SILVER LAKE COMMISSION

January 8, 2020
5:30 PM at Dover City Hall
Caucus Room

AGENDA

1. Welcome/Call to order
2. Approval of September 2019 meeting minutes
3. Silver Lake Park Closure in December
4. Public Works Updates
5. Parks Projects and Maintenance Crew Updates
6. Spring Clean Up Event (Canoe & Kayak activity)
7. New Business
8. 2020 Meeting Dates
9. Adjournment

Silver Lake Commission
September 11, 2019
5:30 PM, Conference Room
Dover City Hall

**** DRAFT ****

Members Present	Others In Attendance
Trisha Arndt	Carolyn Courtney, Parks & Recreation Staff
Zach Carter	Sharon Duca, Public Works Director
Kirby Hudson	Salvatore Musemici, Dover Police
Marie Kozel	

WELCOME & CALL TO ORDER: 5:30 P M

INTRODUCTIONS
The chair noted we have new people and started off with introductions.

AGENDA
The chair presented the agenda for acceptance. The motion was made and seconded for approval. The agenda passed without objection.

APPROVAL OF JUNE 2019 MINUTES
The chair presented the minutes. Mr. Carter motioned to accept with a second from Ms. Kozel the minutes was then passed without objection.

PUBLIC WORKS UPDATE
Ms. Duca reviewed her update. Please the complete report attached.

Park Maintenance Items were reviewed.

1. 2Maintenance of areas along the river's edge from Silver Lake Dam to Loockerman Street. Brief overview of state recommendations and how we are developing a Comprehensive Vegetation Management Plan. Some discussion took place on the Mirror Lake wetland area with identified species being flagged that we are keeping. This area will be on a regular maintenance schedule to prevent overgrowth. Our plan will be a careful matchup to DNREC's recommendations. This will be a continued work in progress.
2. Fertilize, lime, and otherwise amend turf areas are a constant project review.
3. Annual Dam Inspection report is included with the update. Overall the dam is in good shape. They have made some recommendations for non-emergency remedial repairs. These recommendations have been forwarded onto the respective departments for repair and continued maintenance. The dam inspection will be held annual each spring.

These are all areas we will continue to follow and due regular maintenance.

Capital Improvements Projects

1. Install French Drains or similar to keep water and debris from flowing across the concrete pathway. I just wanted to document for the record how we addressed the sidewalk with drainage issues. That sidewalk was completed in June of 2019. This project is now complete.
2. Investigate drainage issue near Division Street on the city property. Included are some maps in case there are additional area that need to be identified. The first area in yellow was brought to our attention by the adjacent property owner. With video inspection of the storm sewer, found that area its self may have a natural spring in this whole. Even with it being dry the last few weeks, its still full of water in this area. Mr. Carter reported this is something new and Ms. Kozel concurred. Mrs. Duca noted we found this whole was being filled in by past staff (either grounds or staff). Because of this being a spring or concern that is it a spring, we have contacted DRNEC for consult. Possibly looking at a French drain for this location. They will get confirmation on the man whole near by and exactly what is in the area.

Silver Lake Draw Down
Annual draw down is set for Oct. 7 – 18, 2019.

The chair asked about a fall clean up during this time frame. Ms. Courtney noted lakeside resident Mrs. Stephenson has called about helping with her family if we are doing clean up event. As well, she noted a lot of vegetation overgrowth on her property that is from city plantings. We are working to see what the city can do responsibly.

Mrs. Arndt noted we can do but with past attendance do we really want to do this event? Brief discussion. With attendance not being great, the park looks pretty good. this is a possibly a missed opportunity to have that public outreach the park, but that is the only downside.

MAYOR'S KAYAK/CANOE/PADDLES, SNEAKERS AND TREASURES!

Mrs. Arndt noted it was a great event. The parking lot was full. A lot of people there. We didn't have enough life jackets for the boats, which was a sign we had a lot of people. The turkey burgers were good, the activities were good. Mrs. Courtney noted this year's event was partnered with NCALL's Open Streets Event. Their healthy lifestyles theme was well received for this event. The tree walk was good, however we wished more had taken the guided walks. Mike Lewis of this committee volunteered for the walks. We had printed brochures and labels on various trees to help. Many positive comments were received about the whole event. Out of this event, it may be something to think about – adding tree plaque to educate folks on the various trees though out the park.

Mr. Jones wanted to go back to item 2 on the Public Works Update. I do have soil sample results back and I'll will sent them to Mrs. Duca. He is reporting there is an old pipe that is there, DelDOT has video of it. And a lot of old septic systems were never removed with clay pipes so this may be making the sink holes. The pipe was along the hedgerow of the first house. I'll see if I can find the old video. This video was probably done around 2000, maybe 2001 or 02. They sent me a copy. They accessed the pipe from the street. So, you are saying along the property line there should be an access point? Mr. Jones, yes. And reported the city had two copies of the video. The city manager and public works received video copies. Mr. Jones will find the video and supply.

