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Pfizer Global Manufacturing
Specialty/Biotechnology Operating Unit
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June 17, 2011

CERTIFIED MAIL - RETURN RECEIPT

Mr. Keith H. Gronwald
Senior Engineering Geologist
Remedial Bureau C
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway,
Albany, NY12233-7014

**RE: Wyeth Pharmaceuticals, Muddy Creek Surface Water & Sediment Sampling
ID No. NYD-054065909, DEC Site #344003
Town of Orangetown, Rockland County**

Dear Mr. Gronwald:

Enclosed is a sampling plan prepared in response to your Letter of May 25, 2011 requesting sampling of the Muddy Creek surface water and sediment for VOCs, SVOCs and TAL Metals at the exit point of the Creek from the facility. The enclosed plan includes sampling locations and field parameters in addition to the requested ones so that the sampling results at the exit point may be viewed in a more comprehensive manner.

Presently we expect to do the field work during the latter part of the week of June 20, 2011. The results will become available after QA validation.

Should you need any additional information, please contact me at (845) 602-2500.

Sincerely,

A handwritten signature in blue ink, reading "Michael T. Kontaxis".

Michael T. Kontaxis, P.E.
Manager, Environmental Technology

Enclosures

bcc: C. Clark
R. Schott
P. Sidoti
J. Purtill
File 4352

PFIZER, PEARL RIVER SITE SAMPLING PLAN

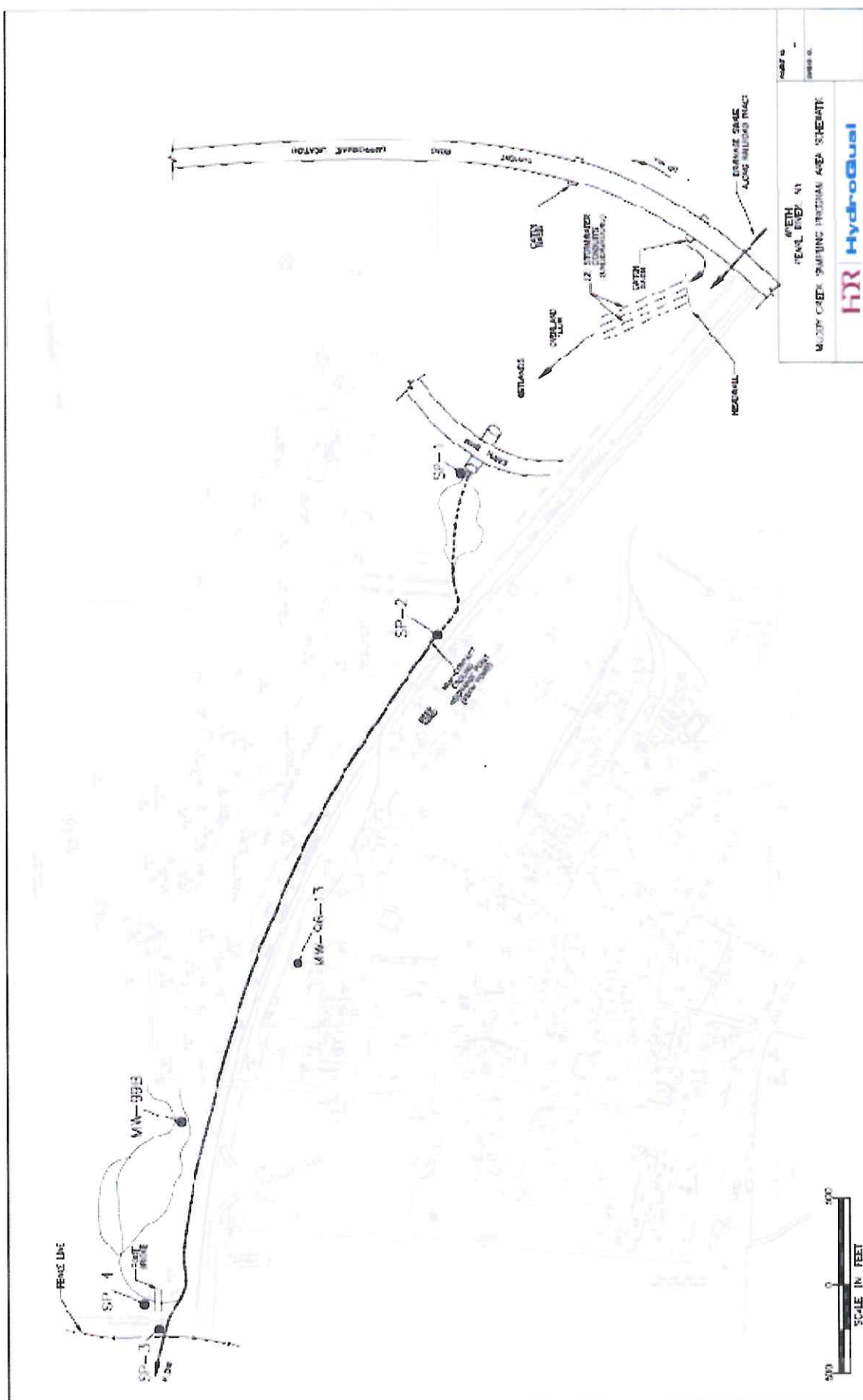
BACKGROUND

On May 25, 2011, the New York State Department of Environmental Conservation (NYSDEC) sent a letter to Pfizer requesting that a surface water and sediment sample of Muddy Creek be obtained by Pfizer and analyzed for VOCs, SVOCs and TAL Metals. The NYSDEC is interested in the quality of Muddy Creek immediately downstream of the Wyeth property boundary and has requested that the sampling be performed at that single location. Muddy Creek is classified by NYSDEC as a Class C water. The NYSDEC acknowledges that the available data in Muddy Creek is limited to that provided by Pfizer as required by the site's SPDES permit monitoring requirements (DEC ID No. NYD-054065909, DEC Site # 344003). The purpose of the sampling, as stated in the letter is to "close the data gap" that the agency has identified. In addition to the single sampling location requested by NYSDEC, additional locations, particularly to assess inputs from upstream of the Wyeth site and from Muddy Creek's tributary areas outside of the Wyeth site are included.

SAMPLING LOCATIONS

Figure 1 is a grey scale location map of the Wyeth, Pearl River site with a schematic location map of the four (4) proposed sampling locations. Station SP-1 is located on the downstream side of an earth berm upstream of the Wyeth site. This area receives drainage from the Convent Road area catch basins that is directed to this area via underground stormwater conduits. Additional runoff flow is contributed via a swale that runs parallel to the railroad tracks. This flow runs overland to the area behind the earth berm where it can be impounded. The flow then passes through the berm via a pipe that is in the vicinity of the headwaters for Muddy Creek. The creek in its headwaters location can be considered as intermittent with the presence of flowing and/or standing water is a function of recent rainfall. The intermittent nature of Muddy Creek between SP-1 and SP-2 is