

Summary May 1ST 2018 to April 30TH 2019 for Consent order (section III.D.5)

New Contractors to project (section II)

- Musson Brothers for lateral lining

Projects closed out

- Met with IEPA to close out the following projects on SWWWF closeout June 20, 2018
 - Replacement pumps and equipment at Saylor and Jackson lift station (section III.D.1.A)
 - Upsizing of gravity line to Saylor and Jackson lift station (section III.D.1.B)
 - Installation on new Saylor and Jackson force mains section (III.D.1.C)
 - Installation of new 2 million gallon storage tank (section III.D.1.D)

Private Property I & I (section III.D.2.A)

In June 2018, city council passed an amended ordinance for enhanced reimbursement for properties located in consent order area to remove improper I & I connections to sanitary. The program is a tiered rate reimbursement program to enhance participation. The following is a summary:

- 341 connections were identified to be corrected
 - 62 residents have not responded to multiple attempts to contact them
 - 13 property owners have met with City staff and are currently in process of getting quotes to make repairs
 - 44 properties have filed for permit to make repairs
 - 7 properties are in the process of being inspected to verify improper connection has been removed
 - 1 property owner has passed final inspection and city is waiting for invoices to make reimbursement to property owner
 - 6 properties with sanitary clean out cap issues are currently under further investigation by city staff for repair options
 - 41 properties with clean out caps and window well drain are still on city staff action items to be investigated and repaired
 - 167 properties have completed improper I & I connection repairs.
- Just under 50% (167) of the improper I & I property connections have been resolved by May 1st, 2019.
- Just over 20% (71) of the improper I & I property connections are in process to being corrected
- Just over 18% (62) of the property owners have not responded to contact to make corrections.
- The city staff still has 12% of the sanitary cap and window well drains to address.
- Overall the project has cost the city just under \$368,000.00 with another \$184,000.00 under current contracts for repairs.

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Open items to be completed by December 31st, 2021 (Section III.D.2.E)

Based on SSIP findings, the following items remaining to be addressed:

- Sanitary main line lining – 6,246 feet planned in 2018 plus 2 segments on York in 2019
- Storm main line lining - 522 feet planned in 2018 which will completed these types of repairs
- Lateral connections - 95 completed by May 1st, 2019. Of those 27 were leaking at over 10gpm.
- Completed 2,288ft of lateral lining by May 1st, 2019
- Completed 725 lateral cleaning and televising by May 1st, 2019
- North Elmhurst Smoke testing (186,000 feet)
 - City continues to look for I & I throughout entire system to reduce I & I.
 - Identified many defects in the study area outside of the Consent order area. Overall, eight hundred thirty-one (831) smoke observations and eighteen (18) suspect observations were made.
 - Anticipated repairs to these items will occur after all Consent order task are completed.
- Manhole repairs – all major manhole repairs completed
 - Staff to replace Open manhole pick covers - 14
 - Staff to add Chimney seals to manhole rings – 86
 - We also started an annual manhole repair/replace program as part of our road program (includes areas outside consent order area) – anticipated that 27 manholes will be rehabilitated as part of this year’s program.
- Private sector discuss above

Computerized Management Maintenance System – CMMS (section IIID.3)

Over the past few years the city has researched and purchased a CMMS software program called “LUCITY”. Over the past few years the following has been completed:

- FOG monitoring work order process implemented with work order system within CMMS software
- Sanitary sewer back up monitoring and work orders implemented within CMMS software
- Hydrant flushing and fire flow testing work orders implemented within CMMS software

Over the past year, the following task have been started or completed within CMMS software

- ARCGIS set up started but not complete yet. This will allow for assets to be mapped in CMMS program

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- Water distribution almost completed by 5/1/2019
- Sanitary collection to be completed by next update
- Storm system will be completed after sanitary system is completed
- Asset for wastewater facility added and pm work orders now being created through CMMS Software
- Assets for sanitary lift stations and storm pumping stations have been added to CMMS Software with pm work orders being created
- A process for asset retirement and placement of new equipment has been developed in CMMS software

Future items still to be addressed are:

- Storm water system assets and pm program
- Historical contractor work added into CMMS software from start of consent order
- Create process for future contractor work to be monitored in CMMS software

Fats, Oil and Grease Program update (III.d.4)

- 386 FOG inspections completed
- 48 FOG samples were collected and tested during this past time period
- 1 customer was ordered by court to close (01/01/19) until they can show they have control of their FOG releases. Still closed as of May 1st, 2019
- 1 customer was cited by pre-treatment coordinator for violation of FOG ordinance. Issues resolved and customer now discharging within standards.

Ways that the city is promoting sustainable practices (section III.E.1.III)

- Recycle cooking event took in 110 gallons of cooking oil.
- The collection event had a great turnout with 190 vehicles/families dropping off pumpkins compared to 100 in 2017. This is the 5th year Elmhurst has hosted the Pumpkin Composting Event at the public works garage held in cooperation with SCARCE, an organization dedicated to inspiring people to care for the Earth in DuPage County. Numerous committee meetings on Public I & I with a change to ordinance. Elmhurst collected the most pumpkins since this event started, collecting 4.77 tons compared to 2.46 in 2017.
- Pre-treatment inspection program being developed under NPDES permit
- At least 1 article on sustainability in each quarter that front porch was published
- 72 rain barrels were sold this year as part of conservation and sustainability goals

All other action items closed out prior to June 15th, 2018.