

June 29, 2010

Mr. Joe Fallon
Chief, Environmental Division
Directorate of Public Works
U.S. Army Garrison Fort Monmouth
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Via Email Joseph.M.Fallon@us.army.mil

Re: 2009 Sanitary Sewer Lining Project
Eatontown Sewerage Authority
Borough of Eatontown, Monmouth County, New Jersey
MC Project No. ESA-102A

Dear Mr. Fallon:

Please be advised that by-pass pumping routed along the stream, as previously discussed, is no longer proposed for the above referenced project. Instead, "manhole to manhole" by-pass pumping is now proposed with the by-pass pumping hose laid on top of the landfill/stone drive areas. Below please find the currently proposed plan for the Fort's review and approval.

The Contractor, Allstate Power Vac, Inc. (Allstate) proposes to utilize one staging area located at MH567 for the installation of the liner for the entire sewer being rehabilitated within Fort Monmouth. Allstate will utilize this staging area to insert the liner upstream and downstream. Various trucks including the boiler truck, the refrigerated trailer unit and a backhoe will be stationed at MH567. The area around MH567 will be protected by placing temporary construction mats to accommodate the vehicles and minimize disturbance. A utility truck and foot access will be required to access every manhole from MH563 to the Metering Station for monitoring of the liner temperature during the installation and reinstatement of each manhole (cutting the top of the liner) to allow for future access to the sewer line. This can be accomplished without any vehicle leaving the blue stone road between MH564 to MH567 and then again between the Avenue of Memories and North Drive.

Allstate will install the liner within Fort Monmouth in two (2) phases, as follows:

Phase I

The liner will be inserted at MH567 inside Fort Monmouth and shot upstream to MH563 inside the Eatontown Sewerage Authority's former wastewater treatment plant outside of Fort Monmouth. All manholes between MH567 to MH563 are proposed to be accessed by utility vehicle and foot after installation to be reinstated.

Allstate will start bypass operations from MH562 in the Eatontown Sewerage Authority's former wastewater treatment plant. The bypass line is proposed to run parallel to the gravel road and discharge into MH568. It is anticipated that Phase I will require 24-36 hours to complete.



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Phase II

The liner will be inserted at MH567 within Fort Monmouth, shot downstream and end at the metering station in Fort Monmouth. All manholes between MH567 to the Metering Station are to be accessed by utility vehicle and foot after installation to be reinstated.


Allstate proposes to start bypass operations from MH566, run parallel to the gravel road up to MH568 at which time it will then follow the most accessible route off the gravel road until it reaches the Avenue of Memories. The crossing of the Avenue of Memories is proposed be completed by utilizing two (2) road ramps, which would have all proper signage required and flashing lights for visibility. The bypass is then proposed to continue along the gravel road along the creek and cross over North Drive and continue straight down to the metering chamber and be discharged into the manhole located just beyond the metering chamber. Allstate proposes to re-route traffic on North Drive by closing North Drive from Wilson Avenue to the first parking lot entrance west of the bridge on North Drive. By closing North Avenue, the Fort's culvert security gate, which is installed under the creek crossing on North Avenue, would not be compromised. All required detour and "road closed ahead" signage will be provided for this closure. This road closure will only be required during bypass operations. It is anticipated that Phase II will require 24-36 hours to complete.

For both Phases, the bypass system would only be in operation while the actual lining process is being preformed.

Should you have any questions, or require additional information, please do not hesitate to contact me.

Very truly yours,

MASER CONSULTING P.A.


John D. Van Dorpe, P.E.
Director of Utility Services

JVD/TR

Cc: Mr. Theodore F. Lewis, Jr., Executive Director

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