Ms. Kozel motioned to postpone the fall clean up until spring, Mr. Hudson seconded. All were in favor and the motion passed.

NEW BUSINESS

Mr. Hudson reported on the ORPT grant request for Silver Lake Park. The park improvements include an outdoor volleyball court area, the addition of playground equipment and adding topsoil and grass seed to the sand area for improved kayak/canoe laughing experiences. With brief discussion, the commission was in full support of these improvements for the park. Mr. Carter motioned to have the chair draft a let of support for the projects, it was seconded by Ms. Kozel and passed without objection. Mrs. Arndt will prepare a letter of support to accompany the ORPT grant application for the proposed projects. Please be aware of mowing the grass area, in that we do not send clippings into lake.

Incident Report from Dover Police Department

Officer Musemici reviewed statistics (attached). Main complaints are drug, theft complaints. We did have a homeless guy in the early summer that had an almost permanent structure built around his tent. We did arrest him and eventually the structure was taken down. Discussion on the report. Cameras, they are still working on infrastructure into the park. It's going to happen, just not sure when. Most of the calls on are on the Washington Street side. Following discussion, Officer Musemici was thanked for coming and sharing this information.

NEXT MEETING DATE

December 11

ADJOURNMENT

With no further business, the meeting adjourned at 6:10 PM.

MEMORANDUM

Department of Public Works
P.O. Box 475
Dover, Delaware 19903
Phone: (302) 736-7025
Fax: (302) 736-4217
E-mail: sduca@dover.de.us

TO: Tricia Arndt, Silver Lake Commission Chairman

CC: Donna S. Mitchell, CPA, City Manager
Matthew C. Harline, Assistant City Manager
Kirby Hudson, Parks & Recreation Director
Jason A. Lyon, P.E., Water / Wastewater Manager
Robin Eaton, Public Works Operations Manager
Roger Ridgeway, Jr., Grounds Field Supervisor II
Joshua Barth, Environmental Scientist

FROM: Sharon J. Duca, P.E., Public Works Director

DATE: September 11, 2019

SUBJECT: **DEPARTMENT OF PUBLIC WORKS (DPW) UPDATE TO THE SILVER LAKE COMMISSION (SLC)**

The following information provides an update on activities performed by the Department of Public Works.

PARK MAINTENANCE ITEMS

Below please find an update on the status of park maintenance related items.

1. **Maintenance of areas along the river's edge from the Silver Lake Dam to Loockerman Street.**

   DPW staff have received and reviewed documents from DNREC regarding the design and recommended maintenance of areas along the river's edge from the Silver Lake Dam to Loockerman Street. In response, the DPW Environmental Scientist has started developing a Comprehensive Vegetation Management Plane to provide a comprehensive management strategy for City owned areas within the subject area as well as from the North State Street bridge to the Silver Lake Dam. The Plan includes delineated planting zones and/or plant species in addition to any technical maintenance recommendations or requirements. It is intended that this plan will streamline the maintenance process for City staff by providing a standard operating procedure for each listed area which will allow for annual maintenance to be planned and executed. Overall, it is the intent of the document to ensure that species intentionally planted in the area remain while invasives are controlled.

2. **Fertilize, lime or otherwise appropriately amend turf areas for healthy grass.**

   The DPW Grounds Division is evaluating in house opportunities to address this concern.

