

CITY OF BALTIMORE

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DEPARTMENT OF PUBLIC WORKS

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October 24, 2014

VIA OVERNIGHT MAIL

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Reference DOJ Case No. 90-5-1-1-4402/1

Reference DOJ Case No. 90-5-1-1-4402/1

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**RE: United States, et al. v. Mayor and City Council of Baltimore
Civil Action No. JFM-02-1524
Calendar Quarterly Report No. 48
For Calendar Quarter Ending September 30, 2014**

Ladies and Gentlemen:

In the above referenced Consent Decree, the City of Baltimore agreed to submit a Calendar Quarterly Progress Report covering activities required by the Consent Decree. Included herewith is Calendar Quarterly Report No. 48, for the Calendar Quarter ending September 30, 2014.

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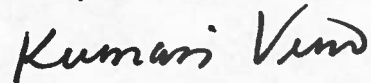


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October 24, 2014
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We trust that you will agree that the City of Baltimore is in compliance with this requirement of the Consent Decree. Please notify us if you have any questions related to this item.

Sincerely,



Kumasi Vines, Acting Bureau Head
Water & Wastewater

Enclosures

KV/ajd

cc: Rudolph S. Chow, P.E.
Mr. George Nilson
Thomas Ligan, Esquire
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File

City of Baltimore Sanitary Sewer Overflow Consent Decree

Civil Action No. JFM-02-1524

Calendar Quarterly Report No. 48
For Calendar Quarter ending September 30, 2014

*Submitted:
October 30, 2014*

*Submitted To:
United States Environmental Protection Agency
United States Department of Justice
Maryland Department of the Environment*

*Prepared By:
City of Baltimore
Department of Public Works,
Bureau of Water and Wastewater*

Statement of Certification

I certify under penalty of law that this information 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 directions and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Kumasi Vines 10/24/14

Kumasi Vines
Acting Bureau Head

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A. INTRODUCTION

This Calendar Quarterly Report is submitted pursuant to the requirements of a Consent Decree entered on September 30, 2002 in the United States District Court for the District of Maryland as part of the response to Civil Action No. JFM-02-1524. This Calendar Quarterly Report is intended to provide an update on the progress of remedial measures required by the Consent Decree and the status of various programs to be implemented.

The requirements for the Calendar Quarterly Report are specified in Paragraph 18 of the Consent Decree, which reads as follows:

“Beginning with the first full calendar quarter after the Date of Entry of the Consent Decree, Baltimore shall submit to EPA and MDE within thirty (30) days after the end of each calendar quarter until termination of this Consent Decree a Calendar Quarterly Progress Report (“Calendar Quarterly Report”) covering the subject of this Consent Decree. This Calendar Quarterly Report shall contain the following:

- i. Progress reports on the implementation of the requirements of Section VII (Remedial Measures) as described in Paragraphs 8 through 15;
- ii. A description of any problems anticipated with respect to meeting the requirements of Section VII (Remedial Measures) of this Consent Decree; and
- iii. A description of all environmentally beneficial projects and SEP implementation activity in accordance with Paragraphs 29-33 of the Consent Decree; and
- iv. Any such additional matters as Baltimore believes should be brought to the attention of EPA and MDE.”

It was noted that Paragraph 18 contained a typographical error. The Remedial Measures described in Paragraphs 8 through 15 comprise Section VI of the Consent Decree, and not Section VII. Accordingly, this Calendar Quarterly Report refers to Paragraphs 8 through 17 of the Consent Decree as Section VI.

B. PROGRESS OF IMPLEMENTATION OF SECTION VI REQUIREMENTS

For reference purposes, this Section B is organized so that the item numbers correspond directly to Paragraphs and subparagraphs in the Consent Decree.

Paragraph 8: Elimination of Sanitary Sewer Overflow and Combined Sewer Overflow Discharges

- A. **General Requirements:** During the calendar quarter ending September 30, 2014, the City of Baltimore was in general compliance with the Clean Water Act and Title 9, Subtitle 3 of the Environment Article, Annotated Code of Maryland. Episodes of non-compliance include un-permitted sanitary sewer overflows (SSOs), as reported during the quarter in accordance with Paragraph 17 of the Consent Decree and as summarized in Appendix 5 herein.
- B. **Construction Projects:** Appendix 1 to this Calendar Quarterly Report provides a status update for each of the construction projects listed in Appendix D of the Consent Decree.

1. Practical Completion

As design and construction progress, concerns and issues have arisen that may impact the schedule for some of the Paragraph 8 projects, are as follows:

Project No. 8: Stony Run Interceptor and Pumping Station: Due to significant public opposition to the proposed pumping station site in Wyman Park, additional pumping station locations were investigated. A new location at the Department of Public Works Solid Waste Site, near the intersection of Sisson Street and 29th Street had been selected and approved by MDE and EPA. To expedite the project, this project was split into 3 phases:

- SC 819 (Phase 1) is an upper portion of Stony Run interceptor and consists of rehabilitation, and partial replacement of pipelines and manholes located north of Wyndhurst Avenue. Practical completion of this project was complete as of October 14, 2006.
- SC 838 (Phase 2) is the middle portion of Stony Run interceptor and consists of rehabilitation and partial replacement of pipelines located between Cold Spring Lane and Wyndhurst Avenue. Practical completion of this project was complete as of March 21, 2007.
- SC 839 and SC 847 (Phase 3) consist of 20 mgd pumping station, force main and gravity sewer. Due to delay in siting the pump station, the City has requested and MDE has approved a 6-month extension for the project advertisement and completion dates. Both SC 839 and SC 847 were advertised on June 16, 2006. For Contract SC 839, the city received only one bid 65% above the engineers estimate. The city rejected this bid and had determined that the compressed construction schedule of one year is the primary reason for the unusually high bid amount and lack of competitive bidding. The

City re-advertised Contract SC 839 on October 27, 2006 and, anticipated that based on bids received in December, contract negotiations will begin. The City sent a letter on October 13, 2006 requesting an additional extension of fourteen (14) months to account for the additional time required for construction due to the increased scope of work. For SC 847 the city had awarded this contract to a successful bidder and the current duration was one year, however the full functionality and operation of the pumping station will depend on the progress of SC 839. Therefore, the City has requested to move the practical completion date for SC 839 and SC 847 from December 31, 2007 to February 28, 2009. A response from MDE was received on February 26, 2007, granting the requested extension. The Practical Completion deadline for both of these projects is now February 28, 2009. The extension letter request for the extension of SC 847 to May 31, 2009 was granted by EPA on June 22, 2009 and MDE on April 15, 2010. Practical Completion was achieved on May 29, 2009, for lower portion of project SC 839RR – Stony Run Interceptor. Conditional acceptance for SC 839RR was achieved on July 21, 2011.

2. SSO Structure Elimination

SSO No. 132 is located at the intersection of Springdale Avenue and Hilton Street. It was proposed to monitor this SSO structure for a twelve-month period ending September 18, 2004. During the calendar quarter ending September 30, 2005, activity was observed at this SSO structure on March 23, and March 28, 2005.

The City of Baltimore eliminated SSO No. 33 & No. 34 on December 10, 2008 and December 23, respectively. The City of Baltimore eliminated SSO No. 136 on January 21, 2009.

SSO No. 132 is located at intersection of Hilton Street & Springdale Ave
SSO No. 134 is located near the intersection of Liberty Heights and Elamont Road. SSO No. 135 is located one block away from SSO No. 134, at the intersection of Liberty Heights and Dennlyn Road.
SSO No. 137 is located near the intersection of Shannon Drive and Brehms Lane.
SSO No. 138 is located at the intersection of Cold Spring Lane & Ayrdale Ave.
SSO No. 139 is located at the intersection of W Garrison Ave and Queensberry Ave.

The City is working on addressing these SSOs. The City has engaged the services of an engineering firm to investigate and evaluate the collection system adjacent to SSO Nos. 132, 134 and 135. The design to eliminate these SSOs is complete and the contract was advertised on February 10, 2012, bids were opened on April 4, 2012, contract was awarded on September 26, 2012, and Notice to Proceed was issued on February 4, 2013. **Due to construction and bypass activity at SSO #132 (site P8_10_132S), SSO #134 (site HL32) and SSO #135 (site P8_10_135S) these meters were removed on 2/20/14, 8/17/13 and 6/13/14 and, respectively. These meters were re-installed on 9/11/14 after construction activities were concluded.**

The City will continue to monitor and evaluate activity at these SSO structures and will continue to keep EPA and MDE advised of progress in future Calendar Quarterly Reports.

Other than the concerns and issues noted here, all Paragraph 8 projects are complete. The milestone dates specified in Appendix D of the Consent Decree have all been met.

- C. Separate Sanitary Sewer Characterization Report:** This requirement has been completed.

D. Elimination of Combined Sewer Overflows:

Walbrook: This project has been completed.

Forest Park: During the calendar quarter ending September 30, 2006, combined sewer overflow (CSO) No. 13P was eliminated and the City reported that the Combined Sewer System has been separated and all CSO structures have been eliminated in the Forest Park neighborhood.

On October 11, 2006, the City sent a letter to MDE/EPA that included a report dated March 2006 entitled "Confirmatory Testing for Final Separation of Combined Sewer System in Forest Park Area". The letter also documented the elimination dates for the CSO structures associated with this area, including 10P, 11P, 13P, 18P, 19P, 21P, and 31P. Lastly, the City requested that post-construction monitoring be waived for these CSO structures since the eliminations were performed.

MDE responded to this letter on December 11, 2006, and approved the waiving of post monitoring for the CSO structures, with the exception of 13P. For this structure 13P, MDE noted that a site inspection was performed by MDE on October 19, 2006 that revealed the discharge of raw sewage. Therefore, MDE disapproved the waiving of the post-monitoring requirements at this location. On January 16, 2007, the City submitted a letter of response that included additional sampling results indicating that the high bacterial levels are due to stagnant pooling water at the outfall in lieu of a sewage discharge. It is therefore believed by the City that post-monitoring can be waived at overflow structure 13P. EPA requested that the City provide additional clarification regarding CSO 13P. Sampling was carried out on February 8, 2012 and a report and laboratory results were sent to EPA on March 21, 2012.

E. Flow and Rainfall Monitoring for Paragraph 8 Construction Projects:

As of September 30, 2014, 3 flow meters are installed as indicated in Table 8-1 specifically for Paragraph 8 Projects.

Table 8-1: Flow Monitor Installations for Paragraph 8 Projects

Consent Decree Project ID No.	ADS Project ID No.	Project	No. of Meters		
			July	August	September
7	4	Lower Jones Falls Interceptor	1	1	1
8	5	Stony Run Interceptor & P.S.	1	1	1
10	7	Greenmount Interceptor	1	1	1

Consent Decree Project ID No.	ADS Project ID No.	Project	No. of Meters		
			July	August	September
Total			3	3	3

A summary of rainfall and flow monitoring data collected during June, July, and August 2014 (the data reported lags by one month due to the 30-day lag time in delivery of the prior month's data), prepared by RJN/ADS Environmental Services is submitted on a compact disk in the inside of the back cover of this Calendar Quarterly Report. The ADS report includes:

- Meter location maps
- Meter site reports
- Rain gauge location maps
- Tabular flow monitoring data
- Tabular rain gauge data
- Depth and velocity scattergraph plots
- Flow and rainfall data in Excel format

All flow meters are ADS Model 4000 flow monitors. Each meter was calibrated by manually measuring depth and velocity to confirm that the flow meters are functioning properly. Multiple measurements were obtained for each flow meter. These measurements are shown on the depth-velocity scattergraphs provided for the flow monitoring sites.

F. Progress Reports:

Progress of work under Paragraph 8 is as reported herein.

Paragraph 9: Collection System Evaluation and Sewershed Plans

- A. The milestone dates for completion of the Sewershed Study and Plan for each of the City's eight sewersheds, as established by Paragraph 9.B of the Consent Decree, recognize that evaluation work will not begin in earnest until several years after the Date of Entry.

Sewershed Study and Plan: The City submitted Jones Falls, the first of the sewershed plans to MDE/EPA and DOJ on December 26, 2008 with an approach plan for prioritizing the capital improvements recommended by the Jones Falls team and the other sewersheds. MDE/EPA submitted comments on the Jones Falls Report in a letter dated June 4, 2009. The City responded within 30 days. The Herring Run sewershed plan was submitted to MDE/EPA and DOJ on June 26, 2009. The Low Level sewershed plan was submitted to MDE/EPA and DOJ on December 22, 2009. The High Level sewershed plan was submitted to MDE/EPA and DOJ on December 21, 2009. The Patapsco, Dundalk, Outfall and Gwynns Falls sewershed plan were submitted to MDE,

EPA and DOJ on June 15, 2010, June 18, 2010, June 25, 2010 and June 28, 2010, respectively. All eight (8) Sewershed Plans/Reports were submitted by the milestone dates established in the Consent Decree.

In the Planning phase the Sewershed teams have completed quality control and the quantities below are provided as final inspection quantities.

- A total of 33,227 manholes were inspected during Paragraph 9 sewershed studies
- A total of 5,994,171 linear feet of sewers were CCTV inspected during Paragraph 9 sewershed studies (~ 94%).

Any remaining assets will be inspected during Paragraph 9 rehabilitation projects.

B. The Sewershed Study and Plan Elements: The Plan Elements in the Consent Decree are to be followed for each sewershed.

C. Collection System Inspections: Please refer to Section A above for a summary of final inspection quantities.

In accordance with Paragraph 8 and 9 of the Consent Decree, many collection system components have been replaced, rehabilitated, and slip-lined. The City submitted to the EPA/MDE, under Paragraph 9 D (vii), a request for wavier of the Paragraph 9.D inspection requirements for these system components. In a letter dated September 04, 2007, MDE approved the request to waive inspection of selected portions of the collection system.

D. Infiltration and Inflow ("I/I") Evaluation: Flow monitoring began on May 09, 2006. As of September 30, 2014, the flow monitoring continues at 9 meter locations throughout the City, including the long term monitoring program.

E. Long-Term Capacity/Peak Flow Management: During the calendar quarter ending September 30, 2014, there was no capacity/flow management analysis activity related to the Sewershed Studies and Plans.

F. Sewershed Study and Plan(s) Approval and Implementation:

Sewershed Study and Plan(s):

All eight (8) Sewershed Plans/Reports have been submitted by the milestone dates established in the Consent Decree.

Approval

The plans have been submitted. The City provided a technical workshop on February 26, 2009, addressed comments sent on June 4, 2009 for Jones Falls and met with MDE and EPA on May 3, 2010 to provide further justification on the use of the 2-year 24 hr design storm. In addition to other items such as an affordability analysis, MDE and EPA also requested that the City consider levels of improvement that would minimize SSOs in sensitive areas. Based on EPA's definition of "sensitive areas" received on June 28,

2010, the City evaluated an approach that includes the sewershed studies recommended improvements and accounts for higher levels of controls for minimizing SSOs in identified sensitive areas. The City received a letter from United States Environmental Protection Agency (EPA) dated February 10, 2011, stating that it has reviewed the Final Sewershed Plans for Jones Falls, Herring Run, and High Level. Based on its review has concluded that after the City implements the proposed improvements (2-year 24-hour design storm) a significant number of overflows will remain during greater storm events, including 5-year and 10-year 24-hour storm events. Therefore, EPA cannot approve these sewershed plans as submitted because the recommended improvements fall short from the goal of the CD in ensuring that Baltimore's sewage collection system does not cause or contribute to SSOs.

EPA's response provides minimal direction on how the City should proceed with revising the plans. Therefore the City met with EPA and MDE on June 02, 2011, to better understand their expectations. During this meeting, the City presented a revised approach utilizing 64 years of historic rainfall data for determining the appropriate level of protection to be utilized as the basis of design for system improvements to reduce the number of SSOs. Based upon this meeting, EPA and MDE requested further clarification of the proposed methodology. The City submitted a white paper outlining the Continuous Simulation Methodology on June 30, 2011.

On July 8, 2011, representatives from EPA, MDE and the City participated in a conference call and the City answered EPA and MDE's questions regarding the white paper and the continuous simulation methodology. The City sent a follow-up letter to EPA and MDE on July 22, 2011 which further addressed EPA and MDE's questions. On August 29, 2011, EPA submitted additional comments and questions to the City and MDE. EPA and the City participated in a second conference call on August 31, 2011 during which the City responded to EPA's questions.

In a letter dated November 22, 2011, EPA requested that the City, simultaneously submit a proposed plan of improvements based on the continuous simulation approach in addition to a revised implementation plan based on a 10-year, 24 hour design storm by the end of 2011. The City submitted the requested information to EPA and MDE on December 30, 2011. The City received comments from EPA on the continuous simulation report on March 6, 2012 and responded in a letter dated March 22, 2012. EPA, MDE and the City met on March 8, 2012 to discuss on-going consent decree activities, the appropriate level of protection and modification to the compliance schedule. The EPA, MDE, and the City all agreed that starting with a baseline 5 year level of protection (LOP) to be augmented with greater protection in some areas is the right approach. It was that a series of technical workshops would be coordinated to develop the criteria to be used in selecting the appropriate LOP. The first of these technical workshops was held on March 26, 2012, with representatives of the City, EPA Region 3 and MDE with other technical workshops to follow. During the workshop, EPA and MDE had some questions on the hybrid approach. The City provided the necessary clarification in a letter dated April 13, 2012.

On May 10, 2012, via e-mail, the City received preliminary guidance from EPA Region 3 on behalf of both EPA and MDE on the proposed continuous simulation methodology to address SSOs as follows:

1. Baltimore will submit a continuous simulation study and plan for each sewershed in its collection system to EPA and MDE by December 2012. Baltimore shall evaluate and propose hydraulic and capacity related improvements necessary to achieve a 5-year and 10-year SSO Level of Protection (LOP).
2. The decision on how to comply with the CD will remain with Baltimore. Based on modeling provided to date, the Agencies will not accept anything less than a 5-year LOP. However, where the calibrated modeling shows that there are remaining overflows, Baltimore will prioritize these overflows based on volume and develop a plan that will achieve a LOP necessary to meet CD requirements. This plan may include up to a 15-year LOP in some areas. These areas prioritized by volume will be addressed prior to the post construction monitoring phase."

EPA and MDE have indicated that they would be meeting in the near future to discuss the details associated with any proposed modifications to the consent decree and that a letter would be forthcoming once those details have been agreed to. The City submitted a letter dated, June 8th, 2012, to EPA and MDE acknowledging receipt of their e-mail on May 10. Further, the City requested a meeting to discuss the schedule, clarification regarding EPA's intentions, and regular coordination moving forward. To date the City still awaits a response from EPA and MDE. By letter dated September 10, 2012, the U.S. Department of Justice provided a proposal to modify the CD, extending the compliance deadline and addressing other issues.

On October 19, 2012, the EPA sent a letter to the City that included comments on the Integrated Planning Framework (IPF) presentation conducted by the City on September 24, 2012. On December 7, 2012, the City sent a letter to the Regulators regarding among other things the Sewershed Report Revisions and Integrated Planning. The City submitted the Sewershed Study and Plan Amendment in December 28, 2012.

The City met with EPA and MDE on January 31, 2013, to further discuss the revised Sewershed Report Revisions and Integrated Planning. Based upon this meeting, the City prepared a document called Phase 1 Adaptive Management Technical Memorandum (TM) that was submitted to EPA and MDE on February 28, 2013, detailing proposed projects, costs, estimated benefits and time frames for the first phase of the adaptive management approach.

The City received comments from EPA regarding the Technical Memorandum (TM) on March 12, 2013. The City responded to the comments in a letter dated April 11, 2013.

On November 1, 2013, the City received a response from the Regulators to the June 28, 2013, City letter regarding the time line for completion of Phase 2 Consent Decree work. The Regulators recognized the ongoing efforts by the City and indicated that they have no objection to the implementation of a refined version of the IPF and a two-phased adaptive management approach to complete the structural and hydraulic rehab under the Consent Decree. The Regulators also pointed out that a court approval of an amended Consent order is required if any deadlines are to be modified. **The City responded to the November 1, 2013 correspondence in a letter dated December 16, 2013 and met with EPA, DOJ and MDE on March 27, 2014 to**

provide a progress update on the Consent Decree. The City followed up with a letter dated May 12, 2014, to the Regulators highlighting the two phased adaptive management approach and re-iterating the City's willingness and commitment to move forward with the Consent Decree modification. On May 12, 2014 the City provided a response based on questions raised by EPA and MDE during the progress meeting on March 27, 2014. An additional follow-up conversation between EPA and the City on June 4, 2014 resulted in the Phase 1 Adaptive Management Contract Summary which was submitted to EPA on June 27, 2014.

