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## VIA ELECTRONIC CORRESPONDENCE

March 28, 2018

CCN: 61774  
File No: 8.DC.52 & 77

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RE: DOJ No. 90-5-1-1-4022/1  
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Attn: Compliance/Enforcement Section  
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**RE: Consent Decree (Case: No. 1:12-cv-24400-FAM)**  
**Reference DOJ Case No. 90-5-1-1-4022/1**  
**Section XI, Paragraph 52 – Potential Delay**  
**Section XVII, Paragraph 77 – Notices**  
**Potential Delay Notification Letter for Consent Decree Appendix D-2, Capital Improvement Projects 5.1 – Upgrade of Pump Station No. 0418**

Dear Sir/Madam:

In accordance with the provisions of Section XI, Paragraph 52 of the above referenced Consent Decree (CD), on March 14, 2018, Miami-Dade County (County) electronically notified United States Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) of an additional delay of CD Capital Improvement Project (CIP) 5.1 Upgrade of Pump Station #0418. On December 13, 2017, the County notified EPA and FDEP of several reasons for the delay of the project. Additional delays have occurred in the execution of this project during its construction phase. The March 14<sup>th</sup> email stated that this delay will impact the CD compliance date of November 24, 2018.

In accordance with Section XI, Paragraph 52, this notification letter shall further describe and explain the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; a statement as to whether, in the opinion of the County, such event may cause or contribute to an endangerment to public health, welfare or the environment.

**Explanation and description of the reasons for the delay**

The scope of this project includes the conversion of the existing Pump Station (PS) #0418 to a booster station by replacing all the pumps, shafts, and associated piping; adding new switchgear and VFDs (variable frequency drives); adding a new switchgear room and generator room along with associated mechanical and electrical equipment; and, installing a new emergency generator.

The CD CIP 5.1 PS #0418 contractor has been delayed for the following reasons:

- The gravity sewer main as part of Hialeah PS 200 needed to be completed prior to shutting down PS #0418. This caused the project to be delayed.
- An existing valve needed to isolate the station was damaged and required repair.
- Heavy infiltration into the influent pipe had to be mitigated.
- Leakage through three existing valves in the 30-inch discharge main.
- Hurricane Irma impact.
- Unforeseen condition in pump room of a concrete fillet that had to be demolished.
- Unforeseen needs to change the flowmeter and related valves on the discharge side of the station.
- Upon installation of the new vertically mounted centrifugal pumps it was found that, due to an error in the vendor fabrication process, the pump volute discharge flange impeded the pump structure and will require re-fabrication of pump components. All the newly delivered pumps have the same issue and will need re-fabrication. The estimated delay for the vendor to complete this re-fabrication work is 60 days.

All these activities are on the schedule's critical path.

**Actions taken or to be taken to prevent or minimize the delay**

The Program Management and Construction Management (PMCM) Team has met with the contractor multiple times to resolve the issues listed above and to discuss ways to mitigate schedule impacts. In addition, PMCM will work with the Engineer of Record to resolve each of the unforeseen occurrences listed above and attempt to mitigate and minimize the schedule impacts and work closely with the pump vendor to expedite the rework of the affected pump components

**Anticipated duration of the delay**

On December 22, 2017, the County submitted to EPA and FDEP a Request for Schedule Modifications related to projects in Appendix D and E of the Consent Decree with justifications. Included in this request, is the referenced project. The County is confident that the project will be completed by the December 22<sup>nd</sup> requested compliance date of October 22, 2019.

**Schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay**

The County will take the following steps (in sequence) to prevent or mitigate delay or the effect of the delay:

1. Continue to meet with contractor, EOR and WASD to assist in resolution of ongoing problems.
2. Meet with Contractor to discuss additional work resources on the project to expedite key elements of the work.
3. Engage with the pump vendor to expedite the re work of the pump components and arrange for each individual pump assembly to be returned to the project site as it becomes available to allow installation work to continue as soon as possible.

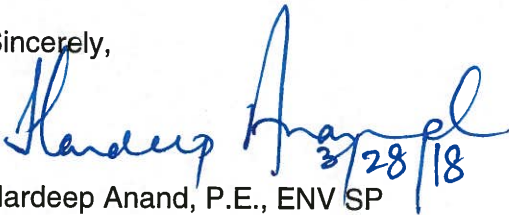
**Cause or contribute to an endangerment to public health, welfare or the environment**

The conversion of PS #0418 to a booster station is necessary to ensure the collection system's capacity to serve future developments as well as upgrade equipment to maintain the integrity of our system. It is the County's opinion that this delay will not present an immediate endangerment to the public health, welfare, or the environment.

Should you have any questions regarding this matter, please call me at (786) 552-8571.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Hardeep Anand, P.E., ENV SP  
Deputy Director, Capital Improvement Programs & Regulatory Compliance

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