3. **FY 2019 Silver Lake Dam Annual Inspection**

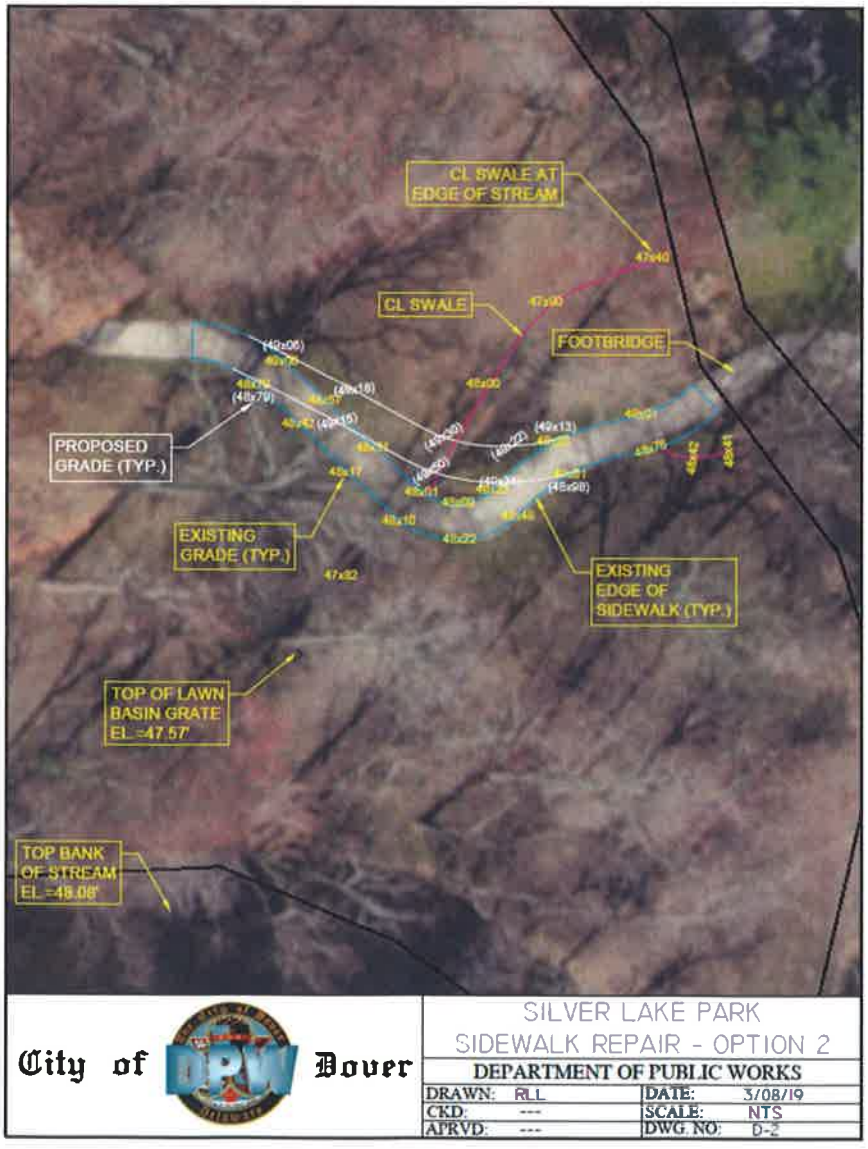
   The FY 2019 Silver Lake Dam annual inspection was performed by Johnson, Mirmiran & Thompson for the DPW and issued on June 28, 2019. The Executive Summary from the Inspection Report is attached to this memorandum for reference purposes. Overall, the dam is considered to be in good condition. Non-emergency remedial actions were recommended as part of the Inspection Report. Operational maintenance activities, such as weed and trash removal, have been assigned to the DPW Grounds

Division to be addressed. Certain activities, such as preventing erosion along the wing walls, have been assigned to the DPW Engineering Division for analysis and recommended action. The DPW Engineering Division has also been assigned activities such as repairing cracks and spalled concrete in order to develop a budgetary capital projects. Repair of the Fish Ladder, Outlet Works hardware and Boat Dock have also been assigned to the DPW Grounds Division to work with a contractor to make the necessary repairs. These repairs are to be performed over the next two (2) years. The next inspection of the Silver Lake Dam is planned for Spring 2020.

CAPITAL IMPROVEMENTS PROJECTS

1. **Install French drains or similar to keep water and debris from flowing across concrete pathway.**

   As discussed at the SLC meeting of June 26, 2019, this project was completed on June 17, 2019 through the removal and replacement of the existing sidewalk in the configuration show below. The new sidewalk was installed at a higher elevation, producing a crown in the grade that will allow the water to drain to the north and the south, thus reducing the ponding on the sidewalk.



2. Investigate drainage issue near Division Street.

It was reported at the June 26, 2019 SLC meeting that there is a drainage issue on the Kings Highway side of Silver Lake Park near Division Street. There was a manhole covered with water throughout the winter and drainage concerns were worse during the Aldi's shopping center construction. Additional concerns were also reported by the caretaker of the adjacent property.

A sinkhole / wet area was identified, as shown below, and the adjacent storm drain pipe was video inspected. No evidence of damage to the pipe was identified. Further investigation of the sinkhole was performed and there is concern that this area may contain an underground spring. Further investigation and resolution will be coordinated with DNREC.





2019 Silver Lake Drawdown

The annual drawdown of Silver Lake has been scheduled to occur from October 7 – 18, 2019. Drawdown notice was sent to Lakeside Residents, Property Owners and 2019 Licensed Boaters by the SLC through the Parks & Recreation Department on August 9, 2019. DPW staff will open the valve on October 7, 2019 and close it on October 18, 2019 or when a drawdown depth of two feet (2') is reached.

1.0 EXECUTIVE SUMMARY

Originally constructed in 1944, the Silver Lake Dam is an earthen embankment type dam with a concrete spillway located near its center. In order to drain the reservoir in emergency situations, a riser structure with a sluice gate and 24-inch pipe that outlets through the downstream face of the concrete spillways is located towards the western side of the concrete spillway. The base flow is controlled by a concrete chute that is located on the western side of the emergency spillway. Due to the failure implications and state guidelines, the Silver Lake Dam is classified as a high hazard dam. Failure of this dam has the high probability to cause loss of human life in addition to other consequences. As such, the City has requested JMT to perform an inspection of the dam and report our findings herein.