Implementation

The sewershed studies and the system-wide hydraulic model clearly demonstrate how the sewage flows generated in the County will impact the recommended improvements within the City. Unfortunately, the timing of the City's and County's Consent Decrees limits the ability to best represent the planned improvements in the County. More importantly, County flows could be significant and could render a number of the recommended hydraulic improvements ineffective in eliminating SSOs. Conversely, we understand that the County is planning to reduce wet-weather flows which could result in over-sized hydraulic improvement projects and excessive costs for our downstream facilities. Since an estimate of the reduction in wet-weather flows from the County is not available at this time, the City cannot model this benefit. Therefore, we believe that implementing hydraulic improvements in the sewersheds that are impacted by County flows would be premature, may not result in the most fiscally responsible approach for the City, and may not achieve the Consent Decree goal of eliminating SSO's.

The Final Sewershed Plans as submitted outlined how the City plans to implement all of the identified structural repairs and hydraulic improvement rehabilitation projects by January 1, 2016. However, the City believes this project scheduling ignores the inherent problem of lack of reliable Baltimore County hydraulic flow data crucial to five (5) of the City's sewersheds. The remaining three (3) sewersheds have no or minimal impacts from County flow. In addition to flow impacts from the County, the February 10, 2011, letter does not provide clear guidance for the City to evaluate all projects previously identified in the final sewershed plans. However, the City recognizes its responsibility to comply with the Clean Water Act and the Consent Decree, thus, the City is in good faith proceeding with some O&M related projects. These projects include designing other structural defect and hydraulic projects that will improve management of the collection system such as, cleaning and CIPP lining, point repairs, manhole rehabilitation, etc.

The City plans on advancing executable projects that are not impacted by the design storm selection while the City and MDE/EPA determine how best to address the misaligned Baltimore County Consent Decree data and the appropriate level of protection selection approach for Baltimore City. The City will monitor the collection system and calibrate the model, perform additional hydraulic simulations and assess the impact of County flows on the City's collection system, and determine the effectiveness of the selected construction projects and the effectiveness of projects implemented by the County. Doing so will allow the City to design and implement hydraulic improvements that more precisely comply with the intent of the Consent Decree, which is the elimination of SSOs. Appendix 2 of this Calendar Quarterly Report provides a

status update for each of the construction projects being carried out under Paragraph 9 of the Consent Decree. The City will continue to coordinate with MDE and EPA to address the aforementioned issues and will revise the sewershed planning recommendations accordingly.

G. Progress Reports: Progress of work under Paragraph 9 is as reported herein.

Paragraph 10: Illegal Sewer Connections

A. Illegal Private Connections: During the calendar quarter ending September 30, 2014, Baltimore further addressed the list of suspected illegal connections to the collection system known to the City. The City had previously initiated enforcement actions for 14 suspected illegal connections by notifying the respective property owners of the suspected illegal connections and actions to be taken, as required by Paragraph 10.A of the Consent Decree. In accordance with the City's enforcement plan, staff of Housing and Community Development (HCD) inspected these 14 properties and determined that two were not illegal connections, ten required dye/smoke testing for confirmation, and two required further evaluation. The City performed dye testing and determined that only 5 are illegal connections. Furthermore, the City has identified and confirmed 33 additional properties within the Western Run Sewershed with potential illegal storm water connections to the sanitary system.

The City has further researched the 38 illegal connections documented in the past Quarterly Reports and has determined that the results of the testing performed to date cannot differentiate between an illegal connection or a privately-owned portion of a customer service connection lateral. Dye testing performed did prove that sources of inflow are connected to the sewer; however, it was not determined whether the connections were via direct connections to the sewer pipe or via the privately owned portion of the lateral. As such, the City should not have positively identified these as illegal connections and requests approval to remove the 38 connections from the list in Appendix 3 until further investigation can be performed. In February 2010, the City completed its illegal connections investigations in the Jones Falls Sewershed, including the 38 potential connections in the Western Run Area previously provided in Appendix 3, plus an additional 25 as identified in the Jones Falls Collection System Sewershed Study and Plan, utilizing dye-testing, smoke testing along with CCTV inspections. Based upon these investigations out of the 63 previously suspected illegal connections, only two illegal connections were confirmed. These locations are, 6309 Greenspring Ave and 4424 Marble Hall Rd.

6309 Greenspring Ave: A letter was sent to the property owner on August 08, 2011, and a follow up letter was sent on January 5, 2012. The second letter was returned unclaimed. Dye testing confirmed the location is abated.

4424 Marble Hall Road: On August 11, 2008 while performing dye testing as part of their field investigations, the Herring Run Sewershed team identified an illegal sewer connection at 4424 Marble Hall Road. Once an illegal connection is identified, the approved Illegal Connection Enforcement and Implementation Plan will be adhered to.

This illegal connection has been found to be located on private property. The City has contacted its Housing Department (HCD) to send the owner a notice to eliminate this illegal connection. Additional dye-testing was carried out in March 2011 to satisfy HCD requirements and a letter was sent to HCD on May 25, 2011, for further action. A Violation Notice was issued in July 2011. A meeting was held on July 28, 2011, with Marble Hall Apartment management to discuss the progress of eliminating the illegal connection. Per the management of the apartment complex, the connection was re-routed in August 2011. Follow up testing was carried out in September which indicated that the fix did not prevent storm water from getting into the sanitary sewers. The City attempted to coordinate with the property owner to fix the problem permanently but the property owner is not responsive. This location has been referred to the Code Enforcement Legal Section of HCD (ID 28567). The violation has been corrected. A City representative visited the site and conducted visual inspection and dye test on March 11, 2013, to confirm. This location is closed.

The City plans to perform supplemental investigation as part of the Paragraph 9 Sewershed Studies. Under these studies, each of these connections and any additional connections will be investigated and a distinction will be made between the two types of connections as noted herein.

- B. Updated List of Illegal Connections:** Appendix 3 contains the updated list of known illegal connections.
- C. Illegal Connection Enforcement and Implementation Plan:** This requirement has been completed as reported in Quarterly Report No. 7.
- D.** In a letter dated May 05, 2003, MDE stated that they had reviewed the draft plan for implementation and enforcement with regard to illegal connections and found it to be acceptable. As requested by MDE, the City is considering the merits of adding a provision to the Plan that would enable the City Department of Public Works to actually do disconnections themselves and bill people for the materials and labor as a last resort if they have a situation where flows may cause a SSO and there is no cooperation from the property owner. To date, the need for this has not occurred. EPA in its letter dated January 12, 2005 has approved the Illegal Sewer Connection Detection and Enforcement Plan.
- E.** Progress of work under Paragraph 10 is as reported herein.
- F. Privately-Owned Portion of a Customer Service Connection Lateral:** During the calendar quarter ending September 30, 2014, no privately-owned portion of a customer service connection was identified as a source of I/I that causes or contributes to an overflow from the collection system. During this same quarter, no owners of such laterals were notified of the need to repair, rehabilitate, replace or terminate their laterals, and no enforcement actions in regard to such laterals were pending.

Paragraph 11: Pumping Station Inspection, Rehabilitation, and Repair

- A. Pumping Station Rehabilitation and Repair:** As reported in Quarterly report No. 8, all pumping station rehabilitation projects are complete.
- B. Pumping Station Inspection Procedures:** During the calendar quarter ending September 30, 2014, Baltimore inspected each of the eight pumping stations at least twice daily in accordance with Paragraph 11.B. All inspections were conducted in accordance with the inspection checklist attached as Appendix F to the Consent Decree, and completed inspection checklists are being maintained. All deficiencies noted during inspections were corrected within eight hours, or a work order was issued for correction. A listing of these work orders is attached as Appendix 4 to this Calendar Quarterly Report.

As reported in Quarterly Report No. 8, the project to upgrade the SCADA system for remote monitoring of pumping stations is completed. As such, the City of Baltimore recognizes that once daily pumping station inspections will satisfy the requirements of the Consent Decree in accordance with Paragraph 11.B.i.

- C. Pumping Station Remote Monitoring:** As of September 30, 2014, Baltimore continuously monitored pumping station data in accordance with Paragraph 11.C. of the Consent Decree. Alarm data was electronically archived.
- D. Pumping Station Equipment Inventory:** As of September 30, 2014, all pumps, motors, bar screens, sensors and other critical components of Baltimore's pumping stations had been assigned unique equipment identification numbers. These numbers are recorded in the maintenance information management system ("MIMS") operated by Baltimore's Wastewater Facilities Division.
- E. Pumping Station Preventative Maintenance:** The MIMS system operated by Baltimore's Wastewater Facilities Division automatically generates work orders for preventive maintenance at Baltimore's eight pumping stations, including standard operating procedures and parts lists. During the calendar quarter ending September 30, 2014, the MIMS system was used to initiate and track scheduled preventive maintenance activities at the pumping stations.

During the calendar quarter ending December 31, 2002, a procedure for determining the cause of equipment and/or system failures was submitted as required by Paragraph 11.E.ii of the Consent Decree.

- F. Pumping Station Operation and Maintenance Manuals:** As of September 30, 2014, operations and maintenance ("O&M") manuals for each of Baltimore's eight pumping stations were up to date, reflecting current station configuration, equipment, and characteristics. Operating parameter value ranges for each pumping station are available in the standard operating procedures ("SOPs") for that pumping station, which are posted at the pumping station and considered part of the O&M manual. Pump run times are kept in the log books at each pumping station.

- G. Progress Reports:** Table 11-1 Summarizes the status of Baltimore's pumping station inspection and repair program during the calendar quarter ending September 30, 2014.

Table 11-1: Pumping Station Inspection and Repair Program

Pumping Station	Date of Inspection Completion	Date of Repair Completion	Repairs or Improvements	No. of Overflows
Eastern Avenue	All Pumping Stations inspected twice per day throughout reporting period	See Appendix 4	See Appendix 4	None
Brooklyn				None
Dundalk				None
Jones Falls				None
Locust Point				None
Quad Avenue				None
McComas				None
Westport				None

Progress toward installation of the new SCADA system for remote monitoring of pumping stations is reported in item 11.C above

Paragraph 12: Collection and Transmission System Model

- A.** The hydraulic modeling task for each sewershed will be performed utilizing the previously-selected hydraulic modeling software package: InfoWorks, marketed by Innovyze.
- B. Model Elements:** The InfoWorks hydraulic modeling package is fully compliant with the requirements listed in Paragraph 12.B.i of the Consent Decree.
- C. Model Project Approach Report:** This draft Report was submitted by the February 27, 2003 milestone date (150 days from the Date of Entry of the Consent Decree).
- D.** EPA in its letter dated January 12, 2005 has approved the Model Project Approach Report. Baltimore has initiated implementation of the Model Project Approach Report. The first phase of model implementation, involving the migration of the four models developed as part of previous sewershed studies into an InfoWorks environment, is underway.
- E. Model Certification:** Baltimore completed implementation of the Model for each sewershed on or before submission of the respective Sewershed Study and Plan required under Paragraph 9, and certified the model for each sewershed at that time.
- F. Progress Report:** The City continued development and enhancement of the

model during this Quarterly period.

Paragraph 13: Collection System Operation and Maintenance

- A. During the calendar quarter ending September 30, 2014, Baltimore continued to review current practices and procedures for collection system operation and maintenance, and to identify any changes that are needed for full compliance with the requirements of Paragraph 13.A. of the Consent Decree.
- B. The draft Operations and Maintenance Program Report required under Paragraph 13.B. of the Consent Decree was submitted in accordance with the milestone date of January 28, 2003 (120 days from the Date of Entry of the Consent Decree). MDE has indicated approval of this draft Report; EPA has also approved this report in its letter dated January 12, 2005.
- C. The City of Baltimore has implemented root and grease control programs after approval of chemical products that will be used as part of the cleaning for root and grease problem areas. Those pipes that are found to have root and grease problems are being treated under these programs and recorded/tracked in the GIS system.
- D. **Progress Reports:** The implementation period of the Operations and Maintenance Plan was completed in July 2006. The City submitted the Year 1 Annual Report on October 30, 2007, which covered the time period from July 2006 to July 2007. This report includes all elements as specified in this section of the Consent Decree. The Year 2 Annual Report was submitted on October 30, 2008 and it covers the time period from July 2008 to June 2009. The Year 3 Annual Report was submitted to EPA/MDE and DOJ on October 27, 2009. The City of Baltimore submitted the fourth annual progress report, on October 28, 2010. The fifth annual progress report was submitted to EPA/MDE on October 21, 2011. The sixth annual progress report was submitted on October 25, 2012. **The seventh annual progress report was submitted on October 30, 2013.**

Paragraph 14: Information Management System Program

- A. During the calendar quarter ending September 30, 2014, Baltimore continued to develop an information management system that will facilitate engineering analysis, evaluation, operation and maintenance of the collection system.
- B. **Geographic Information System:** On September 24, 2004, Baltimore demonstrated to EPA and MDE that the GIS is fully functioning and capable of displaying the information described in Paragraph 14.B.i through iv.
- C. **500 Scale Maps:** This requirement has been completed as reported in Quarterly Report No. 7.
- D. **Global Positioning System:** Water and Wastewater Maintenance crews are equipped with eight global positioning system ("GPS") units for use in collection system maintenance. A standard operating procedure (SOP) has been developed for the use of these units in locating collection system components. Maintenance crews have received

appropriate training to use the GPS units.

- E. Inventory of Collection System Components:** On September 24, 2004, Baltimore demonstrated to EPA and MDE that the GIS is fully functioning and capable of displaying the information described in Paragraph 14.E for each component.
- F. Update Inventory of Collection System Components:** Within ninety (90) days of completion of inspection or rehabilitation of a collection system component as required under Paragraph 9, Baltimore will update the collection system inventory.
- G. Progress Reports:** Development of the Baltimore collection system inventory database continued throughout the calendar quarter ending September 30, 2014. Most of the information currently in the database has been taken from record documents (for example, "as-built" drawings). **This information will be verified and supplemented with field inspection data/information, and all required database fields are being populated, as part of the Sewershed Studies required under Paragraph 9 of the Consent Decree. Progress toward implementation of the GIS is reported in Item 14.B. above.**

Paragraph 15: Valve Inspection and Repair Program

- A.** All requirements of Paragraph 15 have been completed as summarized in Quarterly Report No. 7.
- B. Progress Reports:** All requirements of Paragraph 15 have been completed as noted in Appendix H of Consent Decree.

Paragraph 16: Emergency Response Plan – Un-permitted Discharges

- A. Emergency Response Plan (ERP):** Baltimore has developed and implemented an Emergency Response Plan for protection of public health and the environment in the event of an un-permitted discharge from the wastewater collection system.
- B.** This requirement has been completed as reported in Quarterly Report No. 7.
- C.** The EPA and MDE reviewed the draft Emergency Response Plan, and review comments were forwarded to Baltimore in a letter from EPA Region 3 received by Baltimore on July 23, 2002. The City of Baltimore revised the draft Emergency Response Plan accordingly by responding to the review comments within the 30-day requirement established by Paragraph 16.C. of the Consent Decree. MDE and EPA granted approval of the Plan in separate letters received by Baltimore on May 5, 2003, and May 14, 2003, respectively. As of the June 13, 2003 milestone date for implementation of the Plan (30 days from final approval), 70 copies of the Plan had been produced and distributed to appropriate staff.

- D. Yearly Review and Update:** During the Calendar Quarter ending December 31, 2007, the City submitted the Yearly Update for 2007. The 2008 update was submitted on December 26, 2008. The City of Baltimore submitted updates to the ERP for 2009 on December 28, 2009. The 2010 annual updates to the ERP were submitted to the Regulators on December 28, 2010. The 2011 annual updates to the ERP were submitted to the Regulators on December 23, 2011. The 2012 annual updates to the ERP were submitted to the Regulators on December 21, 2012. **The 2013 annual updates to the ERP were submitted to the Regulators on December 21, 2013**
- E.** No portion of the Emergency Response Plan is in dispute at this time, and Baltimore has implemented the Plan in its entirety.

Paragraph 17: Reporting of Discharge Events and Recordkeeping

- A.** During the calendar quarter ending September 30, 2014, Baltimore has complied with the reporting requirements for overflows from the wastewater collection system as established by Paragraph 17 of the Consent Decree, by NPDES Permit Numbers 21555 and 21601, by State Discharge Permit Numbers 89-DP-0581 and 93-DP-0580A, and by State and Federal regulations. Oral notifications of overflows were made to MDE within 24 hours that Baltimore first became aware of them, and written reports were forwarded within 5 days. A summary of reported overflows for the calendar quarter ending September 30, 2014 is provided in Appendix 5.
- B.** During the calendar quarter ending September 30, 2014, Baltimore maintained a monitoring, sampling, analysis and reporting program to monitor water quality in Baltimore surface water. This program is administered by the Water Quality Management Section of the Environmental Services Division in accordance with the requirements of the NPDES referenced in item 17.A. above. Monitoring results are published annually in Baltimore's Water Quality Report.
- C.** Records of all sanitary sewer overflows from Baltimore's collection system during the calendar quarter ending September 30, 2014, are being maintained in accordance with the requirements of Paragraph 17.C.
- D.** Copies of all written reports prepared pursuant to Paragraph 17 will be maintained for a minimum of 5 years, as required by Paragraph 17.D.

C. DESCRIPTION OF ANTICIPATED PROBLEMS WITH SECTION VI REQUIREMENTS

Issues and concerns related to Paragraph 8 construction projects are reported above in the Paragraph 8 section of this Calendar Quarterly Report. As of September 30, 2014, there were no other anticipated problems with Section VI requirements to report.

D. DESCRIPTION OF SEP ACTIVITIES

The study and 30% design for the Patapsco Wastewater Treatment Plant Enhanced Nutrient Removal (ENR) project was completed and submitted to Maryland Department of the Environment (MDE) and US EPA Region III (EPA) in September 2004. The MDE letter approving the 30% design for the Patapsco Wastewater Treatment Plant was on December 01, 2004. The EPA letter approving the 30% design was on received May 24, 2005.

The consultant agreement for the design of the Patapsco Wastewater Treatment Plant ENR project was approved by the City's Board of Estimates on December 21, 2005. As of the calendar quarter ending September 30, 2014, SC 845R - BAF and tertiary PS **bids were rejected and the project was re-advertised in December 2011 and bids were received on February 15, 2012. Notice to Proceed (NTP) for construction was issued on August 1, 2012 and the estimated construction completion date is February 2015.** SC 852R - Denitrification filters project was advertised on March 27, 2009 and the bids were rejected. This project was re-advertised on October 13, 2009 and the successful bidder was awarded the NTP on December 29, 2009. **This project is currently in the construction phase.**

In addition, the City has selected the consultant for engineering services for SC 855 - ENR Modifications to the Existing Facilities at the Patapsco Wastewater Treatment Plant. As of the calendar quarter ending September 30, 2014, this contract was advertised on April 30, 2010, and bids were due on September 30, 2010. The construction NTP was issued on February 22, 2011. **This project is currently in the construction phase.**

The 75% design document for the Improvements to the Headworks and Wet Weather Flow Equalization at Back River WWTP Project (SC 918) was submitted to the City on June 27, 2014 for review.

E. ADDITIONAL MATTERS FOR THE ATTENTION OF THE EPA AND MDE

As of the calendar quarter ending September 30, 2014 the City of Baltimore has updated the Sanitary Discharges of Unknown Origin (SDUO) tracking sheet to the Quarterly Report per the requirements of the policy letter by EPA and MDE dated March 31, 2009. The details of these sites are located in the SDUO tracking sheets in Appendix 5.

