



FPM Group, Ltd. FPM Engineering Group, P.C. formerly Fanning, Phillips and Molnar

### **VIA EMAIL**

CORPORATE HEADQUARTERS 909 Marconi Avenue Ronkonkoma, NY 11779 631/737-6200 Fax 631/737-2410

June 8, 2006

Mr. Vadim Brevdo, P.E. New York State Department of Environmental Conservation Division of Environmental Remediation 47-40 21<sup>st</sup> Street Long Island City, NY 11101-5407

Re: Second Addendum to Remedial Action Work Plan 90-30 Metropolitan Avenue, Rego Park, Queens, NY NYSDEC Site V00253-2

FPM File No. 788-05-07

Dear Vadim:

In accordance with your June 5, 2006 email, FPM Group (FPM) is hereby submitting this Second Addendum to the Remedial Action Work Plan (RAWP) for the above-referenced site for your review. This second Addendum addresses issues raised in your email. Each of these issues is addressed below.

# **Proximity to Jamaica Water Supply Wells**

As discussed in the Exposure Assessment in Appendix B of the RAWP, a search of the NYSDEC databases of public water supply wells and other supply wells was performed by IT Engineering of New York during the Preliminary Site Assessment (PSA) for this site. This work was performed in 2001 under contract to the NYSDEC and was included in the January 2002 PSA Report. No Jamaica Water Supply wells were identified within one-half mile of the site during this search. FPM again reviewed the NYSDEC database of public water supply wells on June 6, 2006 and confirmed that all of the Jamaica Water Supply wells registered with the NYSDEC are located significantly to the east of the site. Therefore, no impacts to Jamaica Water Supply wells could reasonably be anticipated for this project.

## **Community Air Monitoring Plan**

The Community Air Monitoring Plan (CAMP) will be implemented during all intrusive work at the site.

### **MTBE Source**

The MTBE previously detected in onsite groundwater appears to be from an upgradient source. This issue was previously discussed with the NYSDEC representative Joe O'Connell and he had indicated that it would be reported to the NYSDEC spills group. If we continue to observe MTBE in the onsite groundwater we will notify the NYSDEC spills group.

## Institutional Controls, Site Management Plan, Annual Certification, Site Use

The need for institutional controls, a site management plan, etc. are addressed on page 4-1 of the RAWP. It is the Volunteers' intent to remediate the site to below the SGCs, if possible, such that institutional controls, a site management plan and associated annual certifications are not necessary. If SGCs are not achieved, then appropriate measures, including institutional controls, a site management plan, and annual certifications, will be implemented. The site is presently being redeveloped for commercial retail uses that do not include child care, health care, school or residential uses. In the event that SGCs are not achieved following implementation of the remedy, then the deed restriction will include a specific prohibition against such sensitive uses.

#### Volunteer Status

The Co-Volunteers for this site are not responsible parties; they are volunteers.

## **Groundwater Isopleths**

Isopleths of PCE concentrations in the intermediate and deep groundwater are included on the attached figures.

## Offsite Exposure

The potential for offsite exposure, particularly to the groundwater, was addressed in the Exposure Assessment included in Appendix B of the RAWP. No offsite exposures are anticipated.

#### **Cost Evaluation**

The net present worth of the remedy is estimated at \$1,000,000. The capital cost is estimated at \$400,000 and the annual operation and monitoring cost is estimated at \$150,000. These figures will be reevaluated and updated in the Final Remedial Report.

Please contact me at (631) 737-6200, ext. 228 or via email if you have any further comments.

Very truly yours,

Stephanie O. Davis Senior Hydrogeologist Department Manager

SOD:tac Attachments

CC:

Julia Guastella w/attachments David Schore w/attachments Joseph F. Battiato w/attachments



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