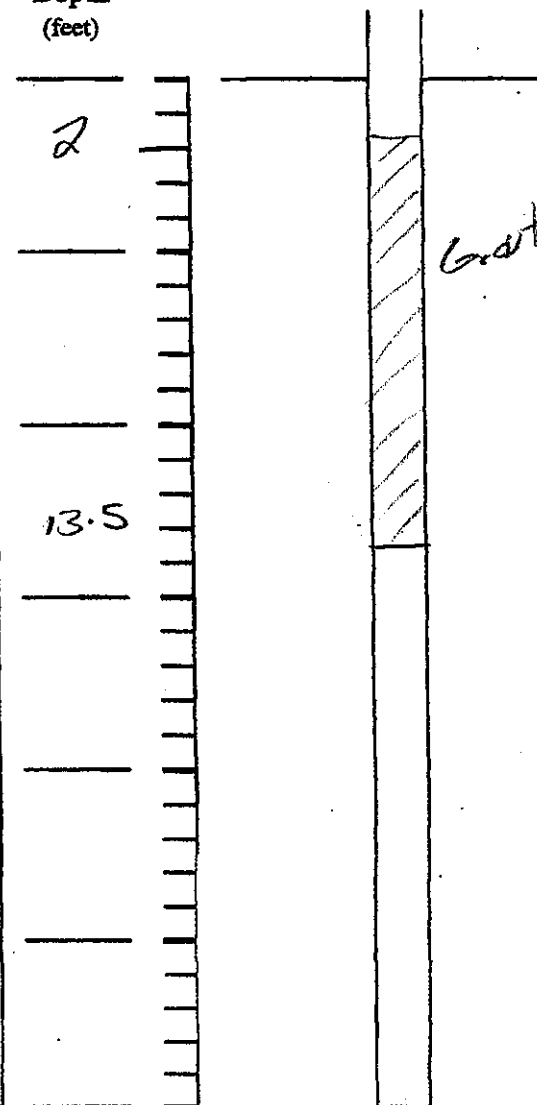
Equipment used \_\_\_\_\_  
 Number of perforations/foot \_\_\_\_\_  
 Size of perforations \_\_\_\_\_  
 Interval perforated \_\_\_\_\_

### GROUTING

Interval grouted (FBLs) 13.5-2'  
 # of batches prepared 1  
 For each batch record:  
 Quantity of water used (gal.) 7.8  
 Quantity of cement used (lbs.) 94  
 Cement type TYPE I  
 Quantity of bentonite used (lbs.) 3.9  
 Quantity of calcium chloride used (lbs.) —  
 Volume of grout prepared (gal.) 10  
 Volume of grout used (gal.) 2

## WELL SCHEMATIC\*

Depth  
(feet)



COMMENTS: Removed Surface Completion  
and cut PVC 2ft. BGS Tremie grout  
abandoned in place

\* Sketch in all relevant decommissioning data, including:  
 interval overdrilled; interval grouted; casing left in hole,  
 well stickup, etc.

Drilling Contractor

Department Representative

# WELL DECOMMISSIONING RECORD

Site Name: H.B. Fuller

Well ID.: MW-120

Site Location: Gates Ave Geneva N.Y.

Driller: T. Mangefride

Drilling Co.: Nothnagle Drilling

Inspector:

Date: 8-9-16

## DECOMMISSIONING DATA (Fill in all that apply)

### OVERDRILLING

Interval Drilled  
Drilling Method(s)  
Borehole Dia. (in.)  
Temporary Casing Installed? (y/n)  
Depth temporary casing installed  
Casing type/dia. (in.)  
Method of installing


### CASING PULLING

Method employed  
Casing retrieved (feet)  
Casing type/dia. (in.)


### CASING PERFORATING

Equipment used  
Number of perforations/foot  
Size of perforations  
Interval perforated

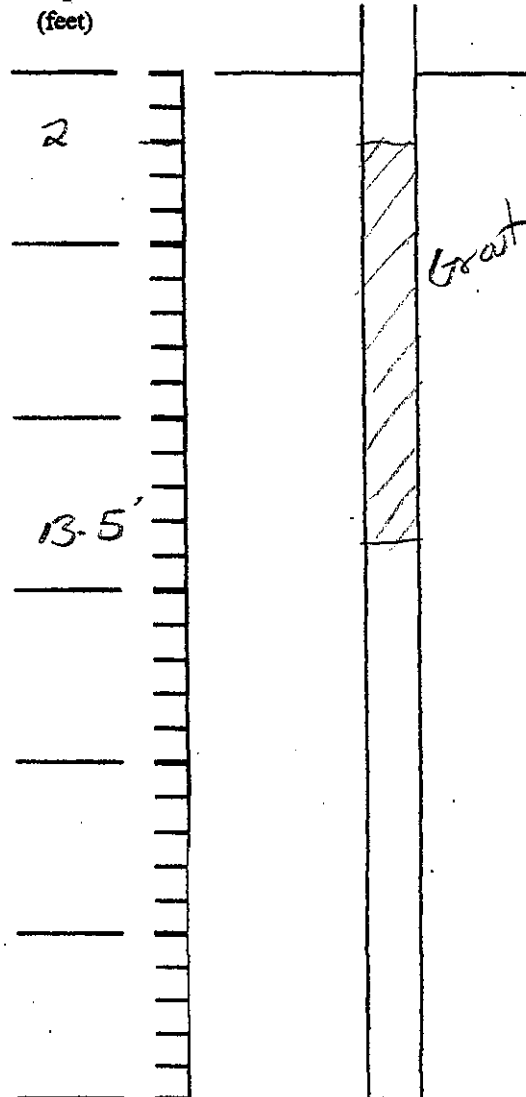

### GROUTING

Interval grouted (FBSL)  
# of batches prepared  
For each batch record:  
Quantity of water used (gal.)  
Quantity of cement used (lbs.)  
Cement type  
Quantity of bentonite used (lbs.)  
Quantity of calcium chloride used (lbs.)  
Volume of grout prepared (gal.)  
Volume of grout used (gal.)

<u>13.5-2</u>
<u>7.8</u>
<u>94</u>
<u>Type I</u>
<u>3.9</u>
<u>10</u>
<u>2</u>

## WELL SCHEMATIC\*

Depth  
(feet)



COMMENTS: Removed surface completion  
and cut PVC off 2ft BGS. Tremie  
grout abandoned in place

\* Sketch in all relevant decommissioning data, including:  
interval overdrilled; interval grouted; casing left in hole,  
well stickup, etc.

Thomas H. Mangefride  
Drilling Contractor

Department Representative