The City provided a response to MDE/EPA and requested additional time to research and develop possible methods of quantifying SDUOs in a letter dated April 30, 2009. The City submitted the SDUO Quantification Protocol to MDE and EPA for review, comments and approval on August 06, 2009. EPA/MDE issued a SDUO Quantification Protocol comment letter on December 21, 2009. The City of Baltimore issued a response letter to EPA/MDE on February 16, 2010. EPA/MDE approved the quantification protocol on October 12, 2010, and requested that the City apply the protocol to all resolved and

outstanding SDUO sites since October 30, 2008, and to all future SDUOs. The City submitted a final approved copy of the SDUO Quantification Protocol to MDE/EPA on November 18, 2010 and sent in the application of the SDUO Protocol on December 28, 2010.

APPENDIX 1

STATUS OF PARAGRAPH 8 CONSTRUCTION PROJECTS

APPENDIX 1
STATUS OF PARAGRAPHS OF CONSTRUCTION PROJECTS
As of September 30, 2014

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO/CSO STRUCTURES ELIMINATED	STATUS
UPPER JONES FALLS SEWERSHED							
1	Western Run Interceptor (JPI Branch) Sanitary Contract Nos. 760 & 789	1. Install approximately 880 linear feet of 30-inch parallel relief sewer from JPIB49 to JPI10 (along JPI90A-JPI94) (SC760) 2. Install approximately 9,400 linear feet of 21- to 24-inch parallel relief sewer from JPI20 to JPI65 (SC789) 3. Rehabilitate approximately 3,300 linear feet of existing 18-inch sewer from JPI07 to JPI20 (SC789)	June 30, 2002	June 30, 2004	June 30, 2005	Eliminates SSO nos. 21, 22, 23, 24 and 29	Complete
2	Upper Jones Falls Interceptor (North & South of Pepsi Cola Plant) Sanitary Contract Nos. 772 & 824	1. Rehabilitation of approximately 1,800 linear feet of existing 42- to 48-inch sewer located between JPI01 (Mt. Washington Flume) and JPI10, and approximately 6,570 linear feet of 48- to 60-inch sewer located between JPI42 and the JPI10. Replacement of approximately 1,900 linear feet of 48" sewer between JPI10 and JPI18 and approximately 1,550 linear feet of 60" sewer between JPI70 and the Jones Falls Pumping Station (SC772) 2. Replacement of approximately 7,080 linear feet of 48-inch sewer between JPI18 and JPI42 (SC 824). 3. Manhole and stream bank restoration.	June 30, 2004	December 27, 2006	12/30/2008 **	Eliminates SSO Nos. 33 and 34	SC 772- Practical Completion was achieved on June 30, 2006. SC 824 - Construction Phase** Letter sent to MDE and EPA on 6-25-07 requesting an extension of the SSO elimination date to December 2008. MDE response letter approving extension was received on September 5, 2007. Eliminated SSO Nos 33 and 34 on 12/10 and 12/23/08, respectively.
3	New Jones Falls Force Main/Pressure Sewer - Lower Section and Valves improvements of existing force/pressure sewer Sanitary Contract Nos. SC779 & SC805	1. Replacement of approximately 1600 linear feet of force main/pressure sewer in Broadway from Oliver to East Chase Street connecting to High Level sewer (SC 779) 2. Improvements to gate valves, blow-off valves and air release valves for existing force main/pressure sewer (SC 805)	December 30, 2002	June 30, 2004	6/30/2005 - SEE STATUS	Contributes to elimination of SSO No. 5	SSO No. 5 cannot be eliminated until projects 4 and 5 are completed.
4	Jones Falls Pumping Station Force Main/Pressure Sewer Sanitary Contract No. 800	Upgrade existing force main/pressure sewer to handle increased flows from rehabilitated/ upgraded Jones Falls Pumping Station as well as additional flows from possible future pumping stations in Stony Run and along the JCA branch	June 30, 2005	12/29/2007**	May 2, 2008	Contributes to elimination of SSO No. 5	Construction Phase** Letter sent to MDE and EPA on 6-11-07 requesting additional 90 day practical completion extension to December 2007. MDE response letter approving additional extension received September 5, 2007. Letter sent to MDE and EPA on 12/12/07 requesting additional 90 day extension for practical completion. Practical completion occurred on 12/30/08. Extension request approval granted by MDE in a letter dated April 15, 2010. Awaiting response from EPA.
5	Jones Falls Pumping Station Sanitary Contract No. 822	Upgrade existing pumping station to handle at least 50 mgd	December 30, 2005	12/29/2007**	June 30, 2008	Eliminates SSO No. 5	Construction Phase** Letter sent to MDE and EPA on 6-11-07 requesting additional 90 day practical completion extension to December 2007. MDE response letter approving additional extension received September 5, 2007. Beneficial Occupancy achieved 11/16/07.
6	Elimination of Collection System Overflows in Upper Jones Falls Sewershed Sanitary Contract No. 876	Assess hydraulics and design improvements to areas adjacent to overflows	Existing on-call contract	June 30, 2003	June 30, 2004	Eliminates SSO Nos. 20, 31, 32 and 36	Complete

**APPENDIX 1
STATUS OF PARAGRAPHS OF CONSTRUCTION PROJECTS
As of September 30, 2014**

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO/CSO STRUCTURES ELIMINATED	STATUS
LOWER JONES FALLS SEWERSHED							
7	Lower Jones Falls Interceptor (Upper Portion of Gravity Mainline) Sanitary Contract Nos. 773 & 818	1. Install approximately 7,900 linear feet of 18- to 24-inch parallel relief sewer from JG030 (near Jones Falls Pumping Station) to JG061 (at the connection of the JGE branch) (SC818) 2. Rehabilitation of approximately 16,500 linear feet of existing sewer ranging from 12- to 50-inch (SC773) 3. Inverted siphon rehabilitation in Falls Road (manhole JG062) (SC773) 4. Stream bank restoration along Union Avenue near Meadow Mills at Woodberry	July 31, 2003	June 30, 2006	2/28/10**	Eliminates SSO No. 67	Post Construction Monitoring Phase. Monitoring period is extended at one site.
8	Stony Run Interceptor and Pumping Station (JGF Branch)** Sanitary Contract No. 819, 838, 839 & 847	1. Construct a 20 mgd capacity pumping station near Department of Public Works Solid Waste Site near the intersection of 29th Street and Sisson Street. 2. Install approximately 1,200 linear feet of 24-inch force main from new pumping station to JFPS pressure sewer (length depends on location of pumping station) 3. Parallel approximately 10,800 linear feet of existing sewer from south of Coldspring Lane (JGF48) to the new pumping station with 18 to 36-inch sewer	December 30, 2005 (SC-819 & 838) June 30, 2006 * (SC-839 & 847)	5/31/2009**	2/28/10**	Contributes to elimination of SSO No. 72; eliminates SSO No. 129	Practical completion was achieved on May 29, 2009 for the extension of the Stony Run Interceptor (SC-839). The construction of the project is nearly complete. Flow monitor installed at new Stony Run Pump Station on August 26, 2009. The City submitted an extension request to EPA and MDE for SSO 67 and 72 dated February 16, 2010 requesting an extension to February 28, 2011. The City further submitted another extension letter dated February 15, 2011, requesting an extension to June 29, 2019 to allow for adequate time for the City to complete the hydraulic restriction project at the BR-VWRP, which the City believes is a major contributor to not being able to eliminate these SSOs.
9	Maryland Avenue Interceptor (JGB Branch) Sanitary Contract No. 799	1. Replace (upsize) approximately 4,400 linear feet of existing 12- to 24-inch sewer with new 21- to 36-inch sewer along branch interceptor, excluding proposed 901 N. Howard project area 2. Improvements to siphon/SSO No. 125 under I-83 (JGB18-JGB19) 3. Sewer replacement may require crossing the CLRL	December 30, 2003	July 14, 2005 *	June 30, 2006	Eliminates SSO Nos. 69 & 125	Complete
10	Greenmount Avenue Interceptor (JGA Branch)* Sanitary Contract No. 820, 833	1. Install approximately 7,325 linear feet of 36 to 42-inch parallel relief sewer from Bonaparte Avenue to the High Level Interceptor on Eager Street. 2. Line approximately 6,000 linear feet of 15- to 33-inch existing sewer.	December 30, 2005	1/22/07 **	2/28/10***	Contributes to elimination of SSO No. 72	Construction Phase. SC-833-Extension letter was sent on 12-7-07 for a 90 day extension through March 29, 2008. This extension was approved and a subsequent extension for 90 days, through June 27, 2008 was submitted. Awaiting response from MDE/EPA. Practical completion achieved on May 27, 2008. Monitoring period began July 25, 2008. In a letter dated 11/09/2011, EPA approved the minor schedule modification.
11	Elimination of Siphon Blowoff (Siphon No. 6 - south of North Avenue Bridge, west of RR tracks) Sanitary Contract No. 830	1. Cleaning and inspection of siphon with repairs as necessary. 2. Elimination of blow-off.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO No. 68	Complete
* Approved by MDE/EPA. ** Approved by MDE; *** Approved by EPA							
HERRING RUN SEWERSHED							
12	Moore's Run Interceptor - Middle Section Storm Water Contract Nos. 7746 and 7751	Construction of approximately 400 linear feet of 18-inch, approximately 600 linear feet of 21-inch, and approximately 4900 linear feet of 24-inch, and approximately 1,000 linear feet of 27-inch, and approximately 100 linear feet of 30-inch sewer to replace existing interceptor	June 30, 2003	July 14, and Sept 2, 2005**	June 30, 2006	Contributes to elimination of SSO Nos. 118 and 119	Complete
13	Moore's Run Interceptor - Lower Section Sanitary Contract No. 801 and 843	Construction of approximately 6900 linear feet of 42-inch, approximately 2700 linear feet of 36-inch siphon, and approximately 3700 linear feet of 54-inch sewer to replace the existing interceptor	June 30, 2005	June 30, 2007	June 30, 2008	Eliminates SSO No. 93 and 94	Construction Phase - Complete
14	Moore's Run Interceptor - Upper Section Sanitary Contract No. 817	Construction of approximately 1700 linear feet of 18-inch and approximately 2200 linear feet of 21-inch sewer to replace the existing interceptor	June 30, 2004	June 30, 2005	June 30, 2006	Contributes to elimination of SSO Nos. 118 and 119	Complete
15	Elimination of Collection System Overflows in Herring Run Sewershed	Assess hydraulics and design improvements to areas adjacent to overflows	Existing on-call contract	June 30, 2003	June 30, 2004	Eliminates SSO Nos. 88 and 109	Complete
16	Elimination of Siphon Blowoffs (Siphon No. 2 - Bay View Yard south of RR tracks; Siphon No. 4 - Bowleys Lane/Moravia Road) Sanitary Contract No. 830	1. Cleaning and inspection of siphons with repairs as necessary. 2. Elimination of blow-offs.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO Nos. 92	Complete*

Note: Shaded date cells indicate completion.

APPENDIX 1
STATUS OF PARAGRAPH 10.1 CONSTRUCTION PROJECTS
As of September 30, 2014

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO/CSO STRUCTURES ELIMINATED	STATUS
GWYNNS FALLS SEWERSHED							
17	Powder Mill System Improvements including GFG branch in Gwynns Falls Sewershed Sanitary Contract Nos. 777 & 804	Rehabilitation of approximately 12,000 linear feet of 12- to 24-inch conveyance piping (SC777) and approximately 33,000 linear feet of 8- to 10-inch collection piping (SC804)	June 30, 2003	June 30, 2006	June 30, 2007	Eliminates SSO Nos. 28P, 29P and 33P	Complete
18	Dead Run System Improvements DFA Branch Sanitary Contract No. 788, 825	Clean, inspect and rehabilitate of approximately 20,000 linear feet of 12- to 24-inch conveyance piping (COE) and approximately 11,000 linear feet of 8- to 12-inch collection piping (SC788).	June 30, 2003	June 30, 2006	June 30, 2007	Eliminates SSO Nos. 16P and 17P	Complete
19	Maldens Choice Interceptor Sanitary Contract No. 826	Clean, inspect, and rehabilitate 12,400 linear feet of 12- to 24-inch conveyance piping.	On-call contract	June 30, 2007	June 30, 2008	Eliminates SSO Nos. 23P and 24P	Construction Phase- Complete
20	Elimination of Siphon Blowoffs (Siphon No. 11 - Annapolis Road and Clare Street; Siphon No. 12 - Chesholm Rd. west of Frankintown Rd.) SC No. 827	1. Cleaning and inspection of siphons with repairs as necessary. 2. Elimination of blow-offs.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO Nos. 84 and 22P	Complete*
COMBINED SEWER AREAS							
21	Walbrook Sanitary Contract No. 780	Implementation of Long Term Control Plan and combined sewer separation design in Walbrook area		June 30, 2002	June 30, 2003	Eliminates CSO No. 21P	Complete
22	Forest Park Sanitary Contract Nos. 780 and 813	Implementation of Long Term Control Plan and combined sewer separation design in Forest Park area	December 30, 2003	June 30, 2005	June 30, 2006	Eliminates CSO No. 13P and SSO Nos. 10P, 11P, 12P, 18P, 19P, 25P, 26P, 27P and 31P. SSO Nos. 10P, 18P, 19P & 31P are eliminated.	Complete
HIGH LEVEL SEWERSHED							
23	Gwynns Run Interceptor Sanitary Contract No. 812	Improvements to the Gwynns Run Interceptor	December 30, 2004	February 25, 2007	12/27/2007**	Eliminates SSO Nos. 106,107 and 130	Complete
24	Gwynns Run System Improvements Sanitary Contract No. 807	Assess hydraulics and design improvements to areas adjacent to overflows	June 30, 2003	June 30, 2006	June 30, 2007	Eliminates SSO Nos. 55, 56, 57, 60, 63, 103, 126, 127, 128 and 131	Complete
25	Elimination of Siphon Blowoffs (Siphon Nos. 9 and 10 - east of Dikeland Street, south of Wilkens Avenue) SC No. 827	1. Cleaning and inspection of siphons with repairs as necessary. 2. Elimination of blow-offs.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO Nos. 79 and 81	Complete*
LOW LEVEL SEWERSHED							
26	Elimination of Siphon Blowoff (Siphon No. 8 - rear of 600 Unetta Avenue) Sanitary Contract No. 827	1. Cleaning and inspection of siphon with repairs as necessary. 2. Elimination of blow-off.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO No. 32P	Complete
* Approved by MDE/LEPA. ** Approved by MDE. ***Approved by EPA							

APPENDIX 2

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of September 30, 2014

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF CONSTRUCTION COMPLETION	DATE OF EVALUATION COMPLETION	STATUS
JONES FALLS SEWERSHED						
JF-3	Lower Jones Falls Sewer Cleaning	SC 876 - The work includes the Lower Jones Falls Interceptor, located in the gravity sewage collection system. Typical work includes initial SONAR assessment of the sanitary sewers to quantify sediment and debris levels, cleaning 8,400 feet of 10" to 75" sanitary sewers between Falls Rd Siphon to the High Level Interceptor, with proper disposal of removed material, and post cleaning CCTV/SONAR/Laser assessment to document the internal condition of the pipes.	5/20/2009 (A)	1/1/2012 (P)	1/1/2013 (P)	This contract was awarded to Video Pipe Services (VPS) on October 21, 2009. The Cleaning of the Lower Jones Falls and Maryland Ave. Siphon Cleaning were combined into one Project (SC 876).
JF-5	Maryland Avenue Sewer Siphon Cleaning	SC 876 - The work includes Maryland Avenue Siphon, and sewers upstream of the Maryland Avenue Siphon (18 and 24-inch sewer siphon). Typical work includes initial SONAR assessment of the sanitary sewers to quantify sediment and debris levels, cleaning of Maryland Avenue Siphon, and various sewers upstream of the Maryland Avenue Siphon, with proper disposal of removed material, and post cleaning CCTV/SONAR/Laser assessment to document the internal condition of the pipes.	5/20/2009 (A)	1/1/2013 (P)	1/1/2014 (P)	This contract was awarded to Video Pipe Services (VPS) on October 21, 2009. The Cleaning of the Lower Jones Falls and Maryland Ave. Siphon Cleaning were combined into one Project (SC 876).
JF-7	Upper Jones Falls Interceptor Reactivation	Reactivation of an inactive 42-inch diameter interceptor sewer along Jones Falls from Northern Parkway (MH S19CC, 2045MH) to Cold Spring Lane (MH S19OO, 1042MH). Prior to reactivation of the 42-inch sewer, an internal inspection of the sewer was necessary to find the actual condition of the line. The City utilized its technical support consultant (KCI) to carry out the inspection process. The field work was started in September 2009 and their findings were completed and a final report was delivered on June 30, 2010.	07/15/2009 (A)	08/08/2010 (A)	N/A	Per Consultant's (KCI) evaluation of the inspection and cleaning work, the line is in fairly good condition and can be re-activated without any major repair/rehabilitation work. This project is complete and the City will utilize this line in the future as deemed necessary a Construction project will not be pursued. All Future work for this pipe will be tracked independently by the City. Conditional Acceptance was on 11/17/10, and Final Acceptance was on 09/22/11.
JF-8	SC 895 - MD Ave Sewer Rehab	SC 895 - Repair and rehabilitation of sanitary sewer and manholes in the Maryland Ave sub-sewershed of the Jones Falls Sewershed.	11/04/11 (A)	05/20/13 (A)	5/8/14 (A)	Bids were opened on 12/14/11 and AM Liner was the lowest bidder. Contract was awarded to AM Liner on 03/21/2012. Pre-construction meeting was held on May 17, 2012. Construction began June 2012. Fourth construction progress meeting was held on March 20, 2013. Last construction progress meeting was held on May 08, 2013. Construction completed.
JF-9	SC 898 - Stony Run Area	Repair and rehabilitation of sanitary sewer and manholes in the Stony Run Area of the Jones Falls Sewershed.	7/27/2012 (A)	2/28/2015 (P)	2/28/2016 (P)	The project was advertised on 7/27/12. The lowest bidder is Insituform Technologies. Award date is 12/19/12 and NTP issued on 2/8/13.
JF-10	SC 899 - Western Run Area	Repair and rehabilitation of sanitary sewer and manholes in the Western Run Area of the Jones Falls Sewershed.	7/27/2012 (A)	8/22/2014 (P)	8/22/2015 (P)	The project was advertised on 7/27/2012. The lowest bidder is Insituform Technologies. Award date is 12/19/12 and NTP issued on 2/8/13.
JF-11	SC 900 - Upper Jones Falls and Maryland Avenue	Repair and rehabilitation of sanitary sewer and manholes in the Upper Jones Falls and Maryland Avenue areas of the Jones Falls Sewershed.	7/27/2012 (A)	12/19/2014 (P)	12/19/2015 (P)	The project was advertised on 7/27/2012. The lowest bidder is Insituform Technologies. Award date is 12/19/12 and NTP issued on 2/8/13.
JF-12	SC 897R - Greenmount, Hampden and Bolton Hill	Repair and rehabilitation of sanitary sewer and manholes in the Greenmount, Hampden, and Bolton Hill areas of the Jones Falls Sewershed.	3/22/2013 (A)	8/14/2015 (P)	8/14/2016 (P)	The contract was advertised on 3/22/13. The lowest bidder is Insituform Technologies. Award date is 6/26/13 and NTP issued on 6/27/13.
OUTFALL SEWERSHED						
OF-6	Sediment Cleaning Trunk Sewers in City of Baltimore.	SC 894 - Cleaning of Outfall Sewershed 99-inch and Outfall Interceptor (From N. Bond Street to 6300 Block of E. Lombard Street)	08/05/11 (A)	04/12/2014 (A)	4/12/2015 (P)	This contract was awarded to Metra Industries, who was the lowest bidder, on 6/8/11. NTP was issued on 8/8/11. Cleaning of the outfall stopped as of 6/25/12. Project re-started on 4/29/13 and was completed on 4/27/14.

Note: Shaded date cells indicate completion.