JMT performed both above water and underwater inspections of the Silver Lake Dam on May 28, 2019 to assess the functionality of the dam and identify deficiencies and the need for remedial repairs. Our underwater inspections included the concrete spillway and the drop-inlet outlet works while visual observations of the above water components included the earth embankment, concrete spillway and wing walls, pedestrian walkway, drop-inlet outlet works, and the exit channel. Observations of the dam's condition and recommendations made herein are intended to assist the City of Dover in programming the dam repairs in order to maintain safe operations of the dam. The following is a summary of our observations and recommendations:

- **Upstream Slope of Earthen Dam**
    - The upstream slopes generally appear to be in good condition.
    - All weeds noted within the rip rap should be controlled with herbicide and/or removed.
    - Trash and floating debris on the east side of the left embankment should be removed.
    - The depression in the crest noted to have standing water at the east end of the left embankment should be monitored to determine if it is still holding water during better weather and filled in and seeded.
    - Further erosion along the top of each of all wing walls of the concrete spillway should be mitigated by preventing concentrated flow adjacent to the wing wall or by placement of rip-rap.
- **Downstream Slope of Earthen Dam**
    - The downstream slopes generally appear to be in good condition.
    - The bare spots on either side of the spillway should be covered with new grass.
    - It was unknown if the bare spot at the base of the right wing wall was due to erosion. The area should be remediated with rip rap.
- **Concrete Spillway**
    - Although the concrete spillway could not be directly observed because water has overtopped the crest, however, since the water was non turbulent the spillway could be partially observed through the water, and generally appeared to be in good condition.
    - A small tree is growing near the bottom of exit channel and should be removed.
    - Though some repairs to the left and right wing walls were made, several spalls and delaminated areas were noted along the left wing wall and should be repaired. Effervescence exposed aggregate and a moderate sized rust spot were noted on the downstream end of the right wing wall and should be repaired.

- All noted spalled concrete, delamination's and cracks in the left wing wall should be repaired.
- Though not an immediate concern, full depth core, petrographic testing and a test pit behind the wing wall is highly recommended for the rust stain and water leakage at the noted crack/spall on the right-wing wall, as it appears to be getting worse.

- **Pedestrian Walkway**
  - Although cracks and efflorescence were noted at many of the piers and underneath the walkway, the crack noted underneath the walkway at Pier 4 and spall on Pier 6 should be remediated as soon as possible.
- **Drop-Inlet Outlet Works**
  - Timber structure's galvanized hardware is in poor condition with up to 20% section loss and should be replaced.
  - The sluice gate should be operated to determine if any repairs need to be performed.
- **Exit Channel**
  - Vegetate bare spots and remove weeds from rip rap.
- **Boat Dock**
  - Remove the existing 2x decking and rub rail and replace with new lumber and stainless-steel fasteners.

This report contains observations and recommendations in accordance with dam safety regulations and standard inspection techniques for such facilities. Overall, results indicate that the dam is considered in good condition without the need for immediate remedial actions. However, JMT has identified a number of non-emergency remedial actions that we recommend become prioritized and programmed for action over the next two years. These remedial actions are included in Section 4 of this report.

Silver Lake Park East
Jan-Sept 2019

Incident Number	Call Date/Time	Dispositions	Location	Incident Type	
2019-00028258	9/5/2019 5:47	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
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2019-00027698	8/30/2019 20:47	Service Rendered - 1	301 LEWIS MILL DR, Dover	Public Asst	
2019-00027592	8/30/2019 6:10	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
2019-00027236	8/27/2019 5:48	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
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2019-00026328	8/19/2019 6:20	Service Rendered - 1	301 LEWIS MILL DR, Dover	Public Asst	
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2019-00025544	8/12/2019 20:23	Service Rendered - 1	301 LEWIS MILL DR, Dover	Public Asst	
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Silver Lake Park East
Jan-Sept 2019

2019-00018639	6/16/2019 6:08	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
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Silver Lake Park East
Jan-Sept 2019

2019-00012082	4/21/2019 20:19	NPR - 1	301 LEWIS MILL DR, Dover	Property Check	
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2019-00007678	3/15/2019 22:24	NPR - 1	301 LEWIS MILL DR, Dover	Suspicious Event	

Silver Lake Park East
Jan-Sept 2019

2019-00007541	3/14/2019 21:37	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
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2019-00004401	2/13/2019 6:00	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
2019-00004222	2/11/2019 0:47	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
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2019-00003571	2/5/2019 6:07	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
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2019-00001792	1/18/2019 0:58	Service Rendered - 1	301 LEWIS MILL DR, Dover	Property Check	
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Silver Lake Park West
Jan-Sept 2019

