



YOUR GOALS. OUR MISSION.

ETSA-G1601

April 7, 2016
info@theesa.org

Authority Commissioners
Eatontown Sewerage Authority
Municipal Building
47 Broad Street
Eatontown, NJ 07724

Re: Engineer's Status Report – March 2016

Dear Commissioners:

Enclosed herein is my report on project status and issues for the month of March.

The following is the status of Capital Projects in progress:

1. **Capital Improvement Program Year 2:** Aqua Infrastructure is continuing with a few remaining sewer rehabilitation items in the contract and is working on punch list items. We have received a second payment request from Aqua and are presently reviewing same.
2. **Highway 35 Sewer Repair:** In late December, Kiely constructed final paving associated with the filling and abandonment of the 2 sewer sections on Highway 35 near Monmouth Mall. Recently the NJDOT requested follow up by Kiely on the pavement repair. Kiely performed follow up repair on Tuesday, March 29, 2016. Mr. Ron Roberts advised the paving has been approved by the NJDOT and he will close out the permit and review whether any funds remain to be returned to ESA.
3. **Future Capital Projects:** Potential Future Capital projects have been discussed at the Authority's recent meetings. Summaries of the projects (listed below) were provided in a previous status report.
 - Manhole Rehabilitation
 - Lining of Sanitary Sewer Easements
 - Brookwood Pump Station Upgrades
 - Force Main Inspections
 - Generator Upgrades

At the direction of the Authority, T&M has prepared an engineering services proposal for the Manhole Rehabilitation project and submitted same under separate cover. No action will be taken on the remaining projects listed above until direction is provided by the Authority.

4. **Old Deal Road Pump Station (ODRPS):** ESA installed phase monitoring relays at the ODRPS in February 2016 to prevent pump issues due to problems with power coming into the station. The Authority is also awaiting an upgrade of the service to the station by JCP&L. In spite of the current efforts to address the ODRPS problems, the Authority continued to experience control panel



*Le: Authority Commissioners
Eatontown Sewerage Authority*

Re: Engineer's Status Report – March 2016

problems in March and experienced a problem in the control panel on March 21, 2106 which damaged one of the starters and one of the pumps. Based on inspection by T&M staff, the problem appears to be a control issue (as opposed to an incoming power issue) which caused the starter to burn out which in turn caused the pump problem. T&M prepared a report on this incident which is submitted under separate cover. The report details recommended repairs and provides an engineering scope and fee for consideration.

5. **Sanitary Sewer Bypass Pump Equipment:** The portable bypass pump recently purchased by ESA was received during the week of March 28, 2016.

During this reporting period, the only development project related work was as follows:

6. **11 Meridian:** Under this project, the Applicant completed construction of its lateral connection to an existing main. T&M reviewed video of the lateral, found it to be acceptable, and issued a final closeout letter dated April 6, 2016.

The following projects were reviewed during previous reporting period(s) with continuing comment or awaiting inspection.

7. **Audi of Eatontown (Block 2401, Lot 55):** T&M reviewed the video of the additional lateral that was installed to confirm construction was satisfactory. The lateral installation was found to be acceptable although there was some sand in the line that requires cleaning. A letter has been forwarded to the applicant requesting cleaning of the lateral pipe. Construction of the O/W separator at the rear of the building remains to be completed.
8. **Lightbridge Academy** – The applicant's engineer resubmitted documents in accordance with the second engineering review letter which was issued August 27, 2015. The revised documents were reviewed and found to be acceptable. Under separate cover, T&M issued a letter dated recommending final approval subject to receipt of final plans and payment fees.
9. **Michaels Plaza Habit Burger** – The applicant's engineer finalized and submitted the requested updated as built plans reflecting the minor changes made to the final plans and also submitted certification that GI capacity is sufficient to eliminate the need for a flow control device. T&M subsequently prepared and transmitted a final closeout letter dated November 30, 2015 to ESA.
10. **Monmouth County SPCA Food Pantry:** Sewer lateral construction for the food pantry addition has been completed and the connection to the system was observed by the Borough Building Department. Based on the inspection, the construction was determined to be acceptable and T&M transmitted a letter to ESA on November 30, 2015 recommending project closeout. The letter also advised that due to the nature of the improvements being on private property, a maintenance bond would not be required.
11. **Affordable Housing Alliance-Spring House (Block 1401, Lot 32):** The project is to construct a multi-family building with 7 units and a new 6 inch lateral. Additional information has been received in support of the application and in response to our July 31, 2015 letter. A letter was



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issued October 1, 2015 recommending final approval subject to receipt of final plans and payment of fees. Final plans were received.

12. **PHO 99 (Block 2304, Lot 62)**: No change since T&M issued final review letter dated September 24, 2015 and recommended approval of the project subject to receipt of final sealed plans and a final estimate.
13. **7 Meridian**: T&M has reviewed a video of the lateral for this facility provided by ESA staff. The lateral connects to a drop manhole. Our review indicates the lateral is in satisfactory condition and no defects were observed.
14. **Voyager's Schools** – No change since third engineering review letter was issued August 27, 2015.
15. **Commercial Plaza 35, LLC (Eatontown Shopping Center-Block 3801, Lots 21 and 22)**: No change since the second engineering review letter issued on August 25, 2014.
16. **Quick Chek (Block 2302, Lot 1)**: No change since the first engineering review letter issued on December 23, 2014.
17. **MVs Best, 132 Lewis Street**: No change since last review letter issued on April 17, 2015.
18. **Atlas Cafe (Block 201, Lots 6)**: At the request of the Authority, T&M issued a collections letter to the applicant on June 3, 2015.
19. **Park Estates (Block 2803, Lots 19 and 22)**: This project includes 9 residential homes with sewer service via a new 8 inch sanitary sewer extension and 4 inch lateral. The project was approved at the July Monthly Board Meeting subject to compliance with the Engineer's comments and payment of fees. No further action is required at this time.

If you have any further questions, please do not hesitate to contact me.

Very truly yours,

CHRISTINE A. BALLARD, P.E.
EATONTOWN SEWERAGE AUTHORITY
ENGINEER


JOHN J. MCKELVEY, PE
SUPERVISING ENGINEER

CAB:JJM:scb

cc: Theodore Lewis, Executive Director
Richard Johnson, Superintendent
John Bonello, Esq., Authority Attorney

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