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of September 30, 2014

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF CONSTRUCTION COMPLETION	DATE OF EVALUATION COMPLETION	STATUS
OF-7	SC934 - CLEANING OF THE OUTFALL INTERCEPTOR AND RELIEF SEWERS - PHASE II	Cleaning of the relief sewer and outfall interceptor - phase II	12/13/2013 (A)	10/24/2015 (P)	10/24/2016 (P)	The contract was advertised on 12/13/13. The lowest bidder is Metra Industries. Award date is 3/12/14 and NTP issued on 4/24/14.
HL-8	Liberty Heights Relief Sewer	HIGH LEVEL SEWERSHED SC 879 - Design and construction 18" Relief Sewer from intersection of Springdale Rd and N Hilton St to intersection of Wabash Ave and Liberty Heights Ave. (S09UUJ_007NMH to S13UUJ_008MH). Work includes excavation and removal of existing 12 inch sewer line, installation of 2400 LF of new 18-inch sewer line and relocation of 720 LF of 20-inch water line. Evaluation phase will include continual monitoring of existing engineered SSOs 132, 134 and 135 to ensure no overflows	2/10/2012 (A)	4/11/2014 (A)	4/11/2015 (P)	The contract was advertised on 2/10/12. Bids were due by 3/21/12, but date was extended to 4/4/12. The contract was awarded on 9/26/12 to Monumental Paving and Excavating Inc. First construction progress meeting was held on 3/20/13.
HL-9	SC907 - East Baltimore Region	SC 907 - Repair and rehabilitation of sanitary sewer and manholes in the East region of the High Level Sewershed.	3/22/2013 (A)	3/22/2015 (P)	3/22/2016 (P)	The contract was advertised on 3/22/13. The lowest bidder is Inland Waters. The project was awarded on 8/14/13 and NTP was issued on 11/1/13.
HL-10	SC906 - West Baltimore Region	SC 906 - Repair and rehabilitation of sanitary sewer and manholes in the West region of the High Level Sewershed.	5/10/2013 (A)	8/7/2015 (P)	8/7/2016 (P)	The contract was advertised on 5/10/13. Lowest Bidder is SAK Construction. The contract was awarded on 11/13/13 and NTP issued on 2/5/14.
HL-11	SC932 - Improvements to Lower Gwynns Run Interceptor – Phase II From Franklin Street to Baltimore Street	SC 932 - Improvements to Lower Gwynns Run Interceptor – Phase II From Franklin Street to Baltimore Street - microtunneling project	7/26/2013 (A)	7/16/2015 (P)	7/16/2016 (P)	The contract was advertised on 7/26/13. Lowest Bidder is Bradshaw Construction. Contract was awarded on 3/12/14 and NTP issued on 5/28/14.
HL-12	SC933 - High Level Interceptor Cleaning	SC 933 - cleaning of the High Level Interceptor	7/26/2013 (A)	1/22/2015 (P)	1/22/2016 (P)	The contract was advertised on 7/26/13. Lowest Bidder is Video Pipe Services Construction. Due to an unbalanced bid, the contract will be awarded to the second lowest bidder Proven Management. Award date is 4/23/14 and NTP issue date is 7/30/14
HL-12	SC905 - North Region of High Level Sewershed	SC 905 - Repair and rehabilitation of sanitary sewer and manholes in the North region of the High Level Sewershed.	10/11/2013 (A)	4/9/2015 (P)	4/9/2015 (P)	The contract was advertised on 10/11/13. Lowest Bidder is Spiniello. Contract was awarded on 3/19/14 and NTP issued on 6/2/14.
HR-1	SC911 - Herring Run Sewer Improvement	SC 911 - Repair and rehabilitation of sanitary sewer and manholes in the Herring Run Sewershed.	8/16/2013 (A)	8/16/2015 (P)	8/16/2016 (P)	The contract was advertised on 8/16/13. Lowest Bidder is AM Liner East. Contract was awarded on 2/5/14 and NTP issued on 5/14/14.
HR-2	SC908 - Herring Run Sewer Improvement	SC 908 - Repair and rehabilitation of sanitary sewer and manholes in the Herring Run Sewershed.	9/6/2013 (A)	8/27/2015 (P)	8/27/2016 (P)	The contract was advertised on 9/6/13. Lowest Bidder is Anchor Construction. Due to issues with MBE/WBE, the contract was awarded to the second lowest bidder AM Liner East. Contract was awarded on 2/5/14 and NTP issued on 5/1/14.
HR-3	SC909 - Herring Run Sewer Improvement	SC 909 - Repair and rehabilitation of sanitary sewer and manholes in the Herring Run Sewershed.	10/11/2013 (A)	10/8/2015 (P)	10/8/2015 (P)	The contract was advertised on 10/11/13. Lowest Bidder is Inland Construction. Contract was awarded on 1/29/14 and NTP issued on 4/2/14.
		Low Level Sewershed				

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of September 30, 2014

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF CONSTRUCTION COMPLETION	DATE OF EVALUATION COMPLETION	STATUS
LL-1	SC922R - Low Level Interceptor Cleaning	SC 922R - cleaning of the Low Level Interceptor	1/31/2014 (P)	7/30/2015 (P)	7/30/2016 (P)	The contract was advertised on August 16, 2013. Lowest Bidder is Video Pipe Services Construction. Due to unbalanced bids, this contract was readvertised on 2/7/14. Lowest Bidder is Video Pipe Services Construction. Award date is 7/23/14. NTP issued on 10/1/2014.
LL-2	SC913 - Western Region of Low Level	SC 913 - Repair and rehabilitation of sanitary sewer and manholes in the Western Region of the Low Level Sewershed.	9/20/2013 (A)	9/10/2015 (P)	9/10/2016 (P)	The contract was advertised on 9/20/13. The lowest bidder is Meira. Contract was awarded on 2/12/14 and NTP issued on 4/17/14.
LL-3	SC912 - Eastern Region High Level	SC 912 - Repair and rehabilitation of sanitary sewer and manholes in the Eastern Region of the Low Level Sewershed.	9/20/2013 (A)	9/10/2015 (P)	9/10/2016 (P)	The contract was advertised on 9/20/13. The lowest bidder is Instutorm. Contract awarded on 1/15/14 and NTP issued on 3/7/14.
Gwynns Falls Sewershed						
GF-1	SC920 - South Area Gwynns Falls	SC 920- Improvements to the Gwynns Falls Sewershed Collection System - Area A	6/6/2014 (A)	12/31/2015 (P)	12/31/2016 (P)	The contract was advertised on 6/6/14. The lowest bidder is SAK Construction.

Key: "SS - XX" = Sewershed Name - CD Project No.

APPENDIX 3

LIST OF ILLEGAL CONNECTIONS

City of Baltimore Sanitary Sewer Overflow Consent Decree

Civil Action No. JPH-02-1524

List of Illegal Connections

Full Address	Test ID	Person/Entity Responsible	Source Type	Date Identified	Dye Result	Current Status	Comments
1. 5904 Berkeley Ave.	172 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
2. 6203 Baltimore Ave.	311 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
3. 3319 Clarks Ln.	212 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
4. 3319 Clarks Ln.	212 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
5. 3601 Clarks Ln.	256 B 1	Property Owner	Area Drain	3/21/2005	Positive	Newly Identified	Confirmed Not Illegal
6. 2238 Crest Rd.	14 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
7. 2302 Crest Rd.	13 A 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
8. 13 A 6	13 A 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
9. 5616 Cross Country Blvd.	99 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
10. 6309 Fairlane Dr.	154 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
11. 6908 Fieldcrest Rd.	272 B 3	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
12. 3800 Glenvale Ave.	275 B 13	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
13. 3800 Glenvale Ave.	275 B 13	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
14. ### Greenspring Ave.	153, B 5	Property Owner	Downspout	4/03/47		Illegal	It was confirmed as an illegal connection in January 2011 after carrying out more dye-testing. A letter was sent to the property owner on August 08, 2011. A follow up letter dated 01/05/2012 was sent to the property owner requesting that the drain be disconnected. Corrective action has been taken. This location was tested and confirmed that the problem has been abated.
15. 2212 Ken Oak Rd.	153 B 4	Property Owner	Area Drain	3/28/2005	Positive	Newly Identified	Confirmed Not Illegal
16. 2212 Ken Oak Rd.	100 A 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
17. 2416 Ken Oak Rd.	101 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
18. 5609 Ken Ave.	50 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
19. 2504 Larkvale Rd.	154 B 7	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
20. 5815 Lochlea Rd.	116 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
21. 5815 Lochlea Rd.	116 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
22. 4424 Marble Hall Road		Property Manager	Stormwater Drain	4/13/2011		Illegal	A letter was sent to HCD on May 25, 2011, for further action. A violation Notice was issued in July 2011. A meeting was held on July 28, 2011, with Marble Hall Apartment management to discuss the progress of relocating the illegal connection. Per the management of the apartment complex, the connection was re-routed in August 2011. Follow up testing was carried out in September which indicated that the fix has not prevented storm water getting into the sanitary sewers. Further coordination is being done to permanently resolve the issue. A letter dated 11/28/11 was sent to HCD to continue enforcement. Property owner is not responsive. DPW will coordinate with HCD for enforcement. This violation has been corrected. A City representative visited the site and conducted visual inspection and dye test on March 11, 2013 to confirm. This location is confirmed as an illegal connection in May 2011 after carrying out more dye-testing. A letter was sent to the property owner on August 08, 2011. A follow up letter dated 11/28/11 was sent to the property owner requesting that the connection be disconnected. Corrective action has been taken. This location was tested and confirmed that the problem has been abated.
23. 3 Millbrook Rd.	D 1	Property Owner/Trustee	Patio Drain	5/19/2011		Illegal	It was confirmed as an illegal connection in May 2011 after carrying out more dye-testing. A letter was sent to the property owner on August 08, 2011. A follow up letter dated 11/28/11 was sent to the property owner requesting that the connection be disconnected. Corrective action has been taken. This location was tested and confirmed that the problem has been abated.
24. 5806 Park Heights Ave.	78 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
25. 78 B 2	78 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
26. 78 B 3	78 B 3	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
27. 78 B 9	78 B 9	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
28. 78 B 8	78 B 8	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
29. 5905 Park Heights Ave.	95 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
30. 6414 Park Heights Ave.	315 A 4	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
31. 6414 Park Heights Ave.	315 A 3	Property Owner	Area Drain	3/27/2005	Positive	Newly Identified	Confirmed Not Illegal
32. 7126 Park Heights Ave.	280 B 16	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
33. 6311 Pearce Ave.	203 B 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
34. 6106 Phyllis Rd.	203 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
35. 6306 Phyllis Rd.	127 B 1	Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
36. 6306 Phyllis Rd.	127 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
37. 5503 Rust Ave.	30 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
38. 3208 Shelburne Rd.	334 A 1	Property Owner	Downspout	3/15/2005	Positive	Newly Identified	Confirmed Not Illegal
39. 1702 South Rd.	324 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
40. 2117 Sultgrave Ave.	320 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
41. 2607 Taney Rd.	183 B 4	Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
42. 2615 Taney Rd.	183 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
43. 2700 Taney Rd.	183 B 8	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
44. 2808 Taney Rd.	182 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
45. 2810 W. Stratmore Ave.	180 A 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
46. 2810 W. Stratmore Ave.	180 A 5	Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
47. 2808 W. Stratmore Ave.	180 A 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
48. 3208 W. Stratmore Ave.	180 A 5	Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
49. 4214 Groveland Ave.	50 B 1	Property Owner	Downspout	5/9/2005	Positive	Newly Identified	Confirmed Not Illegal
50. 4414 Groveland Ave.	50 B 1	Property Owner	Downspout	5/9/2005	Positive	Newly Identified	Confirmed Not Illegal
51. 2705 Queen Anne Ave.		Property Owner	Downspout	5/9/2005	Positive	Newly Identified	Confirmed Not Illegal
52. ### Seward Ave		Property Owner	Swimming Pool	4/07/64	Positive	Illegal	A letter dated 12/9/11 was sent to the property owner requesting that the drain be disconnected from the sanitary line. The illegal connection was removed by the owner.

APPENDIX 4

PUMPING STATION WORK ORDERS

Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wk	Craft	Short
No	Center	Loc	WO	Suf	Sts			Date		Type	Code	Description
		Id	Number									
11	PUMPING ST BRKLYN	14.82538		30	P	20140602	20140731	PM	INSPS	INSPECTION		
		14.82539		30	P	20140602	20140730	PM	INSPS	INSPECTION		
		14.82540		30	P	20140602	20140731	PM	INSPS	INSPECTION		
		14.82541		25	P	20140602		PM	INSPS	INSPECTION		
		14.82542		30	P	20140602	20140731	PM	INSPS	INSPECTION		
		14.82543		30	P	20140602	20140730	PM	INSPS	INSPECTION		
		14.82544		30	P	20140602	20040730	PM	INSPS	CHECK COMPONENTS		
		14.82545		25	P	20140602		PM	INSPS	INSPECTION		
		14.82546		30	P	20140602	20140729	PM	INSPS	INSPECTION		
		14.82547		30	P	20140602	20140729	PM	INSPS	INSPECTION		
		14.82548		30	P	20140602	20140729	PM	INSPS	CLEAN AND INSPECT		
		14.82549		30	P	20140602	20140729	PM	INSPS	CLEAN AND INSPECT		
		14.82684		30	P	20140602	20140805	PM	PM	CHECK VARIOUS COMPONENTS		
		14.82685		30	P	20140602	20140805	PM	PM	CHECK VARIOUS COMPONENTS		
		14.82686		30	P	20140602	20140805	PM	PM	CHECK VARIOUS COMPONENTS		
		14.82687		30	P	20140602	20140805	PM	PM	CHECK VARIOUS COMPONENTS		
		14.82688		30	P	20140602	20140805	PM	PM	CHECK VARIOUS COMPONENTS		
		14.82689		30	P	20140602	20140805	PM	PM	INSPECT, CHECK VARIOUS COMPONENTS		
		14.82690		30	P	20140602	20140805	PM	PM	INSPECT, CHECK VARIOUS COMPONENTS		
		14.82691		30	P	20140602	20140805	PM	PM	LUBRICATION AND CHECKS		
		14.82692		30	P	20140602	20140805	PM	PM	CHECK UNIT (GEAR REDUCER)		
		14.82693		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE UNIT		
		14.82694		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE UNIT		
		14.82695		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE UNIT		
		14.82696		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE UNIT		
		14.82697		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE UNIT		
		14.82698		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE		
		14.82699		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE		
		14.82700		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE		
		14.82701		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE		
		14.82702		30	P	20140602	20140805	PM	PM	CLEAN AND LUBRICATE		
		14.82703		30	P	20140602	20140805	PM	PM	CHECK VARIOUS UNITS		
		14.82704		30	P	20140602	20140805	PM	PM	CHECK VARIOUS UNITS		
		14.82705		30	P	20140602	20140805	PM	PM	CHECK VARIOUS UNITS		
		14.82706		30	P	20140602	20140805	PM	PM	INSPECTION		
		14.82707		30	P	20140602	20140805	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE		
		14.82708		30	P	20140602	20140805	PM	PM	INSPECT NORMAL OPERATION		
		14.82709		30	P	20140602	20140805	PM	PM	INSPECT NORMAL OPERATION		
		14.82710		30	P	20140602	20140805	PM	PM	CHECK NORMAL OPERATION		
		14.82747		30	P	20140602	20140619	PM	BLDG	PAINT INSPECTION		
		14.82769		30	P	20140602	20140718	PM	MCHPS	INSPECTION		
		14.82863		30	P	20140602	20140703	PM	ELCPS	CLEAN AND INSPECT		
		14.82864		25	P	20140602		PM	ELCPS	CLEAN & INSPECT		
		15.80073		30	P	20140804	20140930	PM	PM	INSPECT OPERATION AND LUBE		
		15.80074		30	P	20140804	20140930	PM	PM	INSPECT OPERATION AND LUBE		
		15.80075		30	P	20140804	20140930	PM	PM	INSPECT OPERATION AND LUBE		
		15.80076		30	P	20140804	20140930	PM	PM	INSPECT OPERATION AND LUBE		
		15.80077		25	P	20140804		PM	PM	CHECK VARIOUS COMPONENTS		

Jul. 01,'14 - sep. 30,'14

BRKLYN DUNDAL EASIER JF as of 13:47:31

PUMPING STATIONS - PM only

**LOCPO MCST QUAD WSTPT ** on 10/23/14

Co	Cost	Parent	WO	Suf	WO	Sts	TYPE	WO	Issue	WO	Wk	Craft	Short	problem
No	Center	Loc	Id	WO	WO	Sts	TYPE	Issue	Date	WO	Wk	Craft	Description	
11	PUMPING ST BRKLYN	15.80078	30	P	20140804	20140804	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS	
		15.80078	30	P	20140804	20140804	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS	
		15.80079	30	P	20140804	20140930	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80080	30	P	20140804	20140930	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80081	30	P	20140804	20140930	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80082	30	P	20140804	20140930	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80083	30	P	20140804	20140930	PM	PM	PM	PM	PM	PM	ENG. TUNE-UP, OIL CHANGES	SYSTEM CHECK
		15.80084	30	P	20140804	20140930	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80140	30	P	20140804	20140909	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80141	25	P	20140804		PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80142	30	P	20140804	20140909	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80143	30	P	20140804	20140909	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80144	25	P	20140804		PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80145	30	P	20140804	20140909	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80146	30	P	20140804	20140910	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80222	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80223	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80224	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80225	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80226	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80227	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80228	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80229	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80230	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80231	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80232	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80233	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80234	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80235	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80236	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80237	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE		PM	ELCPS	INSPECT AND LUBRICATE	
		15.80328	30	P	20140903	20140916	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80329	30	P	20140903	20140916	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80330	30	P	20140903	20140916	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80331	25	P	20140903		PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80332	30	P	20140903	20140915	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80333	30	P	20140903	20140915	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80334	30	P	20140903	20140915	PM	PM	PM	PM	PM	PM	CHECK COMPONENTS	
		15.80335	25	P	20140903		PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80336	30	P	20140903	20140915	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80337	30	P	20140903	20140911	PM	PM	PM	PM	PM	PM	INSPECTION	
		15.80338	30	P	20140903	20140911	PM	PM	PM	PM	PM	PM	CLEAN AND INSPECT	
		15.80339	30	P	20140903	20140910	PM	PM	PM	PM	PM	PM	CLEAN AND INSPECT	
		15.80469	25	P	20140903		PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS	
		15.80470	25	P	20140903		PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS	
		15.80471	25	P	20140903		PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS	
		15.80472	25	P	20140903		PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS	
		15.80473	25	P	20140903		PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS	

Co	Cost	Loc	Parent	WO	Suf	WO	Sts	TYPE	WO	Issue	WO	Cmplt	Wrk	Craft	Short problem
No	Center	Id	WO	Number						Date		Date	Type	Code	Description
11	PUMPING ST BRKLYN		15.80474			25	P	P	20140903		PM	PM	PM	PM	INSPECT, CHECK VARIOUS COMPONENTS
			15.80475			25	P	P	20140903		PM	PM	PM	PM	INSPECT, CHECK VARIOUS COMPONENTS
			15.80476			25	P	P	20140903		PM	PM	PM	PM	INSPECTION
			15.80477			25	P	P	20140903		PM	PM	PM	PM	LUBRICATION AND CHECKS
			15.80478			25	P	P	20140903		PM	PM	PM	PM	CHECK UNIT (GEAR REDUCER)
			15.80479			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
			15.80480			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
			15.80481			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
			15.80482			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
			15.80483			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
			15.80484			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE
			15.80485			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE
			15.80486			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE
			15.80487			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE
			15.80488			25	P	P	20140903		PM	PM	PM	PM	CLEAN AND LUBRICATE
			15.80489			25	P	P	20140903		PM	PM	PM	PM	CHECK VARIOUS UNITS
			15.80490			25	P	P	20140903		PM	PM	PM	PM	CHECK VARIOUS UNITS
			15.80491			25	P	P	20140903		PM	PM	PM	PM	CHECK VARIOUS UNITS
			15.80492			25	P	P	20140903		PM	PM	PM	PM	INSPECTION
			15.80493			25	P	P	20140903		PM	PM	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
			15.80494			25	P	P	20140903		PM	PM	PM	PM	INSPECT NORMAL OPERATION
			15.80495			25	P	P	20140903		PM	PM	PM	PM	INSPECT NORMAL OPERATION
			15.80496			25	P	P	20140903		PM	PM	PM	PM	CHECK NORMAL OPERATION
			15.80522			25	P	P	20140903		PM	HA	HA	HA	CLEAN AND INSPECT
			15.80523			25	P	P	20140903		PM	HA	HA	HA	CLEAN AND INSPECT
			15.80524			25	P	P	20140903		PM	HA	HA	HA	CLEAN FAN
			15.80572			25	P	P	20140903		PM	ELCPS	PM	ELCPS	INSPECT AND CLEAN
Total W/O's for Location BRKLYN:															
COUNT 123															
DUNDAL															
			14.82521			30	P	P	20140602		PM	20140625	PM	INSPS	INSPECT AND CALIBRATE
			14.82522			30	P	P	20140602		PM	20140625	PM	INSPS	INSPECTION
			14.82523			30	P	P	20140602		PM	20140626	PM	INSPS	INSPECTION
			14.82524			30	P	P	20140602		PM	20140625	PM	INSPS	INSPECTION
			14.82525			30	P	P	20140602		PM	20140625	PM	BLDG	INSPECTION
			14.82525			30	P	P	20140602		PM	20140625	PM	INSPS	INSPECTION
			14.82526			30	P	P	20140602		PM	20140626	PM	INSPS	PURGE TRANSMITTER.
			14.82527			30	P	P	20140602		PM	20140626	PM	INSPS	INSPECT AND CALIBRATE
			14.82528			30	P	P	20140602		PM	20140625	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.82529			30	P	P	20140602		PM	20140625	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.82530			30	P	P	20140602		PM	20140625	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.82531			30	P	P	20140602		PM	20140624	PM	INSPS	INSPECTION
			14.82532			30	P	P	20140602		PM	20140624	PM	INSPS	INSPECTION
			14.82533			30	P	P	20140602		PM	20140625	PM	INSPS	INSPECTION
			14.82534			25	P	P	20140602		PM	20140625	PM	INSPS	INSPECTION
			14.82535			30	P	P	20140602		PM	20140624	PM	INSPS	INSPECT AND CLEAN
			14.82642			30	P	P	20140602		PM	20140722	PM	PM	INSPECT AND LUBRICATE