Incident Number	Call Date/Time	Dispositions	Location	Incident Type
2019-00028905	9/10/2019 8:00	GOA - 1	300 WASHINGTON ST, Dover	Suspicious Event
2019-00028651	9/8/2019 6:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00028601	9/7/2019 20:20	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00028537	9/7/2019 5:59	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00028375	9/6/2019 6:20	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00028259	9/5/2019 5:47	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00028182	9/4/2019 12:46	PR - 1	300 WASHINGTON ST, Dover	Theft
2019-00028135	9/4/2019 7:17	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00028100	9/3/2019 20:45	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00027939	9/2/2019 8:16	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027917	9/1/2019 21:13	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027756	8/31/2019 9:07	Service Rendered - 1	300 WASHINGTON ST, Dover	Community Outreach
2019-00027738	8/31/2019 5:48	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027697	8/30/2019 20:46	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00027591	8/30/2019 6:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027564	8/29/2019 21:43	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027478	8/29/2019 6:30	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027466	8/28/2019 21:58	42 - 1	300 WASHINGTON ST, Dover	Stop
2019-00027424	8/28/2019 13:49	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027234	8/27/2019 5:47	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00027149	8/26/2019 11:43	NPR - 1	300 WASHINGTON ST, Dover	Property Found
2019-00027095	8/26/2019 6:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00026947	8/24/2019 6:27	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00026826	8/23/2019 6:30	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00026788	8/22/2019 20:30	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00026636	8/21/2019 20:42	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00026417	8/19/2019 20:11	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00026327	8/19/2019 6:20	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00026287	8/18/2019 20:13	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00026225	8/18/2019 5:47	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00026179	8/17/2019 20:32	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00026115	8/17/2019 5:51	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst

Silver Lake Park West
Jan-Sept 2019

2019-00026079	8/16/2019 20:22	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00025730	8/14/2019 6:25	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00025696	8/13/2019 20:57	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00025598	8/13/2019 5:48	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00025541	8/12/2019 20:23	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00025341	8/10/2019 21:14	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00025283	8/10/2019 6:44	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00025164	8/9/2019 6:41	NPR - 1	300 WASHINGTON ST, Dover	Property Check
2019-00024838	8/6/2019 16:25	PR - 1	300 WASHINGTON ST, Dover	Domestic
2019-00024809	8/6/2019 11:00	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00024543	8/3/2019 16:48	NPR - 1	300 WASHINGTON ST, Dover	Welfare Check
2019-00024402	8/2/2019 12:41	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00024315	8/1/2019 22:33	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00024194	7/31/2019 20:49	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00023829	7/29/2019 6:24	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00023811	7/28/2019 21:18	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00023650	7/27/2019 6:02	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00023612	7/26/2019 21:41	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00023611	7/26/2019 21:34	42 - 1	300 WASHINGTON ST, Dover	Suspicious Event
2019-00023521	7/26/2019 5:52	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00022627	7/18/2019 20:33	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00021993	7/13/2019 6:18	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00021586	7/9/2019 21:15	42 - 1	300 WASHINGTON ST, Dover	Stop
2019-00021454	7/8/2019 21:59	42 - 1	300 WASHINGTON ST, Dover	Stop
2019-00021367	7/8/2019 6:07	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00021286	7/7/2019 5:49	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00021214	7/6/2019 10:53	NPR - 1	300 WASHINGTON ST, Dover	Ordinance Violation
2019-00021206	7/6/2019 5:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00020962	7/4/2019 6:02	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00020519	7/1/2019 5:54	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00020497	6/30/2019 22:10	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00020428	6/30/2019 5:58	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00020332	6/29/2019 6:14	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00020105	6/27/2019 11:57	PR - 1	300 WASHINGTON ST, Dover	Assist Other Agency

Silver Lake Park West
Jan-Sept 2019

2019-00020096	6/27/2019 11:11	NPR - 1	300 WASHINGTON ST, Dover	DOVER K9
2019-00019866	6/25/2019 14:24	Service Rendered - 1	300 WASHINGTON ST, Dover	Trespass
2019-00019535	6/23/2019 6:41	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00019384	6/22/2019 5:53	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00019204	6/20/2019 20:51	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00019157	6/20/2019 13:58	Service Rendered - 1, PR - 1	300 WASHINGTON ST, Dover	Trespass
2019-00019119	6/20/2019 6:36	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00018638	6/16/2019 6:07	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00018605	6/15/2019 22:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00017799	6/9/2019 5:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00017758	6/8/2019 21:13	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00017706	6/8/2019 12:05	NPR - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00017529	6/7/2019 6:07	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00017249	6/5/2019 22:15	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00017044	6/4/2019 14:45	NPR - 1	300 WASHINGTON ST, Dover	Trespass
2019-00016777	6/2/2019 21:57	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00016699	6/2/2019 6:51	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00016656	6/1/2019 21:02	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00016588	6/1/2019 5:53	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00016537	5/31/2019 20:41	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00016179	5/29/2019 6:19	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00016151	5/28/2019 21:43	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00016008	5/27/2019 20:48	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00015945	5/27/2019 6:01	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00015861	5/26/2019 6:27	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00015813	5/25/2019 20:45	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00015745	5/25/2019 5:59	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00015725	5/24/2019 23:07	NPR - 1	300 WASHINGTON ST, Dover	Property Check
2019-00015623	5/24/2019 6:17	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00015382	5/22/2019 0:51	NPR - 1	300 WASHINGTON ST, Dover	Weapon Other
2019-00015247	5/21/2019 6:33	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00015218	5/20/2019 20:53	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00015110	5/20/2019 6:02	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00015093	5/19/2019 21:26	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst

