

New York State Department of Environmental Conservation

Division of Environmental Remediation

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Joe Martens
Commissioner

January 15, 2014

Mr. Patrick Van Rossem
National Grid
Site Investigation and Remediation
175 East Old Country Road
Hicksville, NY 11801

Re: Draft IRM Pre-Design Investigation Data Summary Report
Fulton MGP
Site # 224051

Dear Mr. Van Rossem,

The New York State Department of Environmental Conservation (Department) has reviewed the Interim Remedial Measure Pre-Design Investigation Data Summary Report dated April 2013 for the Fulton MGP site. The document provides the necessary information to proceed with design of a barrier wall along the east bank of the canal, and is hereby approved with the following modifications:

1. Characterization borings 123A and 128, located along the east canal bank on Parcel VII, showed MGP impacts ranging from coating to saturation at elevations close to that of the accumulated/native sediment interface. In order to prevent the migration of coal tar from this area to the canal, the barrier wall alignment should be extended along the eastern bank to the head of the canal. Figure 8 should be modified accordingly in subsequent submissions. Likewise, subsequent discussions such as presented those presented in Section 3.1.1 Barrier Wall Alignment should be modified to indicate that tar-like material has been identified in the subsurface on Parcels I, VI and VII.
2. The Department understands that the delineation of MGP-related source material on the eastern canal bank at the southern end of the study area, between Sackett St. and Union St. could not be completed due to the instability of the bulkhead. The characterization borings that were progressed in this area (SB-121A and SB-127) showed MGP impacts ranging from sheens to blebs to tar coating in blebs. This degree of impact indicates that at some point mobile coal tar was present in this area. Based on our experience at other MGP sites, the Department anticipates that a change in the hydrological environment resulting from the installation of the barrier wall could remobilize MGP source material in this area. The potential for extending the barrier wall in this area to Union St. should be retained for further evaluation during the development of the remedy for the site.

Sincerely,

A handwritten signature in black ink, appearing to read "H. T. Willems". The signature is fluid and cursive, with the first letters of each name being capitalized and prominent.

Henry T. Willems
Engineering Geologist 1

cc: P. Van Rossem, National Grid
D. Campbell, National Grid
T. Leissing, National Grid
G. Cross, NYSDEC
G. Heitzman, NYSDEC
C. Doroski, NYSDOH