Jul. 01,'14 - sep. 30,'14 **BRKLYN DUNDAL EASTER JF** as of 13:47:31
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14

Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wkst	Craft	Short
No	Center	Loc	WO	Suf	Sts			Date		Type	Code	problem
		Id	Number									Description
11	PUMPING ST	DUNDAL	14.82643		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82644		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82645		30	P	20140602	20140723	PM	PM		INSPECT AND LUBRICATE
			14.82646		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82647		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82648		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82649		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82650		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82651		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82652		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82653		30	P	20140602	20140722	PM	PM		TEST AND LUBRICATE
			14.82654		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82655		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82656		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82657		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82658		30	P	20140602	20140722	PM	PM		MONTHLY INSPECTION
			14.82659		30	P	20140602	20140722	PM	PM		MONTHLY INSPECTION
			14.82660		30	P	20140602	20140722	PM	PM		INSPECT AND LUBE
			14.82661		30	P	20140602	20140722	PM	PM		CLEAN AND LUBRICATE
			14.82662		30	P	20140602	20140722	PM	PM		CLEAN AND LUBRICATE
			14.82663		30	P	20140602	20140722	PM	PM		CLEAN AND LUBRICATE
			14.82664		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82665		30	P	20140602	20140722	PM	PM		MONTHLY INSPECTION
			14.82666		30	P	20140602	20140722	PM	PM		MONTHLY INSPECTION
			14.82667		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82668		30	P	20140602	20140722	PM	PM		INSPECTION.
			14.82669		30	P	20140602	20140723	PM	PM		INSPECTION.
			14.82670		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82671		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82672		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82673		30	P	20140602	20140722	PM	PM		INSPECT AND LUBRICATE
			14.82674		30	P	20140602	20140722	PM	PM		CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.82674		30	P	20140602	20140722	PM	PM		CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.82675		30	P	20140602	20140722	PM	PM		CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.82676		30	P	20140602	20140722	PM	PM		OBSERVE OPERATION, LUBRICATION
			14.82677		30	P	20140602	20140722	PM	PM		OBSERVE OPERATION, LUBRICATION
			14.82678		30	P	20140602	20140722	PM	PM		MONTHLY INSPECTION
			14.82679		30	P	20140602	20140722	PM	PM		MONTHLY INSPECTION
			14.82759		25	P	20140602		PM	HA		CLEAN AND INSPECT
			14.82760		25	P	20140602		PM	HA		INSPECT, TEMP. DEVICE.
			14.82761		25	P	20140602		PM	HA		INSPECTION
			14.82768		30	P	20140602	20140717	PM	MCHPS		INSPECTION
			14.82832		30	P	20140602	20140625	PM	ELCPS		INSPECTION, (CONTROLS).
			14.82833		30	P	20140602	20140625	PM	ELCPS		INSPECT AND LUBRICATE
			14.82834		30	P	20140602	20140805	PM	ELCPS		REPLACE BATTERY
			14.82835		30	P	20140602	20140805	PM	ELCPS		REPLACE BATTERY
			14.82836		30	P	20140602	20140805	PM	ELCPS		REPLACE BATTERY
			14.82837		30	P	20140602	20140805	PM	ELCPS		REPLACE BATTERY

10/23/14 13:47:31

Total Issued W/O's
Jul. 01, '14 - sep. 30, '14
PUMPING STATIONS - PM only

Mike/Keth Locations:
 **BRKLYN DUNDAL EASTE
 **LOCPO MCST QUAD WS

WCOMPMSAL
of 13:47:31

PAGE 5

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14												
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description
		Id	Number									
11	PUMPING ST DUNDAL	14.82838	14.82838	30	P	20140602	20140624	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82839	14.82839	30	P	20140602	20140624	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82840	14.82840	30	P	20140602	20140624	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82841	14.82841	30	P	20140602	20140624	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82842	14.82842	25	P	20140602		PM	ELCPs	CHECK OPERATION/INSPECTION		
		14.82843	14.82843	30	P	20140602	20140801	PM	ELCPs	TEST AND INSPECT		
		14.82844	14.82844	30	P	20140602	20140801	PM	ELCPs	TEST AND INSPECT		
		14.82845	14.82845	30	P	20140602	20140801	PM	ELCPs	TEST AND INSPECT		
		14.82846	14.82846	30	P	20140602	20140624	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82847	14.82847	30	P	20140602	20140624	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82848	14.82848	30	P	20140602	20140624	PM	ELCPs	CHECK FLOAT SWITCH & LUBE MECHANICAL.		
		14.82849	14.82849	30	P	20140602	20140721	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82850	14.82850	30	P	20140602	20140721	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82851	14.82851	30	P	20140602	20140721	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82852	14.82852	30	P	20140602	20140721	PM	ELCPs	INSPECT AND LUBRICATE		
		14.82853	14.82853	30	P	20140602	20140915	PM	ELCPs	CLEAN & INSPECT MOTOR (FIELD)		
		14.82854	14.82854	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82854	14.82854	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82855	14.82855	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82855	14.82855	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82856	14.82856	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82856	14.82856	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82857	14.82857	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82857	14.82857	30	P	20140602	20140915	PM	ELCPs	CLEAN AND INSPECT		
		14.82858	14.82858	25	P	20140602		PM	ELCPs	CLEAN AND INSPECT		
		14.82858	14.82858	25	P	20140602		PM	ELCPs	CLEAN AND INSPECT		
		14.82859	14.82859	30	P	20140602	20140725	PM	ELCPs	CLEAN AND INSPECT		
		14.82860	14.82860	30	P	20140602	20140725	PM	ELCPs	CLEAN AND INSPECT		
		14.82860	14.82860	30	P	20140602	20140725	PM	ELCPs	CLEAN AND INSPECT		
		15.80070	15.80070	25	P	20140804		PM	PM	OIL CHANGE		
		15.80071	15.80071	25	P	20140804		PM	PM	QUARTERLY INSPECTION AND LUBRICATION		
		15.80072	15.80072	25	P	20140804		PM	PM	INSPECTION		
		15.80124	15.80124	30	P	20140804	20140905	PM	INSPs	INSPECT AND CALIBRATE		
		15.80125	15.80125	30	P	20140804	20140909	PM	INSPs	INSPECTION		
		15.80126	15.80126	30	P	20140804	20140909	PM	INSPs	INSPECTION		
		15.80127	15.80127	30	P	20140804	20140909	PM	INSPs	INSPECTION		
		15.80128	15.80128	30	P	20140804	20140909	PM	INSPs	INSPECTION		
		15.80129	15.80129	30	P	20140804	20140909	PM	INSPs	PURGE TRANSMITTER.		
		15.80130	15.80130	30	P	20140804	20140909	PM	INSPs	INSPECT AND CALIBRATE		
		15.80131	15.80131	30	P	20140804	20140909	PM	INSPs	CLEAN/INSPECT/CALIBRATE		
		15.80132	15.80132	30	P	20140804	20140909	PM	INSPs	CLEAN/INSPECT/CALIBRATE		
		15.80133	15.80133	30	P	20140804	20140905	PM	INSPs	CLEAN/INSPECT/CALIBRATE		
		15.80134	15.80134	30	P	20140804	20140902	PM	INSPs	INSPECTION		
		15.80135	15.80135	30	P	20140804	20140902	PM	INSPs	INSPECTION		
		15.80136	15.80136	30	P	20140804	20140909	PM	INSPs	INSPECTION		
		15.80137	15.80137	25	P	20140804		PM	INSPs	INSPECTION		
		15.80138	15.80138	30	P	20140804	20140902	PM	INSPs	INSPECT AND CLEAN		
		15.80206	15.80206	25	P	20140804		PM	ELCPs	INSPECTION, (CONTROLS).		

Co	Cost	Cost	Parent	WO	Suf	WO	Sts	TYPE	WO	Issue	WO	Cmplt	Wrk	Craft	Short	problem
No	Center	Loc	WO	Number						Date		Date	Typ	Code	Description	
Id																
11	PUMPING ST DUNDAL	15.80207		25	P	20140804		PM	ELCPS	CLEAN/INSPECT/CALIBRT.MERCOID SWITCHES.						
		15.80208		25	P	20140804		PM	ELCPS	CLEAN/INSPECT/CALIBRT.						
		15.80209		25	P	20140804		PM	ELCPS	CLEAN/INSPECT/CALIBRT.						
		15.80210		25	P	20140804		PM	ELCPS	CHECK OPERATOIN.						
		15.80211		25	P	20140804		PM	ELCPS	CHECK OPERATOIN.						
		15.80212		25	P	20140804		PM	ELCPS	CHECK OPERATOIN.						
		15.80213		25	P	20140804		PM	ELCPS	CHECK OPERATOIN.						
		15.80214		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE						
		15.80215		25	P	20140804		PM	ELCPS	TEST AND INSPECT						
		15.80216		25	P	20140804		PM	ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL.						
		15.80217		25	P	20140804		PM	ELCPS	INSPECT TEMPERATURE DEVICE						
		15.80285		30	P	20140804	20140805	PM	MCHPS	CLEAN VACUUM LINES						
		15.80286		30	P	20140804	20140805	PM	MCHPS	CLEAN VACUUM LINES						
		15.80321		25	P	20140903		PM	INSPS	INSPECT AND CALIBRATE						
		15.80322		25	P	20140903		PM	INSPS	INSPECTION						
		15.80323		25	P	20140903		PM	INSPS	PURGE TRANSMITTER.						
		15.80324		25	P	20140903		PM	INSPS	INSPECT AND CALIBRATE						
		15.80325		25	P	20140903		PM	INSPS	INSPECTION						
		15.80326		25	P	20140903		PM	INSPS	INSPECTION						
		15.80327		25	P	20140903		PM	INSPS	INSPECT AND CLEAN						
		15.80431		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80432		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80433		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80434		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80435		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80436		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80437		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80438		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80439		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80440		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80441		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80442		25	P	20140903		PM	PM	TEST AND LUBRICATE						
		15.80443		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80444		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80445		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80446		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80447		25	P	20140903		PM	PM	MONTHLY INSPECTION						
		15.80448		25	P	20140903		PM	PM	MONTHLY INSPECTION						
		15.80449		25	P	20140903		PM	PM	INSPECT AND LUBE						
		15.80450		25	P	20140903		PM	PM	CLEAN AND LUBRICATE						
		15.80451		25	P	20140903		PM	PM	CLEAN AND LUBRICATE						
		15.80452		25	P	20140903		PM	PM	CLEAN AND LUBRICATE						
		15.80453		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80454		25	P	20140903		PM	PM	MONTHLY INSPECTION						
		15.80455		25	P	20140903		PM	PM	MONTHLY INSPECTION						
		15.80456		25	P	20140903		PM	PM	INSPECT AND LUBRICATE						
		15.80457		25	P	20140903		PM	PM	INSPECTION.						
		15.80458		25	P	20140903		PM	PM	INSPECTION.						

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14																	
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wk	Craft	Short					
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description					
		Id	Number														
11	PUMPING ST DUNDAL	15.80459			25	P	20140903			PM	PM	INSPECT AND LUBRICATE					
		15.80460			25	P	20140903			PM	PM	INSPECT AND LUBRICATE					
		15.80461			25	P	20140903			PM	PM	INSPECT AND LUBRICATE					
		15.80462			25	P	20140903			PM	PM	INSPECT AND LUBRICATE					
		15.80463			25	P	20140903			PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE					
		15.80464			25	P	20140903			PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE					
		15.80465			25	P	20140903			PM	PM	OBSERVE OPERATION, LUBRICATION					
		15.80466			25	P	20140903			PM	PM	OBSERVE OPERATION, LUBRICATION					
		15.80467			25	P	20140903			PM	PM	MONTHLY INSPECTION					
		15.80468			25	P	20140903			PM	PM	MONTHLY INSPECTION					
		15.80521			25	P	20140903			PM	HA	CLEAN AND LUBRICATE					
		15.80548			30	P	20140903		20140922	PM	MCHPS	INSPECTION					
		15.80549			30	P	20140903		20140918	PM	MCHPS	INSPECTION					
		15.80568			25	P	20140903			PM	ELCPS	INSPECT AND LUBRICATE					
		15.80569			25	P	20140903			PM	ELCPS	INSPECT AND LUBRICATE					
		15.80570			25	P	20140903			PM	ELCPS	INSPECT AND LUBRICATE					
		15.80571			25	P	20140903			PM	ELCPS	LUBRICATE MOTOR					
Total W/O's for Location DUNDAL:																	
COUNT 178																	
EASTER																	
		14.82490			30	P	20140602		20140807	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82491			30	P	20140602		20140806	PM	INSPS	INSPECT/CLEAN/CALIBRATE					
		14.82492			30	P	20140602		20140806	PM	INSPS	INSPECT/CLEAN/CALIBRATE					
		14.82493			30	P	20140602		20140807	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82494			30	P	20140602		20140808	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82495			30	P	20140602		20140808	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82496			30	P	20140602		20140806	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82497			30	P	20140602		20140806	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82498			30	P	20140602		20140806	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82499			30	P	20140602		20140805	PM	INSPS	CLEAN/INSPECT/CALIBRATE					
		14.82500			30	P	20140602		20140805	PM	INSPS	INSPECTION					
		14.82501			30	P	20140602		20140808	PM	INSPS	INSPECTION					
		14.82502			30	P	20140602		20140805	PM	INSPS	CLEAN AND INSPECT					
		14.82573			30	P	20140602		20140806	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO					
		14.82574			30	P	20140602		20140806	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO					
		14.82574			30	P	20140602		20140806	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO					
		14.82575			30	P	20140602		20140806	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO					
		14.82576			30	P	20140602		20140806	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO					
		14.82577			30	P	20140602		20140806	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO					
		14.82578			30	P	20140602		20140806	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO					
		14.82579			30	P	20140602		20140806	PM	PM	INSPECT AND LUBE					
		14.82580			25	P	20140602			PM	PM	INSPECT AND LUBRICATE.					
		14.82581			30	P	20140602		20140806	PM	PM	INSPECT AND LUBRICATE.					
		14.82582			30	P	20140602		20140806	PM	PM	INSPECT AND LUBRICATE.					
		14.82583			30	P	20140602		20140806	PM	PM	INSPECT AND LUBRICATE.					
		14.82584			30	P	20140602		20140806	PM	PM	INSPECT AND LUBRICATE.					
		14.82585			30	P	20140602		20140806	PM	PM	INSPECT AND LUBRICATE.					

PUMPING STATIONS - PM only													**LOCPO MCST QUAD WSTPT ** on 10/23/14												
Co	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wk	Craft	Short	problem													
No	Center	Loc	Id	Suf	Sts	Sts	Date	Date	Typ	Code	Description														
		Number																							
111	PUMPING ST EASTER	14.82631	30	P	20140602	20140807	PM	PM	INSPECT VARIOUS COMPONENTS																
		14.82632	30	P	20140602	20140807	PM	PM	INSPECT VARIOUS COMPONENTS																
		14.82745	25	P	20140602		PM	BLDG	EXTERMINATE LOCKER RM.LOWER LEVEL.																
		14.82746	25	P	20140602		PM	BLDG	COMPUTER PAPER PICK-UP																
		14.82748	25	P	20140602		PM	HA	INSPECT AND CLEAN																
		14.82749	25	P	20140602		PM	HA	INSPECT AND CLEAN																
		14.82750	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82751	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82752	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82753	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82754	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82755	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82756	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82757	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82758	25	P	20140602		PM	HA	CHANGE AIR FILTERS																
		14.82764	30	P	20140602		PM	MCHPS	INSPECTION																
		14.82767	30	P	20140602		PM	MCHPS	INSPECTION																
		14.82776	30	P	20140602		PM	ELCPs	CHANGE MOTOR BEARING OIL																
		14.82777	30	P	20140602		PM	ELCPs	INSPECTION AND LUBRICATION OF MOTOR																
		14.82778	30	P	20140602		PM	ELCPs	CHANGE MOTOR BEARING OIL																
		14.82779	30	P	20140602		PM	ELCPs	INSPECT AND LUBRICATE																
		14.82780	25	P	20140602		PM	ELCPs	INSPECT AND LUBRICATE																
		14.82781	30	P	20140602		PM	ELCPs	INSPECT AND LUBRICATE																
		14.82782	30	P	20140602		PM	ELCPs	INSPECT AND LUBRICATE																
		14.82783	30	P	20140602		PM	ELCPs	INSPECT AND LUBRICATE																
		14.82784	30	P	20140602		PM	ELCPs	CLEAN																
		14.82785	30	P	20140602		PM	ELCPs	CLEAN																
		14.82786	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																
		14.82787	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																
		14.82788	30	P	20140602		PM	ELCPs	ANNUAL PANEL INSPECT.																
		14.82788	30	P	20140602		PM	ELCPs	ANNUAL PANEL INSPECT.																
		14.82789	30	P	20140602		PM	ELCPs	ANNUAL PANEL INSPECT.																
14.82789	30	P	20140602		PM	ELCPs	ANNUAL PANEL INSPECT.																		
14.82790	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82790	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82791	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82791	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82792	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82792	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82793	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82794	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82794	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82795	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82795	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82796	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82796	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		
14.82797	30	P	20140602		PM	ELCPs	CLEAN AND INSPECT																		

Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wk	Craft	Short
No	Center	Loc	WO	Suf	Sts			Date		Type	Code	problem
		Id	Number									Description
11	PUMPING ST EASTER	14.82797	30	P	20140602	20140711	PM	ELCPS	CLEAN AND INSPECT			
		14.82798	30	P	20140602	20140711	PM	ELCPS	CLEAN AND INSPECT			
		14.82798	30	P	20140602	20140711	PM	ELCPS	CLEAN AND INSPECT			
		14.82799	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82799	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82800	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82800	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82801	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82801	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82802	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82802	30	P	20140602	20140710	PM	ELCPS	CLEAN AND INSPECT			
		14.82803	30	P	20140602	20140709	PM	ELCPS	CLEAN AND INSPECT			
		14.82803	30	P	20140602	20140709	PM	ELCPS	CLEAN AND INSPECT			
		14.82804	30	P	20140602	20140711	PM	ELCPS	INSPECT AND CLEAN			
		14.82805	30	P	20140602	20140929	PM	ELCPS	CHECK VARIOUS UNITS			
		14.82806	30	P	20140602	20140929	PM	ELCPS	CHECK VARIOUS UNITS			
		14.82807	30	P	20140602	20140711	PM	ELCPS	INSPECT AND LUBRICATE SCREEN RM TROLLEY			
		14.82808	30	P	20140602	20140929	PM	ELCPS	CLEAN AND INSPECT			
		15.80035	25	P	20140804		PM	BLDG	EXTERMINATE LOCKER RM. LOWER LEVEL.			
		15.80036	25	P	20140804		PM	BLDG	COMPUTER PAPER PICK-UP			
		15.80041	25	P	20140804		PM		INSPECT AND LUBRICATE.			
		15.80042	25	P	20140804		PM		INSPECT AND LUBRICATE.			
		15.80043	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80044	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80045	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80046	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80047	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80048	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80049	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80050	25	P	20140804		PM		INSPECT AND LUBRICATE.			
		15.80051	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80052	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80054	25	P	20140804		PM		INSPECT AND LUBRICATE.			
		15.80055	30	P	20140804	20140814	PM		INSPECT AND LUBRICATE.			
		15.80056	25	P	20140804		PM		CHANGE OIL AND FILTER.			
		15.80057	30	P	20140804	20140814	PM		INSPECT AND LUBE			
		15.80103	30	P	20140804	20140808	PM	INSPS	INSPECT/CLEAN/CALIBRT			
		15.80104	30	P	20140804	20140808	PM	INSPS	INSPECTION			
		15.80105	30	P	20140804	20140808	PM	INSPS	INSPECTION			
		15.80165	25	P	20140804		PM	ELCPS	INSPECT AND CLEAN			
		15.80166	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE			
		15.80167	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE			
		15.80168	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE			
		15.80169	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE			
		15.80170	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE			
		15.80171	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE			
		15.80172	25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE			
		15.80173	25	P	20140804		PM	ELCPS	CLEAN AND INSPECT			

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Total Issued W/O's
jul. 01, '14 - sep. 30, '14
PUMPING STATIONS - PM only

Mike/Keith Locations: WOCMPMSAL
 ***BRKLYN DUNDAL EASTER JF** as of 13:47:31
 ***LOCPO MCST QUAD WSTPT ** on 10/23/14

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PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14												
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description
		Id	Number									
11	PUMPING ST EASTER	15.80173	25	P	20140804	PM	ELCPS	CLEAN AND INSPECT				
		15.80174	25	P	20140804	PM	ELCPS	CLEAN AND INSPECT				
		15.80174	25	P	20140804	PM	ELCPS	CLEAN AND INSPECT				
		15.80269	25	P	20140804	PM	HA	INSPECT AND CLEAN				
		15.80270	25	P	20140804	PM	HA	INSPECT AND CLEAN				
		15.80271	25	P	20140804	PM	HA	INSPECT AND CLEAN				
		15.80272	25	P	20140804	PM	HA	INSPECT AND CLEAN				
		15.80273	25	P	20140804	PM	HA	INSPECT AND CLEAN				
		15.80274	25	P	20140804	PM	HA	INSPECT AND CLEAN				
		15.80275	25	P	20140804	PM	HA	INSPECT AND CLEAN				
		15.80276	25	P	20140804	PM	HA	INSPECT & CLEAN FILTERS (MUSEUM)				
		15.80278	30	P	20140804	PM	MCHPS	INSPECTION				
		15.80279	30	P	20140804	PM	MCHPS	CLEAN VACUUM LINES #1 THRU #6 PUMPS				
		15.80280	30	P	20140804	PM	MCHPS	INSPECTION				
		15.80281	30	P	20140804	PM	MCHPS	INSPECTION				
		15.80282	25	P	20140804	PM	MCHPS	INSPECTION				
		15.80283	30	P	20140804	PM	MCHPS	INSPECTION				
		15.80284	30	P	20140804	PM	MCHPS	INSPECTION				
		15.80303	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80304	30	P	20140903	PM	INSPS	INSPECT/CLEAN/CALIBRATE				
		15.80305	30	P	20140903	PM	INSPS	INSPECT/CLEAN/CALIBRATE				
		15.80306	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80307	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80308	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80309	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80310	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80311	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80312	30	P	20140903	PM	INSPS	CLEAN/INSPECT/CALIBRATE				
		15.80313	30	P	20140903	PM	INSPS	INSPECTION				
		15.80314	30	P	20140903	PM	INSPS	INSPECTION				
		15.80315	30	P	20140903	PM	INSPS	CLEAN AND INSPECT				
		15.80350	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO				
		15.80351	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO				
		15.80352	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO				
		15.80353	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO				
		15.80354	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO				
		15.80355	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO				
		15.80356	25	P	20140903	PM	PM	INSPECT AND LUBE				
		15.80357	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80358	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80359	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80360	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80361	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80362	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80363	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80364	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80365	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				
		15.80366	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.				

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Total Issued W/O's
Jul. 01, '14 -- Sep. 30, '14
PUMPING STATIONS - PM only

Mike/Keith Locations: WOCMPMSAL
 ***BRKLYN DUNDAL EASTER JF** as of 13:47:31
 ***LOCPO MCST QUAD WSTPT ** on 10/23/14

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PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14													
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	WO	Wrk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date			Typ	Code	Description
		Id	Number										
11	PUMPING ST EASTER	15.80367	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.					
		15.80369	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.					
		15.80370	25	P	20140903	PM	PM	INSPECT AND LUBRICATE.					
		15.80371	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80371	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80372	25	P	20140903	PM	PM	OIL CHANGE					
		15.80373	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80373	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80374	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80374	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80375	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80375	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80376	25	P	20140903	PM	PM	CHECK VARIOUS COMPONENTS					
		15.80377	25	P	20140903	PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS					
		15.80378	25	P	20140903	PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS					
		15.80379	25	P	20140903	PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS					
		15.80380	25	P	20140903	PM	PM	LUBRICATION AND CHECKS					
		15.80381	25	P	20140903	PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)					
		15.80382	25	P	20140903	PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)					
		15.80382	25	P	20140903	PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)					
		15.80383	25	P	20140903	PM	PM	LUBRICATION AND CHECKS					
		15.80383	25	P	20140903	PM	PM	LUBRICATION AND CHECKS					
		15.80384	25	P	20140903	PM	PM	CHECK GATE AND LUBRICATE					
		15.80385	25	P	20140903	PM	PM	CHECK GATE AND LUBRICATE					
		15.80386	25	P	20140903	PM	PM	CHECK GATE AND LUBRICATE					
		15.80387	25	P	20140903	PM	PM	CHECK GATE AND LUBRICATE					
		15.80388	25	P	20140903	PM	PM	CLEAN AND LUBRICATE					
		15.80389	25	P	20140903	PM	PM	CLEAN AND LUBRICATE					
		15.80390	25	P	20140903	PM	PM	CLEAN AND LUBRICATE					
		15.80391	25	P	20140903	PM	PM	CLEAN AND LUBRICATE					
		15.80392	25	P	20140903	PM	PM	CHECK VARIOUS UNITS					
		15.80393	25	P	20140903	PM	PM	CHECK VARIOUS UNITS					
		15.80394	25	P	20140903	PM	PM	CHECK VARIOUS UNITS					
		15.80395	25	P	20140903	PM	PM	INSPECTION					
		15.80396	25	P	20140903	PM	PM	INSPECTION					
		15.80397	25	P	20140903	PM	PM	CHANGE OIL AND FILTER.					
		15.80398	25	P	20140903	PM	PM	CHANGE OIL AND FILTER.					
		15.80399	25	P	20140903	PM	PM	INSPECT NORMAL OPERATION					
		15.80400	25	P	20140903	PM	PM	INSPECT NORMAL OPERATION					
		15.80401	25	P	20140903	PM	PM	INSPECT NORMAL OPERATION					
		15.80402	25	P	20140903	PM	PM	INSPECT NORMAL OPERATION					
		15.80403	25	P	20140903	PM	PM	INSPECT NORMAL OPERATION					
		15.80404	25	P	20140903	PM	PM	INSPECT VARIOUS COMPONENTS					
		15.80405	25	P	20140903	PM	PM	INSPECT VARIOUS COMPONENTS					
		15.80406	25	P	20140903	PM	PM	INSPECT VARIOUS COMPONENTS					
		15.80406	25	P	20140903	PM	PM	INSPECT VARIOUS COMPONENTS					
		15.80407	25	P	20140903	PM	PM	CHECK OPERATION AND LUBRICATE					
		15.80508	25	P	20140903	PM	HA	INSPECT & CLEAN UNIT					

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14													AS OF 13:47:31												
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wk	Craft	Short problem													
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description													
		Id	Number																						
11	PUMPING ST EASTER	15.80509	25	P	20140903	PM	HA	INSPECT AND CLEAN																	
		15.80510	25	P	20140903	PM	HA	INSPECT AND CLEAN																	
		15.80511	25	P	20140903	PM	HA	INSPECT AND CLEAN																	
		15.80512	25	P	20140903	PM	HA	INSPECT AND CLEAN																	
		15.80513	25	P	20140903	PM	HA	INSPECT AND CLEAN																	
		15.80525	25	P	20140903	PM	BLDG	EXTERMINATE LOCKER RM. LOWER LEVEL.																	
		15.80526	25	P	20140903	PM	BLDG	COMPUTER PAPER PICK-UP																	
		15.80557	25	P	20140903	PM	ELCPS	INSPECT AND LUBRICATE																	
		15.80558	25	P	20140903	PM	ELCPS	INSPECT AND LUBRICATE																	
		15.80559	25	P	20140903	PM	ELCPS	INSPECT AND LUBRICATE																	
		15.80560	25	P	20140903	PM	ELCPS	INSPECT AND LUBRICATE																	
		15.80561	25	P	20140903	PM	ELCPS	INSPECT AND LUBRICATE																	
		15.80562	25	P	20140903	PM	ELCPS	INSPECT AND LUBRICATE																	
Total W/O's for Location EASTER:																									
COUNT 280																									
JF	14.82503	30	P	20140602	20140707	PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82504	30	P	20140602	20140707	PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82505	30	P	20140602	20140707	PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82506	30	P	20140602	20140707	PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82507	25	P	20140602		PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82508	30	P	20140602	20140708	PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82509	30	P	20140602	20140708	PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82510	30	P	20140602	20140710	PM	INSPS	INSPECTION																	
	14.82511	30	P	20140602	20140710	PM	INSPS	CLEAN/INSPECT/CALIBRATE																	
	14.82512	30	P	20140602	20140711	PM	INSPS	INSPECTION																	
	14.82513	30	P	20140602	20140711	PM	INSPS	CLEAN AND INSPECT																	
	14.82633	25	P	20140602		PM	PM	LUBRICATION AND CHECKS																	
	14.82634	25	P	20140602		PM	PM	LUBRICATION AND CHECKS																	
	14.82635	25	P	20140602		PM	PM	MONTHLY CHECKS																	
	14.82636	25	P	20140602		PM	PM	CHECK OPERATION																	
	14.82637	25	P	20140602		PM	PM	INSPECTION																	
	14.82772	30	P	20140602	20140804	PM	ELCPS	ANNUAL INSPECTION AND CLEANING																	
	14.82773	30	P	20140602	20140804	PM	ELCPS	ANNUAL INSPECTION AND CLEANING																	
	14.82774	30	P	20140602	20140804	PM	ELCPS	ANNUAL INSPECTION AND CLEANING																	
	14.82809	30	P	20140602	20140806	PM	ELCPS	CHECK, BATTERIES& LIGHT																	
	14.82809	30	P	20140602	20140806	PM	ELEC	CHECK, BATTERIES& LIGHT																	
	14.82810	30	P	20140602	20140806	PM	ELCPS	INSPECT AND LUBRICATE																	
	14.82811	30	P	20140602	20140806	PM	ELCPS	INSPECT AND LUBRICATE																	
	14.82812	30	P	20140602	20140807	PM	ELCPS	INSPECT AND LUBRICATE																	
	14.82813	30	P	20140602	20140807	PM	ELCPS	INSPECT AND LUBRICATE																	
	14.82814	30	P	20140602	20140807	PM	ELCPS	INSPECT AND LUBRICATE																	
	14.82815	30	P	20140602	20140807	PM	ELCPS	INSPECT AND LUBRICATE																	
	14.82816	30	P	20140602	20140808	PM	ELCPS	INSPECT AND LUBRICATE.																	
	14.82816	30	P	20140602	20140808	PM	PM	INSPECT AND LUBRICATE.																	
	14.82817	25	P	20140602		PM	ELCPS	CHECK OPERATION/INSPECTION																	
	14.82818	30	P	20140602	20140804	PM	ELCPS	CHECK VARIOUS UNITS																	

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14												
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description
		Id	Number									
11	PUMPING ST JF		14.82819		30	P	20140602	20140806	PM	ELCPS	CHECK VARIOUS UNITS	
			14.82820		25	P	20140602		PM	ELCPS	CHECK VARIOUS UNITS	
			14.82821		25	P	20140602		PM	ELCPS	CHECK VARIOUS UNITS	
			14.82822		25	P	20140602		PM	ELCPS	CHECK VARIOUS UNITS	
			14.82823		30	P	20140602	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			14.82824		30	P	20140602	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			14.82825		30	P	20140602	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			14.82826		25	P	20140602		PM	ELCPS	INSPECT AND LUBRICATE	
			14.82827		30	P	20140602	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			14.82828		30	P	20140602	20140804	PM	ELCPS	INSPECT AND LUBRICATE	
			14.82829		25	P	20140602		PM	ELCPS	INSPECT AND LUBRICATE	
			14.82830		25	P	20140602		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80058		25	P	20140804		PM	PM	INSPECTION.	
			15.80059		25	P	20140804		PM	PM	CHANGE OIL (REDUCER)	
			15.80060		25	P	20140804		PM	PM	CHANGE OIL (REDUCER)	
			15.80061		25	P	20140804		PM	PM	CLEAN, LUBRICATE	
			15.80062		25	P	20140804		PM	PM	INSPECT AND LUBRICATE CRANE	
			15.80063		25	P	20140804		PM	PM	INSPECT AND LUBE CRANE	
			15.80064		25	P	20140804		PM	PM	INSPECTION	
			15.80065		25	P	20140804		PM	PM	INSPECTION	
			15.80066		25	P	20140804		PM	PM	INSPECTION	
			15.80067		25	P	20140804		PM	PM	INSPECTION	
			15.80106		30	P	20140804	20140821	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80107		30	P	20140804	20140821	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80108		30	P	20140804	20140820	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80109		30	P	20140804	20140820	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80110		25	P	20140804		PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80111		30	P	20140804	20140820	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80112		30	P	20140804	20140820	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80113		30	P	20140804	20140822	PM	INSPS	INSPECTION	
			15.80114		30	P	20140804	20140822	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80115		30	P	20140804	20140822	PM	INSPS	INSPECTION	
			15.80116		30	P	20140804	20140821	PM	INSPS	CLEAN AND INSPECT	
			15.80175		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80176		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80177		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80178		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80179		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80180		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80181		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80182		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80183		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80184		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80185		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80186		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80187		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80188		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80189		25	P	20140804		PM	ELCPS	INSPECT AND LUBRICATE	

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14												
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description
		Id	Number									
11	PUMPING ST JF		15.80190		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80191		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80192		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80193		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80194		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80195		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80196		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80197		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80198		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80199		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80200		25	P	20140804			PM	ELCPS	INSPECT AND CLEAN
			15.80201		25	P	20140804			PM	ELCPS	INSPECT AND CLEAN
			15.80202		25	P	20140804			PM	ELCPS	INSPECT AND CLEAN
			15.80316		25	P	20140903			PM	INSPS	CLEAN/INSPECT/CALIBRATE
			15.80408		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80409		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80410		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80411		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80412		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80413		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80414		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80415		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80416		25	P	20140903			PM	PM	LUBRICATE GEAR CASE (18 MONTHS)
			15.80514		25	P	20140903			PM	HA	INSPECTION.
			15.80515		25	P	20140903			PM	HA	INSPECTION
			15.80516		25	P	20140903			PM	HA	INSPECT AND CLEAN
			15.80517		25	P	20140903			PM	HA	INSPECT AND CLEAN
			15.80518		25	P	20140903			PM	HA	ANNUAL INSPECTION
			15.80519		25	P	20140903			PM	HA	INSPECT V-BELT
			15.80542		30	P	20140903		20140926	PM	MCHPS	INSPECTION
			15.80543		30	P	20140903		20140922	PM	MCHPS	INSPECTION
			15.80544		30	P	20140903		20140923	PM	MCHPS	INSPECTION
			15.80545		30	P	20140903		20140923	PM	MCHPS	INSPECTION
			15.80546		30	P	20140903		20140922	PM	MCHPS	INSPECTION
Total W/O's for Location JF:												
COUNT 113												
LOCPO 14.82557 30 P 20140602 20140811 PM INSPS CLEAN/INSPECT/CALIBRATE												
14.82558 30 P 20140602 20140815 PM INSPS CLEAN/INSPECT/CALIBRATE												
14.82559 30 P 20140602 20140811 PM INSPS CLEAN/INSPECT/CALIBRATE												
14.82561 30 P 20140602 20140812 PM INSPS INSPECTION												
14.82562 30 P 20140602 20140812 PM INSPS INSPECTION												
14.82563 30 P 20140602 20140815 PM INSPS INSPECT AND CLEAN												
14.82871 30 P 20140602 20140722 PM ELCPS CLEAN AND INSPECT												
14.82875 30 P 20140602 20140722 PM ELCPS CHECK OPERATING CONDITIONS, BATTERY CHE												
14.82876 30 P 20140602 20140722 PM ELCPS CHECK OPERATING CONDITIONS, BATTERY CHE												
14.82877 30 P 20140602 20140722 PM ELCPS CHECK OPERATING CONDITIONS, BATTERY CHE												

PUMPING STATIONS - PM only

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14												
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wk	Craft	Short
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description
		Id	Number									
11	PUMPING ST	LOCPO	15.80094		25	P	20140804			PM	PM	CLEAN FILTER, INSPECT
			15.80095		25	P	20140804			PM	PM	CHECK OPERATION
			15.80096		25	P	20140804			PM	PM	TESTING AND LUBRICATION
			15.80097		25	P	20140804			PM	PM	TESTING AND LUBRICATION
			15.80098		25	P	20140804			PM	PM	TESTING AND LUBRICATION
			15.80099		25	P	20140804			PM	PM	TESTING AND LUBRICATION
			15.80100		25	P	20140804			PM	PM	TESTING AND LUBRICATION
			15.80101		25	P	20140804			PM	PM	INSPECT AND LUBRICATE
			15.80102		25	P	20140804			PM	PM	INSPECT AND LUBRICATE
			15.80250		25	P	20140804			PM	ELEC	CHECK, BATTERIES& LIGHT
			15.80251		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80252		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80257		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80258		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE
			15.80259		25	P	20140804			PM	ELCPS	INSPECTION
			15.80260		25	P	20140804			PM	ELCPS	CLEAN AND INSPECT
			15.80261		25	P	20140804			PM	ELCPS	CLEAN AND INSPECT
			15.80262		30	P	20140804	20140805		PM	ELCPS	CLEAN AND INSPECT
			15.80262		30	P	20140804	20140805		PM	MCHPS	CLEAN AND INSPECT
			15.80262		30	P	20140804	20140805		PM	ELCPS	CLEAN AND INSPECT
			15.80262		30	P	20140804	20140805		PM	MCHPS	CLEAN AND INSPECT
15.80263		25	P	20140804			PM	ELCPS	CLEAN AND INSPECT			
15.80263		25	P	20140804			PM	ELCPS	CLEAN AND INSPECT			
15.80343		30	P	20140903	20141002		PM	INSPS	CLEAN/INSPECT/CALIBRATE			
15.80344		30	P	20140903	20141002		PM	INSPS	CLEAN/INSPECT/CALIBRATE			
15.80505		25	P	20140903			PM	PM	INSPECT AND LUBRICATE			
15.80506		25	P	20140903			PM	PM	INSPECT AND LUBRICATE			
15.80552		30	P	20140903	20140926		PM	MCHPS	INSPECTION			
15.80587		25	P	20140903			PM	ELCPS	CLEAN AND LUBRICATE			
15.80588		25	P	20140903			PM	ELCPS	INSPECTION			
15.80589		25	P	20140903			PM	ELCPS	CHECK OPERATION/INSPECTION			
15.80590		25	P	20140903			PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE			
15.80591		25	P	20140903			PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE			
15.80592		25	P	20140903			PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE			
Total W/O's for Location LOCPO:												
COUNT 44												
MCST												
			14.82736		25	P	20140602			PM	PM	INSPECT AND LUBRICATE
			14.82737		25	P	20140602			PM	PM	INSPECT AND LUBRICATE
			14.82738		25	P	20140602			PM	PM	CLEAN FILTER, INSPECTION
			14.82739		25	P	20140602			PM	PM	CLEAN FILTER, INSPECTION
			14.82740		25	P	20140602			PM	PM	INSPECTION
			14.82740		25	P	20140602			PM	PM	INSPECTION
			14.82741		25	P	20140602			PM	PM	CHECK OPERATION
			14.82742		25	P	20140602			PM	PM	CHECK OPERATION
			14.82743		25	P	20140602			PM	PM	INSPECT AND LUBRICATE
			14.82870		25	P	20140602			PM	ELCPS	CLEAN AND INSPECT

