

December 3, 2012

Mr. Scott Deyette Project Manager New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233-7014

Re: Proposed Monitoring Well Decommissioning
Troy (Liberty Street) Non-Owned Former Manufactured Gas Plant (MGP) Site
Troy, New York
NYSDEC Site # is V000482

Dear Mr. Deyette:

Per our meeting with you on November 16, 2012, we are providing this letter proposal for well decommissioning at the Troy (Liberty Street) Non-Owned Former Manufactured Gas Plant (MGP) Site in Troy, New York (Figure 1). Site activities are shifting from investigation to remediation and it's not necessary to retain all of the monitoring wells. Not all monitoring wells at the site will be required in the future.

Figure 2 presents the locations of the twelve monitoring wells and five piezometers at the site. All five piezometers will be decommissioned because they have served their purpose: they generated data that confirms the water table is nearly flat. Additional confirmation is not required. Figure 2 also identifies those wells we propose to decommission. The table below provides our rationale for retaining or decommissioning specific monitoring wells.

Well ID	Description	Retain or Decommission?	Rationale
B/MW-101(05)	Background well	Retain	Monitor upgradient groundwater quality.
B/MW-102(05)	Northwest corner of site.	Retain	Monitor on-site groundwater quality.
B/MW-103(05)	Southwest corner of site, near tar well	Decommission	Well likely to be destroyed during remediation.
B/MW-104(05)	Well near Hill Street and for- mer MGP office	Decommission	Downgradient well B/MW-202(06) is adequate for impact monitoring.
B/MW-201(06)	Off-site, to the south.	Decommission	Well B/MW-404(11) will provide adequate off- site/downgradient monitoring in the future.
B/MW-202(06)	Off site, west side of Hill Street	Retain	Monitor groundwater quality migrating off site.
B/MW-203(06)	Off-site well, corner of Hill and Liberty Street	Retain	Monitor groundwater quality migrating off site from B/MW-102(05).
B/MW-301(10)	Northeast corner of site.	Decommission	Only need one background well.
B/MW-302(10)	Southern portion of site near former retorts.	Decommission	Monitoring not required for future site evaluation.
B/MW-303(10)	Off-site, near corner of Hill and Washington Streets.	Decommission	Well apparently located within a structure with water levels higher than groundwater table. Not useful.
B/MW-324(10)	Southwest corner of site, near tar well	Decommission	Well likely to be destroyed during remediation
B/MW-404(11)	Off-site, west side of Hill street.	Retain	Monitor groundwater quality migrating off site from area of southern tar well.

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Field Procedures

Monitoring wells will be decommissioned using grouting in-place methods in accordance with guidance presented in the *NYSDEC CP-43: Groundwater Monitoring Well Decommissioning Policy*, dated November 3, 2009.

The drilling contractor (not yet selected) will attempt to pull the monitoring well casings in wells that are 25 feet in depth or shallower, per *NYSDEC CP-43*. Boreholes will be pressure-grouted using a tremie pipe with a bentonite mix or portland cement grout mixture. Excess soil cuttings will be screened with an organic vapor meter and inspected visually and olfactorily. Apparently clean cuttings, PVC material, and concrete will be collected in 55-gallon United States Department of Transportation (US DOT) drums and disposed of as construction and demolition debris by the drilling contractor. Obviously impacted materials will be drummed separately for proper disposal by Clean Harbors, on behalf of National Grid.

If you have any questions or require additional information, please feel free to contact me at (315) 428-3101 or Jerry Zak, (860) 368-5404, at GEI Consultants, Inc.

Sincerely,

for

James Morgan Project Manager

Attachments