Silver Lake Park West
Jan-Sept 2019

2019-00015051	5/19/2019 6:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00015024	5/18/2019 20:50	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00015006	5/18/2019 15:27	NPR - 1	300 WASHINGTON ST, Dover	Animal Complaint
2019-00014970	5/18/2019 6:05	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00014835	5/17/2019 6:12	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00014713	5/16/2019 5:49	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00014680	5/15/2019 18:21	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00014679	5/15/2019 18:16	PR - 1	300 WASHINGTON ST, Dover	Resisting Arrest
2019-00014601	5/15/2019 5:52	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00014585	5/14/2019 22:02	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00014494	5/14/2019 6:10	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00014126	5/10/2019 5:57	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00014106	5/9/2019 22:50	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013993	5/9/2019 5:59	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013971	5/8/2019 21:24	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013653	5/6/2019 5:49	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013635	5/5/2019 21:05	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013536	5/4/2019 20:22	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013474	5/4/2019 6:21	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013443	5/3/2019 22:42	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013214	5/1/2019 20:36	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00013110	4/30/2019 20:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012902	4/29/2019 5:55	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012881	4/28/2019 20:42	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00012781	4/27/2019 20:30	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012739	4/27/2019 12:08	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012689	4/26/2019 21:05	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00012597	4/26/2019 6:20	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00012561	4/25/2019 20:47	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012478	4/25/2019 6:32	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012437	4/24/2019 21:01	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00012351	4/24/2019 6:15	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012333	4/23/2019 21:36	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00012313	4/23/2019 16:22	NPR - 1	300 WASHINGTON ST, Dover	Drug

Silver Lake Park West
Jan-Sept 2019

2019-00011952	4/20/2019 6:48	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011914	4/19/2019 19:54	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00011848	4/19/2019 7:29	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011722	4/18/2019 6:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011690	4/17/2019 18:46	GOA - 1	300 WASHINGTON ST, Dover	Traffic Haz/Serv
2019-00011591	4/16/2019 20:29	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011565	4/16/2019 14:45	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011489	4/16/2019 6:23	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011377	4/15/2019 6:36	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011287	4/14/2019 5:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011186	4/13/2019 5:55	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011054	4/12/2019 5:57	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00011026	4/11/2019 20:01	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010937	4/11/2019 6:15	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010907	4/10/2019 20:24	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010904	4/10/2019 20:02	NPR - 1	300 WASHINGTON ST, Dover	Warrant Service
2019-00010823	4/10/2019 6:21	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010797	4/9/2019 23:05	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010671	4/9/2019 5:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010457	4/7/2019 20:43	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010387	4/7/2019 5:52	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010372	4/7/2019 1:52	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010261	4/6/2019 6:18	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010221	4/5/2019 21:06	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00010009	4/4/2019 6:22	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00009877	4/3/2019 6:01	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00009858	4/2/2019 21:11	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00009734	4/2/2019 5:54	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00009584	3/31/2019 21:00	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00009535	3/31/2019 5:49	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00009495	3/30/2019 19:28	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00009492	3/30/2019 17:48	GOA - 1	300 WASHINGTON ST, Dover	Drug
2019-00009441	3/30/2019 6:01	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00009397	3/29/2019 21:06	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check

Silver Lake Park West
Jan-Sept 2019

2019-00009393	3/29/2019 20:46	42 - 1	300 WASHINGTON ST, Dover	Stop
2019-00009300	3/29/2019 5:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00009142	3/27/2019 20:23	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00009029	3/26/2019 22:08	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00008929	3/26/2019 6:28	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00008895	3/25/2019 19:51	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00008809	3/25/2019 5:52	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00008777	3/24/2019 21:50	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008680	3/24/2019 5:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008661	3/24/2019 0:36	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00008508	3/22/2019 20:16	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008404	3/22/2019 6:14	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008353	3/21/2019 20:14	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008314	3/21/2019 10:57	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008284	3/21/2019 7:51	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008270	3/21/2019 5:52	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008193	3/20/2019 14:55	NPR - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008178	3/20/2019 12:48	NPR - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008171	3/20/2019 12:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00008139	3/20/2019 5:59	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00007872	3/17/2019 20:10	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007720	3/16/2019 5:57	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007661	3/15/2019 20:40	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00007634	3/15/2019 16:11	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007542	3/14/2019 21:37	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007424	3/14/2019 5:59	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007412	3/13/2019 23:34	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007111	3/11/2019 11:09	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007069	3/10/2019 21:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00007014	3/10/2019 5:57	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00006987	3/9/2019 20:10	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00006927	3/9/2019 6:20	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00006898	3/8/2019 23:12	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00006815	3/8/2019 11:51	42 - 1	300 WASHINGTON ST, Dover	Stop