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14															
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem			
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description			
		Id	Number												
11	PUMPING ST	MCST	15.80091		25	P	20140804			PM	PM	CHECK AND LUBE			
			15.80092		25	P	20140804			PM	PM	CHECK AND LUBE			
			15.80093		25	P	20140804			PM	PM	INSPECT AND LUBRICATE			
			15.80154		30	P	20140804	20140904			PM	INSPS	INSPECT AND CALIBRATE		
			15.80155		30	P	20140804	20140904			PM	INSPS	INSPECT AND CALIBRATE		
			15.80156		30	P	20140804	20140904			PM	INSPS	INSPECT AND CALIBRATE		
			15.80157		30	P	20140804	20140905			PM	INSPS	INSPECT AND CALIBRATE		
			15.80158		30	P	20140804	20140905			PM	INSPS	INSPECT AND CALIBRATE		
			15.80159		30	P	20140804	20140905			PM	INSPS	INSPECT AND CALIBRATE		
			15.80247		25	P	20140804	20141007			PM	ELCPS	CLEAN AND LUBRICATE		
			15.80248		25	P	20140804	20141007			PM	ELCPS	CLEAN AND LUBRICATE		
			15.80249		25	P	20140804	20141007			PM	ELCPS	CLEAN AND LUBRICATE		
			Total W/O's for Location MCST:												
			COUNT 22												
			QUAD			14.82514		30	P	20140602	20140613		PM	INSPS	CLEAN AND INSPECT
						14.82515		30	P	20140602	20140616		PM	INSPS	CLEAN/INSPECT/CALIBRATE RECORDER
						14.82516		30	P	20140602	20140613		PM	INSPS	CLEAN/INSPECT/CALIBRATE
						14.82517		25	P	20140602			PM	INSPS	INSPECT AND CALIBRATE
14.82518		25				P	20140602			PM	INSPS	INSPECT AND CALIBRATE			
14.82519		25				P	20140602			PM	INSPS	INSPECT AND CALIBRATE			
14.82520		25				P	20140602			PM	INSPS	INSPECTION			
14.82638		30				P	20140602	20140804		PM	PM	INSPECT AND LUBRICATE			
14.82639		30				P	20140602	20140804		PM	PM	INSPECT, CLEAN FILTER, CHECK OIL			
14.82640		30				P	20140602	20140804		PM	PM	ENG.TUNE-UP,OIL CHANGESYSTEM CHECK			
14.82641		30				P	20140602	20140804		PM	PM	LUBRICATE PUMP			
14.82831		30				P	20140602	20140703		PM	ELCPS	CHECK OPERATING CONDITION, BATTERY			
15.80068		25				P	20140804			PM	PM	CHANGE OIL			
15.80069		25				P	20140804			PM	PM	INSPECT, LUBRICATE CABLES, OIL CHECK			
15.80117		30				P	20140804	20140828		PM	INSPS	CLEAN AND INSPECT			
15.80118		30				P	20140804	20140828		PM	INSPS	CLEAN/INSPECT/CALIBRATE RECORDER			
15.80119		30				P	20140804	20140828		PM	INSPS	CLEAN/INSPECT/CALIBRATE			
15.80120		25				P	20140804			PM	INSPS	INSPECT AND CALIBRATE			
15.80121		25	P	20140804			PM	INSPS	INSPECT AND CALIBRATE						
15.80122		25	P	20140804			PM	INSPS	INSPECT AND CALIBRATE						
15.80123		25	P	20140804			PM	INSPS	INSPECTION						
15.80203		25	P	20140804			PM	ELCPS	CHECK OPERATING CONDITION, BATTERY						
15.80204		25	P	20140804			PM	ELCPS	INSPECT AND LUBRICATE						
15.80205		25	P	20140804			PM	ELCPS	CLEAN, INSPECT CONNECTIONS						
15.80317		25	P	20140903			PM	INSPS	INSPECT AND CALIBRATE						
15.80318		25	P	20140903			PM	INSPS	INSPECT AND CALIBRATE						
15.80319		25	P	20140903			PM	INSPS	INSPECT AND CALIBRATE						
15.80320		25	P	20140903			PM	INSPS	INSPECTION						
15.80417		25	P	20140903			PM	PM	TEST AND LUBRICATE						
15.80418		25	P	20140903			PM	PM	TEST AND LUBRICATE						
15.80419		25	P	20140903			PM	PM	TEST AND LUBRICATE						
15.80420		25	P	20140903			PM	PM	TEST AND LUBRICATE						

Jul. 01, '14 - sep. 30, '14
PUMPING STATIONS - PM only

BRKLYN DUNDAL EASTER JF as of 13:47:31
**LOCPO MCST QUAD WSTPT ** on 10/23/14

Co	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem
No	Center	Loc	Id	WO	Suf	Sts	Date	Cmplt	Type	Code	Description
								Date			
11	PUMPING ST QUAD	15.80421	25	P	20140903	PM	PM	PM	PM	PM	TEST AND LUBRICATE
		15.80422	25	P	20140903	PM	PM	PM	PM	PM	TEST AND LUBRICATE
		15.80423	25	P	20140903	PM	PM	PM	PM	PM	INSPECT AND LUBRICATE
		15.80424	25	P	20140903	PM	PM	PM	PM	PM	INSPECT, LUBRICATE, EXERCISE
		15.80425	25	P	20140903	PM	PM	PM	PM	PM	INSPECT, LUBRICATE, EXERCISE
		15.80426	25	P	20140903	PM	PM	PM	PM	PM	INSPECT, LUBRICATE, EXERCISE
		15.80427	25	P	20140903	PM	PM	PM	PM	PM	INSPECT, CLEAN FILTER, CHECK OIL
		15.80427	25	P	20140903	PM	PM	PM	PM	PM	INSPECT, CLEAN FILTER, CHECK OIL
		15.80428	25	P	20140903	PM	PM	PM	PM	PM	CLEAN STRAINER, INSPECT
		15.80429	25	P	20140903	PM	PM	PM	PM	PM	CHECK FOR WATER.
		15.80430	25	P	20140903	PM	PM	PM	PM	PM	LUBRICATE PUMP
		15.80520	25	P	20140903	PM	HA	PM	HA	PM	INSPECTION
		15.80547	30	P	20140903	20140923	PM	MCHPS	PM	PM	INSPECTION
		15.80563	25	P	20140903	PM	ELCPS	PM	ELCPS	PM	INSPECT AND LUBRICATE
		15.80564	25	P	20140903	PM	ELCPS	PM	ELCPS	PM	INSPECT AND LUBRICATE
		15.80565	25	P	20140903	PM	ELCPS	PM	ELCPS	PM	INSPECT AND LUBRICATE
		15.80566	25	P	20140903	PM	ELCPS	PM	ELCPS	PM	CHECK OPERATION/INSPECTION
		15.80567	25	P	20140903	PM	ELCPS	PM	ELCPS	PM	INSPECT AND LUBRICATE
Total W/O's for Location QUAD:											
COUNT 50											
WSTPT	14.82550	30	P	20140602	20140626	PM	INSPS	CLEAN/INSPECT/CALIBRATE	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.82551	30	P	20140602	20140626	PM	INSPS	CLEAN/INSPECT/CALIBRATE	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.82552	30	P	20140602	20140627	PM	INSPS	CLEAN/INSPECT/CALIBRATE	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.82553	30	P	20140602	20140624	PM	INSPS	CLEAN/INSPECT/CALIBRATE	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.82554	30	P	20140602	20140624	PM	INSPS	INSPECT AND CALIBRATE	PM	INSPS	INSPECT AND CALIBRATE
	14.82555	25	P	20140602		PM	INSPS	INSPECTION	PM	INSPS	INSPECTION
	14.82556	30	P	20140602	20140623	PM	INSPS	INSPECTION	PM	INSPS	INSPECTION
	14.82718	30	P	20140602	20141002	PM	PM	CHECK VARIOUS COMPONENTS	PM	PM	CHECK VARIOUS COMPONENTS
	14.82719	30	P	20140602	20141002	PM	PM	CHECK VARIOUS COMPONENTS	PM	PM	CHECK VARIOUS COMPONENTS
	14.82720	30	P	20140602	20141002	PM	PM	CHECK VARIOUS COMPONENTS	PM	PM	CHECK VARIOUS COMPONENTS
	14.82721	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82722	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82723	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82724	30	P	20140602	20141002	PM	PM	LUBRICATION	PM	PM	LUBRICATION
	14.82725	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82726	30	P	20140602	20141002	PM	PM	CHECK VARIOUS UNITS	PM	PM	CHECK VARIOUS UNITS
	14.82727	30	P	20140602	20141002	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
	14.82728	30	P	20140602	20141002	PM	PM	INSPECT NORMAL OPERATION	PM	PM	INSPECT NORMAL OPERATION
	14.82729	30	P	20140602	20141002	PM	PM	INSPECT NORMAL OPERATION	PM	PM	INSPECT NORMAL OPERATION
	14.82730	30	P	20140602	20141002	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
	14.82731	30	P	20140602	20141002	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
	14.82732	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82733	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82734	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82735	30	P	20140602	20141002	PM	PM	INSPECT AND LUBRICATE	PM	PM	INSPECT AND LUBRICATE
	14.82867	25	P	20140602		PM	ELCPS	CLEAN AND INSPECT	PM	ELCPS	CLEAN AND INSPECT

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/23/14												
Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wkst	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date		Typ	Code	Description
		Id	Number									
11	PUMPING ST	WSTPT	14.82868		30	P	20140602	20140703	PM	ELCPS	INSPECTION	
			14.82869		30	P	20140602	20140703	PM	ELCPS	INSPECTION	
			15.80085		25	P	20140804		PM	PM	ENG.TUNE-UP,OIL CHANGESYSTEM CHECK	
			15.80086		25	P	20140804		PM	PM	CLEAN, LUBRICATE	
			15.80087		25	P	20140804		PM	PM	CLEAN, LUBRICATE	
			15.80088		25	P	20140804		PM	PM	CLEAN, LUBRICATE	
			15.80089		25	P	20140804		PM	PM	CLEAN, LUBRICATE	
			15.80090		25	P	20140804		PM	PM	CLEAN, LUBRICATE	
			15.80147		30	P	20140804	20140828	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80148		30	P	20140804	20140818	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80149		30	P	20140804	20140818	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80150		30	P	20140804	20140821	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			15.80151		30	P	20140804	20140821	PM	INSPS	INSPECT AND CALIBRATE	
			15.80152		25	P	20140804		PM	INSPS	INSPECTION	
			15.80153		30	P	20140804	20140821	PM	INSPS	INSPECTION	
			15.80238		25	P	20140804	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			15.80239		25	P	20140804	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			15.80240		25	P	20140804	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			15.80241		25	P	20140804	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			15.80242		25	P	20140804	20141006	PM	ELCPS	INSPECTION	
			15.80243		25	P	20140804	20141006	PM	ELCPS	INSPECT AND LUBRICATE	
			15.80244		25	P	20140804	20141007	PM	ELCPS	INSPECT AND LUBRICATE	
			15.80245		25	P	20140804	20141007	PM	ELCPS	CLEAN AND INSPECT	
			15.80246		25	P	20140804	20141007	PM	ELCPS	INSPECT AND LUBRICATE	
			15.80342		25	P	20140903		PM	INSPS	INSPECTION	
			15.80504		30	P	20140903	20141003	PM	PM	INSPECT & LUBRICATE	
			15.80551		30	P	20140903	20140929	PM	MCHPS	INSPECTION	
			15.80576		25	P	20140903		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80577		25	P	20140903		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80578		25	P	20140903		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80579		25	P	20140903		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80580		25	P	20140903		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80581		25	P	20140903		PM	ELCPS	CHECK OPERATION/INSPECTION	
			15.80582		25	P	20140903		PM	ELCPS	INSPECT AND LUBRICATE	
			15.80583		25	P	20140903		PM	ELCPS	INSPECT AND LUBRICATE	
Total W/O's for Location WSTPT:												
COUNT 61												
Total W/O's for Cost Center PUMPING ST:												
COUNT 871												
Totals for Company 11:												
COUNT 871												

Pumping Station										JF LOCPD MCST QUAD HSTPT									
Co.	Area	Loc.	W/O Number	Machine Number	Machine Description	W/O	Sts	Prt'y Code	Full Problem	Craft	MO	MO	MO	MO	MO	MO	MO	MO	MO
No.										Req. By	Code	Omplt Date	Issue Date	Class					
11 PUMPING ST EASTER																			
13.81883			1	917302	CRANE, MONORAIL (5 TON)	30	3D	3D	notified) Sullivan 6-4972	US	ELCPS	20140930	20130313						
13.81883			2	917302	CRANE, MONORAIL (5 TON)	30	3D	3D	notified) Sullivan 6-4972	US	MCHPS	20140930	20130313						
14.80010			2	915512	FAN, EXHAUST	30	3D	3D	stielperc 64972	CS	ELCPS	20140915	20130717						
14.80010			2	915512	FAN, EXHAUST	30	3D	3D	stielperc 64972	CS	HA	20140915	20130717						
14.80010			2	915512	FAN, EXHAUST	30	3D	3D	stielperc 64972	CS	ELC	20140915	20130717						
14.80011			1	915511	FAN, EXHAUST	30	3D	3D	stielperc 64972	CS	ELCPS	20140912	20130717						
14.80787				913102	SCREEN, BAR (SOUTH)	30	3D	3D	L Amasia 6-9738 att Dennis Cooper	LMA	MCHFB	20140924	20130905						
14.80974			1	916026	MOTOR, #2 GENERATOR FUEL (P	30	3D	3D	alarm on unit stielperc 64972	CS	ELCPS	20140930	20131009						
14.80974			2	916026	MOTOR, #2 GENERATOR FUEL (P	30	3D	3D	alarm on unit stielperc 64972	CS	MCHPS	20140930	20131009						
14.81254			2	911102	PUMP, SEWAGE #2	30	4	4	for test stielperc c 64972	CS	MCHPS	20140926	20131219						
14.81691			2	917302	CRANE, MONORAIL (5 TON)	30	3D	3D	FITTING FOR PENDENT.	CS	MCHPS	20140723	20140116						
14.81691			1	917302	CRANE, MONORAIL (5 TON)	30	3D	3D	FITTING FOR PENDENT.	CS	ELCPS	20140723	20140116						
14.82193				911000	FACILITY, EASTERN AVENUE	30	4	4	{grey} 64972	CS	BLDG	20140915	20140313						
14.82199				912601	PUMP, SEAL WATER #1	30	4	4	stielperc 65194	CS	MCHPS	20140930	20140319						
14.82210			2	912103	VALVE, CONE #8 PUMP	30	3D	3D	stan stielperc 64972	CS	MCHPS	20140930	20140325						
14.82414				911106	PUMP, STANDBY SEWAGE	30	4	4	wont start} stielperc 64972	CS	MCHPS	20140701	20140408						
14.82428				915101	BOILER #1	30	4	4	stielperc 64972	CS	PENG	20140729	20140421						
14.82894				911000	FACILITY, EASTERN AVENUE	30	4	4	{white} stielperc 64972	CS	BLDG	20140718	20140611						
14.82895				911000	FACILITY, EASTERN AVENUE	30	4	4	walk {grey} 64972	CS	BLDG	20140718	20140611						
14.82907				911000	FACILITY, EASTERN AVENUE	30	3D	3D	stielperc 64972	CS	BLDG	20140804	20140618						
14.82910				912602	PUMP, SEAL WATER #2	30	4	4	STILL PUMP 64972	CS	MCHPS	20140930	20140623						
14.82917				913102	SCREEN, BAR (SOUTH)	30	4	4	BY W.HOOKS 69701	WH	MCHFB	20140702	20140625						
14.82922				914444	BARSCREENS BUBBLER	30	4	4	{ runs too long } stielperc 64972	CS	INSPS	20140702	20140701						
14.82925				915414	HEATER, UNIT #2	30	4	4	stielperc 64972	CS	HA	20140709	20140702						
15.80003			2	911000	FACILITY, EASTERN AVENUE	30	2	2	tank stielperc 64972	CS	STORM	20140704	20140707						
15.80003			1	911000	FACILITY, EASTERN AVENUE	30	2	2	tank stielperc 64972	CS	MCHPS	20140704	20140707						
15.80004				911000	FACILITY, EASTERN AVENUE	25	4	4	stielperc 64972	CS	BLDG		20140707						
15.80010				913102	SCREEN, BAR (SOUTH)	30	4	4	stielperc 64972	CS	PM	20140807	20140708						
15.80013				912207	OPERATOR, STAND-BY PUMP RE	30	4	4	stielperc 64972	CS	ELCPS	20140721	20140714						
15.80014				911106	PUMP, STANDBY SEWAGE	30	4	4	stielperc 64972	CS	MCHPS	20140714	20140714						
15.80015				911000	FACILITY, EASTERN AVENUE	30	4	4	GIVE TO W.HOOKS, RED. BY W.HOOKS 69701	WH	BLDG	20140717	20140714						
15.80016				911000	FACILITY, EASTERN AVENUE	30	4	4	stielperc 64972	CS	MCHFB	20140806	20140715						
15.80019				915605	CONDITIIONER, AIRWAYS	30	3D	3D	stielperc 64972	CS	HA	20140720	20140715						
15.80020				911000	FACILITY, EASTERN AVENUE	25	4	4	stielperc 64972	CS	BLDG		20140723						
15.80021				915413	HEATER, UNIT #1	25	3D	3D	stielperc 64972	CS	HA		20140723						
15.80027				911000	FACILITY, EASTERN AVENUE	30	3D	3D	office } stielperc 64972	CS	BLDG	20140730	20140725						
15.80028				911444	FACILITY, EASTERN AVENUE	30	4	4	stielperc 65194	CS	ELCPS	20140731	20140729						
15.80288				919035	DUMPSTER, (SOUTH)	25	4	4	RED. T. SMITH 6-9738	THS	MCHFB		20140806						
15.80611				915510	FAN, EXHAUST	30	2	2	MATERIAL FOR THE PRIORITY 2 INSULATION OF AN EXHAUSTFAN	GED	STORM	20140915	20140916						
15.80612				911000	FACILITY, EASTERN AVENUE	30	2	2	RED BY W.HOOKS PER PHONE CALL FROM W. KELLEY	WH	MCHPS	20140905	20140916						
15.80620				911000	FACILITY, EASTERN AVENUE	30	4	4	{calibrate switch gear} stielperc 64972	CS	ELCPS	20140923	20140923						
15.80621				911000	FACILITY, EASTERN AVENUE	25	3D	3D	RED BY R BARTON JR	RBJ	BLDG		20140924						
Location EASTER:																			
COUNT 45																			
JF																			
13.81885				926402	PUMP, #1 SUBMERSIBLE SUMP	30	4	4	system stielperc 64972	CS	MCHPS	20140930	20130315						
13.81886				926401	PIT, SUMP PUMP (PUMP FLOOR)	30	4	4	system stielperc 64972	CS	MCHPS	20140930	20130315						

APPENDIX 5

SUMMARY OF REPORTED OVERFLOWS

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending September 30, 2014

SSO No. 67

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
6/19/2014	Flow Meter in Place	0.38
8/12/2014	Flow Meter in Place	3.08

SSO No. 72

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
6/19/2014	Flow Meter in Place	0.38
8/12/2014	Flow Meter in Place	3.08

SSO No. 132

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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Construction is completed. Flow meter was re-installed on 9/11/2014.