indicated on the schematic as a dotted line. Station SP-2 is located on Muddy Creek immediately upstream of the discharge from Reed Pond to Muddy Creek. Downstream of SP-2, the discharge from Reed Pond contributes to Muddy Creek flow. Reed Pond contains non-contact cooling water and stormwater from the Wyeth site. Station SP-3 is located on Muddy Creek immediately upstream of the Wyeth fence line. The location corresponds to the NYSDEC SPDES monitoring location 001-1B for the site. Station SP-4 is located at a footbridge crossing a Muddy Creek tributary that drains areas at the west of the Wyeth Pearl River site where several landfills are located.

Allowance will be made (by bringing extra sample bottle sets) for additional samples, should the sampling team observe appreciable flow entering Muddy Creek from pipes/ditches, for example, that were observed to be dry during the site reconnaissance. One such potential sampling point is the pipe that comes across from the landfill areas and under the helicopter pad downstream of the Reed Pond discharge, for example.



SAMPLE PARAMETERS

HDR|HydroQual personnel will conduct the sampling, moving from downstream to upstream locations, and prepare the water and sediment samples for transport to the TestAmerica Laboratories, Edison, NJ, NYSDOH cert # 11452. Each sampling location will be located using a Trimble Hand Held GPS unit. Photos of each station will be taken on the day of sampling. At each location where there is flowing water, a flow measurement will be made using a Marsh-McBirney velocity meter (or equivalent). Field measurements of water temperature, conductivity, temperature, and pH will be taken at each location.

SAMPLING PROCEDURES

The laboratory will supply a sample bottle/container set for the sampling program. Each sample container will be in compliance with the container material specification and will include the appropriate preservative as specified in each Standard Method below. Water and soil matrix samples will be collected directly into the sample container. In addition to the four (4) sampling locations, one (1) duplicate each for water matrix and soil matrix, and one (1) field blank for water matrix will be provided to the lab for quality control/quality assurance (QA/QC) purposes. One (1) trip blank will also be provided. The total number of analyses is 12.

There is always flow at SP-3. During the sampling event, soil/sediment samples will be taken at each sampling location. At locations SP-1, SP-2 and SP-4 s water and sediment samples will be taken if there is any water present (flowing or standing with the flow condition noted). If there is no water present, only a soil/sediment sample will be taken at that location.

The analytical results provided by the laboratory will include Water Matrix and Soil/Sediment Matrix analyses for Target Compound List for VOCs (Method 8260B), Target Compound List for BNAs (Method 8270C), Target Analyte List for Metals (including Hg) (Method 6010B), and Mercury CVAA (Method 7470A in water and Method 7471A in soil). The laboratory will provide “Level B” QA/QC on all analyses.

DATA REPORTING AND USEAGE

A data report including field measurements and laboratory report will be prepared. In addition, a search of on-line databases (USGS e.g.) will be conducted for other readily available data (if any) in Muddy Creek and adjacent waters that would provide background conditions.