Silver Lake Park West
Jan-Sept 2019

2019-00006782	3/8/2019 7:22	NPR - 1	300 WASHINGTON ST, Dover	Property Found
2019-00006530	3/5/2019 22:21	NPR - 1	300 WASHINGTON ST, Dover	Property Check
2019-00006413	3/5/2019 6:20	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00005588	2/24/2019 21:15	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00005418	2/22/2019 22:18	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00005182	2/20/2019 3:34	NPR - 1	300 WASHINGTON ST, Dover	Suspicious Event
2019-00004905	2/17/2019 11:23	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004902	2/17/2019 10:41	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004857	2/16/2019 16:06	Service Rendered - 1	300 WASHINGTON ST, Dover	Follow Up
2019-00004824	2/16/2019 10:29	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004580	2/14/2019 14:11	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004537	2/14/2019 5:58	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004400	2/13/2019 5:59	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004221	2/11/2019 0:47	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004188	2/10/2019 17:01	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004152	2/10/2019 5:56	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00004071	2/9/2019 6:03	Service Rendered - 1	300 WASHINGTON ST, Dover	Public Asst
2019-00004033	2/8/2019 20:47	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00003570	2/5/2019 6:07	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00003534	2/4/2019 19:48	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00001791	1/18/2019 0:58	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00001693	1/17/2019 6:02	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00001596	1/16/2019 10:14	PR - 1	300 WASHINGTON ST, Dover	Resisting Arrest
2019-00001413	1/14/2019 14:03	Service Rendered - 1	300 WASHINGTON ST, Dover	Traffic Haz/Serv
2019-00001371	1/14/2019 6:16	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00001359	1/13/2019 23:27	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00001203	1/11/2019 20:01	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00000852	1/8/2019 21:30	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00000734	1/8/2019 6:00	Service Rendered - 1	300 WASHINGTON ST, Dover	Property Check
2019-00000193	1/2/2019 23:22	NPR - 1	300 WASHINGTON ST, Dover	Suspicious Event

Department of Public Works

MEMORANDUM

DATE: January 8, 2020

TO: Matt Harline, Assistant City Manager, City of Dover
Silver Lake Commission

FROM: Diana T. Golt, P.E., Public Works Director dtg

RE: KENT COUNTY FORCE MAIN BREAK/ SANITARY SEWER OVERFLOW (SSO) – DECEMBER 19, 2019 AT SILVER LAKE PARK (DOVER, DE)

Description of Events:
A slip lining project of the County's 24" force main in the median of US13 from Garden Lane to Denney's Road was initiated to rehabilitate a section of the force main pipe with a history of pipe failure. The slip lining of the pipe was successfully completed. At approximately 10:30 AM on December 19, 2019, County staff along with the contractors working on the US13 force main slip lining project (Garden Lane to Denneys Road) reintroduced of flow back into the rehabilitated line. At noon, County staff observed increased flow at the downstream Pump Station on E. Water Street (PS#3). At approximately 1:00 PM, County staff was notified by City of Dover of a sewer leak in Silver Lake Park in the vicinity of Kings Highway. The location is upstream of Pump Station #3 (150 E. Water Street, Dover) and downstream from the completed project.

County staff responded and diverted flows back to the bypass line going to City of Dover's Pump Station #7 (COD PS#7) as was done during the slip lining project. Although flow from the pump station was diverted by 1:30 PM, the leak did not fully stop until 4:30 PM as the wastewater in the pipe continued to flow past the break. *The overflow went to the St. Jones River downstream of Silver Lake. It did not enter Silver Lake itself.*

The spill from the broken pipe was subsequently stopped due to the diversion of wastewater flows. The initial spill estimate was 50,000 gallons. After further review, the full pipe flow through the force main during this time frame is estimated to be 337,500 gallons. The sanitary sewer overflow (SSO) estimate is revised based on a 25% of the flow to 84,400 gallons.

Corrective Actions:
County staff cleaned and spread lime in the area of the spill to disinfect and neutralize any harmful contaminants. Caution tape was placed around the area of concern. DNREC was notified of the sanitary sewer overflow (SSO) by phone within 24 hours and sent a required notification letter within 5 days.

Sampling & Pipe Investigation:
Sampling of the tidal stream was initiated in the park and at 4 downstream locations. The results of the enterococcus testing indicated that all water locations returned to background levels by December 23, 2019. Soil samples were also collected from 2 locations outside the affected area to establish background levels of fecal coliform and salmonella. Four sample locations were established within the affected area for continued sampling. Salmonella was not detected in any of the soil samples. Based on soil testing, additional lime was re-applied. As of December 31st, fecal coliform remains above 1000 #/g TS dry in one location which is a depression. Results take 4 to 5 days to receive and latest results are pending. Kent County will continue to monitor soils and provide updates City of Dover officials and DNREC representatives.

The investigation into the cause of the pipe failure is underway. Preliminary investigation indicates failure due to pipe condition. Once the extent of the damage is assessed, the intended path and next steps will be determined. If you have any questions, please feel free to contact me at 744-2430.

MEMORANDUM

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TO: Tricia Arndt, Silver Lake Commission Chairman

CC: Donna S. Mitchell, CPA, City Manager
Matthew C. Harline, Assistant City Manager
Kirby Hudson, Parks & Recreation Director
Jason A. Lyon, P.E., Water / Wastewater Manager
Robin Eaton, Public Works Operations Manager
Roger Ridgeway, Jr., Grounds Field Supervisor II
Joshua Barth, Environmental Scientist

FROM: Sharon J. Duca, P.E., Public Works Director

DATE: January 8, 2020

SUBJECT: **DEPARTMENT OF PUBLIC WORKS (DPW) UPDATE TO THE SILVER LAKE COMMISSION (SLC)**

The following information provides an update on activities performed by the Department of Public Works.

PARK MAINTENANCE ITEMS

Below please find an update on the status of park maintenance related items.

1. **Maintenance of areas along the river's edge from the Silver Lake Dam to Loockerman Street.**

   The Comprehensive Vegetation Management Plan, which provides a comprehensive management strategy for City owned areas along the river's edge from the North State Street bridge to the Silver Lake Dam to Loockerman Street, has been completed by the DPW Environmental Scientist. The Plan includes delineated planting zones and/or plant species in addition to any technical maintenance recommendations or requirements. Overall, it is the intent of the document to ensure that species intentionally planted in the area remain while invasives are controlled. This Plan is now part of the annual maintenance plan for the DPW Grounds Division and can be found on the City's website under Public Works / Stormwater Program. DPW staff is planning to expand upon the plan by looking into alternative landscaping and maintenance opportunities for the North State Street bridge area.

2. **Fertilize, lime or otherwise appropriately amend turf areas for healthy grass.**

   The DPW Grounds Division is evaluating in house opportunities to address this concern.

3. **FY 2019 Silver Lake Dam Annual Inspection**

   As noted previously, non-emergency remedial actions were recommended as part of the FY 2019 Silver Lake Dam annual inspection. Operational maintenance activities, such as weed and trash removal, have been completed by the DPW Grounds Division. To ensure these items are addressed on a regular basis, an annualized checklist will be utilized. Some of these items will be addressed during the annual drawdown of the lake for maximum coverage. Other activities, such as preventing erosion along the wing walls, have been analyzed by the DPW Engineering Division. These activities have either been

assigned to DPW staff for completion or budgetary requests have been made for contractor utilization. FY 2021 budgetary requests have also been made for activities such as repairing cracks and spalled concrete. Identified repairs from the FY 2019 Annual Inspection are to be performed over the next two (2) years. The next inspection of the Silver Lake Dam is planned for Spring 2020.

CAPITAL IMPROVEMENTS PROJECTS

1. **Investigate drainage issue near Division Street.**

   It was reported at the June 26, 2019 SLC meeting that there is a drainage issue on the Kings Highway side of Silver Lake Park near Division Street. There was a manhole covered with water throughout the winter and drainage concerns were worse during the Aldi's shopping center construction. Additional concerns were also reported by the caretaker of the adjacent property.

   A sinkhole / wet area was identified, as shown below, and the adjacent storm drain pipe was video inspected. No evidence of damage to the pipe was identified. Further investigation of the sinkhole was performed and there is concern that this area may contain an underground spring.

   Based upon discussions from the last meeting, DPW staff went back to the site to look for a manhole in close proximity to the sinkhole found previously. Manholes in the area are located closer to Division Street and Kings Highway. As such it is requested that DPW staff and the SLC coordinate further to ascertain the specific area of concern. Pending the results of this meeting DPW staff will investigate the area of concern as well as coordinate with DNREC on the appropriate manner to address the previously identified sinkhole.





SILVER LAKE DRAWDOWN

The annual drawdown of Silver Lake occurred from October 7 – 18, 2019. The valve was opened as planned on October 7th and closed on October 18th. An overall drawdown depth was recorded at one foot eleven inches (1'-11"). It is recommended that the next drawdown occur from October 12 – 23, 2020 with drawdown notice to be sent to Lakeside Residents, Property Owners and 2020 Licensed Boaters by the SLC through the Parks & Recreation Department by August 14, 2020. DPW staff would then open the valve on October 12, 2020 and close it on October 23, 2020 or when a drawdown depth of two feet (2') is reached.