The activity will be covered in the next report.

SSO No. 134

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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Construction is completed. Flow meter was re-installed on 9/11/2014.

The activity will be covered in the next report.

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending September 30, 2014

SSO No. 135

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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Construction is completed. Flow meter was re-installed on 9/11/2014.

The activity will be covered in the next report.

SSO No. 137

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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6/10/2014	Flow Meter in Place	1.03
6/19/2014	Flow Meter in Place	0.49
7/14/2014	Flow Meter in Place	1.03
8/12/2014	Flow Meter in Place	3.33

SSO No. 138

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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None Reported this Quarter

SSO No. 139

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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6/10/2014	Flow Meter in Place	1.56
8/12/2014	Flow Meter in Place	3.17

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending September 30, 2014

Pumping Station Overflows

<u>Pumping Station</u>	<u>Date</u>	<u>Volume Loss (gal)</u>	<u>Rainfall (in)</u>
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None Reported this Quarter

Waste Water Treatment Plant Overflows

<u>WWTP</u>	<u>Date</u>	<u>Volume Loss (gal)</u>	<u>Rainfall (in)</u>
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Patapsco	8/12/2014	3,000,000	6.25"
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BackRiver	8/12/2014	3,000	6.28"
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City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending September 30, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
7/2/2014	Evidence of Overflow	Rags, Roots	0.16	N/A	6207 Blackburn Ln	21212
7/3/2014	Evidence of Overflow	Roots	0.56	N/A	3332 W Belvedere Ave	21215
7/3/2014	2700	Grease, Paper	0.56	Baltimore Harbor	1148 Steelton Ave	21224
7/4/2014	Evidence of Overflow	Roots	0.08	N/A	1200 Evesham Ave	21239
7/7/2014	304	Roots	0.02	Patapsco	3329 Brighton St	21216
7/7/2014	Evidence of Overflow	Roots	0.02	N/A	1824 McCulloh St	21217
7/7/2014	Evidence of Overflow	Rags, Debris	0.02	N/A	2400 Wilgry Ct	21230
7/7/2014	Evidence of Overflow	Roots, Debris	0.02	N/A	3101 Pulaski Hwy	21224
7/9/2014	Evidence of Overflow	Wood, Steel bar	0.04	N/A	3004 Frisby St	21218
7/9/2014	Evidence of Overflow	Unknown	0.04	N/A	307 E 22nd St	21218
7/10/2014	745	Debris	0.25	N/A	3442 Roland Ave	21211
7/12/2014	240	Rags, Grease	0.01	Hearing Run	3112 Brentwood Ave	21218
7/12/2014	Evidence of Overflow	Debris	0.01	Gwynns Falls	3608 Duvall Ave	21216
7/13/2014	43044	Pipe Break	0.23	Gwynns Falls	2100 Washington Blvd	21230
7/14/2014	Evidence of Overflow	N/A	0.72	N/A	1700 Ridgely St	21230
7/14/2014	86	Rags, Grease	0.72	N/A	1006 Billie Holiday Ct	21205
7/16/2014	Evidence of Overflow	Unknown	0.00	N/A	307 E 22nd St	21218
7/16/2014	Evidence of Overflow	Cap in c/o	0.00	N/A	1218 Bayard St	21230
7/16/2014	Evidence of Overflow	Unknown	0.00	N/A	5200 Beaufort Ave	21215
7/19/2014	Evidence of Overflow	Trash	0.00	N/A	1945 W Lafayette Ave	21217
7/20/2014	Evidence of Overflow	Debris	0.01	N/A	1313 S Clinton St	21224
7/20/2014	Evidence of Overflow	Roots	0.01	N/A	4212 LaSalle Ave	21206
7/21/2014	Evidence of Overflow	N/A	0.00	N/A	100 Block W 29th St	21218
7/21/2014	Evidence of Overflow	Rags, Grease	0.00	N/A	2431 Arunah Ave	21216



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending September 30, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
7/21/2014	Evidence of Overflow	N/A	0.00	N/A	2709 Round Rd	21225
7/21/2014	Evidence of Overflow	Other, cleanout cap at bottom cleanout	0.00	N/A	3324 Lyndale Ave	21213
7/21/2014	Evidence of Overflow	Rags	0.00	N/A	2999 Belair Rd	21213
7/22/2014	Evidence of Overflow	Grease, Debris	0.00	N/A	3200 Reisterstown Rd	21215
7/23/2014	375	Rags, Grease, Trash, Plastic	0.22	Back River	5403 O'Donnell St	21224
7/24/2014	30	Rags, Grease	0.01	Jones Falls	Greenspring Ave & Park Hill Ave	21211
7/24/2014	61	Rags, Grease, Debris	0.01	N/A	520 Denison St	21229
7/25/2014	Evidence of Overflow	Rags	0.03	N/A	2716 Rittenhouse Ave	21230
7/26/2014	Evidence of Overflow	Roots	0.00	N/A	604 Venable Ave	21218
7/26/2014	Evidence of Overflow	Roots, Grease	0.00	N/A	1307 Bayard St	21203
7/27/2014	120	Roots, Grease	0.01	N/A	4705 Kernwood Ave	21212
7/28/2014	65	Rags	0.06	N/A	1220 Bayard St	21230
7/28/2014	131	Rags, Roots, Grease	0.06	Jones Falls	3635 Cottage Ave	21215
7/28/2014	400	Rags, Pipe Break, Sand, Gravel, Rocks	0.06	Patapsco	3700 Greenspring Ave	21215
7/28/2014	60	Rags, Grease	0.06	Gwynns Falls	4307 Pimlico Rd	21215
7/29/2014	Evidence of Overflow	Rags	0.00	N/A	5319 Brabant Rd	21229
7/29/2014	Evidence of Overflow	Roots	0.00	N/A	421 Westgate Rd	21229
7/29/2014	30	Rags, Grease	0.00	Jones Falls	1800 Park Ave	21217
7/29/2014	Evidence of Overflow	Grease, Trash	0.00	N/A	3800 E Baltimore St	21202
7/29/2014	Evidence of Overflow	N/A	0.00	N/A	Sumter Ave and Pimlico Rd	21215
7/29/2014	Evidence of Overflow	Rags, Roots	0.00	N/A	4109 Belvieu Ave	21215
7/29/2014	Evidence of Overflow	Rags	0.00	N/A	1147 Monroe Cir	21225
7/30/2014	580	Rags, Grease	0.00	Gwynns Falls	3337 Winterbourne Rd	21216
7/30/2014	Evidence of Overflow	N/A	0.00	N/A	3117 Baker St	21216



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
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Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
7/30/2014	Evidence of Overflow	Mud	0.00	N/A	1225 N Broadway	21213
7/31/2014	Evidence of Overflow	N/A	0.00	N/A	3915 N Charles St	21218
7/31/2014	880	Rags, Grease, Sand, Gravel, Rocks	0.00	Jones Falls	Greenspring Ave and Park Hill Ave	21211



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Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
8/1/2014	Evidence of Overflow	N/A	0.02	N/A	2820 Winwood Ct	21225
8/1/2014	Evidence of Overflow	Rags, grease	0.02	N/A	4545 N Charles St	21210
8/2/2014	Evidence of Overflow	Rags, roots, debris	0.17	N/A	Pascal Ave & Everett St	21225
8/6/2014	880	Pipe break, sand, gravel, rocks	0.02	Jones Falls	3700 Greenspring Ave	21215
8/7/2014	Evidence of Overflow	Roots, trash	0.00	N/A	309 Rossiter Ave	21218
8/7/2014	Evidence of Overflow	Roots	0.00	N/A	3128 Weaver Ave	21214
8/8/2014	Evidence of Overflow	Rags	0.00	N/A	2021 Druid Hill Ave	21217
8/11/2014	Evidence of Overflow	Rags	0.01	N/A	2716 Saint Paul St	21218
8/12/2014	90	Rags, Grease	4.41	N/A	1200 Armistead Way	21205
8/12/2014	Evidence of Overflow	Heavy Rain	4.41	N/A	1550 Orleans St	21205
8/12/2014	Evidence of Overflow	Heavy Rain	4.41	N/A	1800 S Clinton St	21224
8/12/2014	Evidence of Overflow	Heavy Rain	4.41	N/A	3300 Clipper Mill Rd	21211
8/12/2014	23050	N/A	4.41	N/A	1901 Falls Rd	21217
8/12/2014	Evidence of Overflow	Heavy Rain	4.41	N/A	Dundalk Ave & Holabird Ave	21224
8/12/2014	46996.5	Heavy rain	4.41	Gwynns Falls	2121 Wicomico St	21230
8/12/2014	7704998	Heavy rain	4.41	Low Level	1819 Eager st	21205
8/12/2014	1462800	Heavy rain	4.41	Low Level	1731 E Chase St	21213
8/13/2014	360	Rags, grease, sand, gravel, rocks	0.03	N/A	2525 Insulator Dr	21230
8/14/2014	186	Grease, sand, gravel, rocks	0.00	N/A	2525 Insulator Dr	21230
8/14/2014	Evidence of Overflow	Rags, roots	0.00	N/A	2627 Cross Country Blvd	21215
8/14/2014	Evidence of Overflow	Infiltration/Inflow, Other	0.00	N/A	2379 Sundew Ter	21209
8/16/2014	Evidence of Overflow	Rags, roots	0.00	N/A	2720 Latona Rd	21214
8/16/2014	Evidence of Overflow	Roots	0.00	N/A	3814 Milford Ave	21207
8/19/2014	150	Rags	0.00	N/A	6004 Woodcrest Ave	21209
8/20/2014	Evidence of Overflow	Rags, grease	0.01	N/A	334 S Calhoun St	21223
8/20/2014	290	Rags, grease, debris	0.01	N/A	1107 Slater Rd	21225
8/21/2014	Evidence of Overflow	N/A	0.16	N/A	811 Powers St	21211



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Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
8/21/2014	Evidence of Overflow	Heavy Rain	0.16	N/A	3301 Parkside Dr	21206
8/22/2014	Evidence of Overflow	Rags	0.01	N/A	1004 Roland Heights Ave	21211
8/22/2014	Evidence of Overflow	N/A	0.01	N/A	2213 Roslyn Ave	21216
8/22/2014	Evidence of Overflow	Rags	0.01	N/A	2227 Bank St	21231
8/24/2014	Evidence of Overflow	Roots	0.00	N/A	6608 Danville Ave	21224
8/26/2014	Evidence of Overflow	Pipe break	0.00	N/A	307 E 22nd St	21218
8/26/2014	Evidence of Overflow	Rags	0.00	N/A	3107 E Fairmount Ave	21224
8/27/2014	7,200	Rags, grease, infiltration/inflow, debris	0.00	N/A	Boston St & Joplin St	21224
8/27/2014	Evidence of Overflow	Infiltration/inflow, Other	0.00	N/A	2830 Winwood Ct	21225
8/27/2014	2525	Infiltration/inflow, Other	0	N/A	3512 Old Frederick Rd	21229
8/28/2014	Evidence of Overflow	Rags, grease, dirt	0.00	N/A	1100 Clendenin St	21217
8/28/2014	Evidence of Overflow	Rags	0.00	N/A	5816 Berkeley Ave	21215
8/29/2014	300	Rags, grease	0.00	N/A	1900 E Fayette St	21231
8/29/2014	102	Roots	0.00	N/A	5139 Wetheredsville Rd	21207
8/30/2014	Evidence of Overflow	Grease	0.00	N/A	2103 Westfield Ave	21214

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
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Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
9/3/2014	Evidence of Overflow	Rags	N/A	N/A	1518 N Mount Street	21217
9/4/2014	775	Roots, debris, Infiltration/Inflow	N/A	N/A	1600 E 28th Street	21218
9/6/2014	160	Grease, trash	N/A	Patapsco	3427 Clifton Avenue	21216
9/6/2014	Evidence of Overflow	N/A	N/A	N/A	613 S Paca St	21230
9/7/2014	Evidence of Overflow	Rags, trash	N/A	Jones Falls	1407 Park Avenue	21217
9/9/2014	Evidence of Overflow	Grease, debris	N/A	N/A	3411 Clifton Avenue	21216
9/10/2014	Evidence of Overflow	Rags	N/A	N/A	2323 Arunah Avenue	21216
9/11/2014	Evidence of Overflow	Debris	N/A	N/A	301 Edgevale Road	21210
9/11/2014	1500	Rags, grease, debris	N/A	N/A	2701 Wilmarco Avenue	21223
9/13/2014	Evidence of Overflow	Infiltration/Inflow, Cap in cleanout	N/A	Harbor	930 S Curley St	21224
9/13/2014	Evidence of Overflow	Rags, grease	N/A	N/A	5501 Saint Albans Way	21212
9/14/2014	Evidence of Overflow	Rags, roots, grease	N/A	N/A	2008 Homewood Ave	21218
9/16/2014	Evidence of Overflow	N/A	N/A	N/A	1600 Gough Street	21231
9/16/2014	236	Rags, roots, grease	N/A	Patapsco	3062 Acension Street	21225
9/16/2014	810	Rags, grease, trash	N/A	Gwynns Falls	912 Bethune Rd	21225
9/18/2014	Evidence of Overflow	Roots, grease	N/A	N/A	2649 Marbourne Ave	21230
9/20/2014	Evidence of Overflow	Rags, trash	N/A	N/A	647 W University Pkwy	21210
9/22/2014	Evidence of Overflow	Rags, toilet paper	N/A	N/A	3320 Sequoia Ave	21215
9/22/2014	240	Rags, grease	N/A	N/A	Dupont Ave & Greenspring Ave	21209
9/22/2014	Evidence of Overflow	Roots	N/A	N/A	1208 Argonne Drive	21218
9/23/2014	84	Rags, roots	N/A	N/A	312 N Martin Luther King Jr. Blvd	21201
9/24/2014	17553.3	Pipe break	N/A	Gwynns Falls	600 Ellicott Drive	21216
9/27/2014	Evidence of Overflow	Rags	N/A	N/A	112 Scott St	21201
9/27/2014	Evidence of Overflow	Roots	N/A	N/A	3600 Cottage Ave	21215



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Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (7, 8, 9)	Measures Taken to Identify Source or Resolve	Future/Planned Work
2	4/11/2007	6225 York Rd behind Walker Mews Apartment Building	21212	Herring Run	Not Resolved	On-going	2,518,829	Dye and ammonia testing and CCTV inspections performed prior to CIPP lining. CIPP lined sewer, but testing indicated no resolution. After further testing, additional CIPP Lining was recommended/installed	Rehab work is completed. Confirmatory testing to be performed.
14	9/18/2007	JHU Campus	21218	Jones Falls	Not Resolved	On-going	3,164,683	City letter sent to JHU on 3/30/11 requiring that repairs be made. JHU completed significant repair effort. Subsequent retesting by the City determined that the repairs to date have been unsuccessful. City met with JHU maintenance on 12/5/13.	Owner addressed the issue - Confirmatory testing to be performed.
20	7/5/2006	W. 24th & Morton St.	21218	Jones Falls	Not Resolved	On-going	3,111,840	It was confirmed that the private properties contributing to the problem were 2417 and 2433 Maryland Ave . A violation notice was issued by HCD/HABC and on 9/19/11, HCD reported that 2417 and 2433 Maryland Ave. have been corrected by a private plumber. Testing of 2433 confirmed that they had resolved their problem. Located additional Leaking private connection. confirmatory dye testing of 2431 Maryland Ave showed dye negative to storm drain.	Under Investigation - all properties on Maryland Avenue have been dye tested - contractor replaced the sewer house connection (SHC) to the property line at 2415 Maryland Avenue – need to perform additional dye testing/CCTV
32	5/21/2009	4016-4018 Rogers Ave. - Rogers Post Apartments	21207	Gwynns Falls	7/9/2014	1875	942,453	Series of dye and ammonia testing performed and CCTV inspections. Problem identified to be a private property issue. Coordinated with Baltimore City Housing Department to address this issue. Owner hired a plumber to clean the lines. Confirmatory testing by the City in March indicates the issues has not been resolved. Further testing confirmed continued problem. Plumber hired by Owner made repairs, but problem still active after testing in October 2013.	Abated
33	6/25/2009	Cross Country Blvd & Crest Rd.	21209	Jones Falls	8/28/2014	1889	2,716,054	Confirmatory testing has shown that this SDUO is not resolved. Final section of pipe repaired. Flow and concentration reduced significantly, but not eliminated.	Abated
38	11/6/2009	3302 Esther Place (inside 54"storm drain)	21212	Inner Harbor	Not Resolved	On-going	1,030,464	For north side, letter to be sent to HCD/HABC. HCD issues a violation notice on 01/10/11. For south side, pipe has been plugged. SWMD checked on the plug on 12/15/10, and it continues to hold.	Active - With Department of Housing and Community Development (DHCD)

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Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (7, 8, 9)	Measures Taken to Identify Source or Resolve	Future/Planned Work
41	6/3/2010	Cross Country & Key Ave (Storm Drain MH with sewage in bottom)	21215	Western run	Not Resolved	On-going	227,520 T	Verified as SDUO site by ammonia field test and dye test completed on June 3, 2010. Dye testing and CCTV inspection revealed CIPP Lining is recommended.	Rehab work is completed. Confirmatory testing to be performed.
43	5/26/2010	Cross Country & Chilham Rd (300 ft northeast of intersection in an uncharted 15" Storm Drain)	21209	Western Run	Not Resolved	On-going	64,718 T	Verified as SDUO site by ammonia field test and dye test completed on May 26, 2010.	Under Investigation - need to schedule a site visit
47	8/4/2010	3412 - 3418 Glenmore Ave	21214	Moores Run to Herring Run	Not Resolved	On-going	765,072 T	On 6/30/2011, the on-call contractor replaced two sanitary house connections on Glenmore Avenue. On 9/20/2011, test results received from SWMD indicate that the Theodore Ave drain is a target. On-call contractor installed a new MH on the uncharted pipe entering the Theodore Ave. CCTV performed in April 2012. Additional illegal house connection identified and repaired, but problem not abated.	Replacement of 3 sewer house connections is planned
52	11/17/2010	39th & University Pkwy	21218	Jones Falls	Not Resolved	On-going	921,383 T	Line CCTVed in Nov. 2011, but debris and roots block pipe. Coordinated with contractor to install new MH to facilitate further CCTV. Additional cleaning performed. Recommended for lining.	Rehab work is completed. Confirmatory testing to be performed.
55	8/10/2011	Mannasota & Parkside	21206	Herring Run	Not Resolved	On-going	42,420 T	Sewage is infiltrating the storm entering storm drain at Cylburn Ave. On 7/26/2011, on-call consultant recommended the sewer line be CIPP lined. Site lined, but follow-up testing documented ammonia.	Heavy cleaning complete - CIPP lining is pending
57	8/31/2011	Seabury & Hillview	21225	Patapsco	8/7/2014	1072	553,395 T	CIPP Lining recommended and executed. Dye deployed in the main channel about 1 foot below sanitary manhole at Seabury Rd. and Hillview was negative. Dye held in the sanitary manhole channel was positive.	Abated
62	1/27/2012	JHU - Rensen Hall	21218	Johns Falls	Not Resolved	On-going	343,717 A	Met with representatives of Johns Hopkins University to discuss issue. JHU completed significant repair effort. Subsequent retesting by the City determined that the repairs to date have been unsuccessful. City met with JHU maintenance on 12/5/13.	Rehab work is completed. Confirmatory testing to be performed.
66	10/11/2012	McMechen & Jordan	21217	Jones Falls	8/28/2014	686	4,840,416 T	Dye test program and CCTV performed.	Abated
67	9/26/2012	McMechen & Brevard	21217	Jones Falls	Not Resolved	On-going	73,788 T	Dye testing performed.	Replaced sanitary sewer with new alignment to the nearest downstream manhole. Additional work is planned
68	10/11/2012	Mason & McMechen	21217	Jones Falls	Not Resolved	On-going	82,829 T	Dye test program and CCTV performed.	New manhole installed and investigation continues

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Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (7, 8, 9)	Measures Taken to Identify Source or Resolve	Future/Planned Work
69	12/4/2012	Fait & Grundy	21224	Inner Harbor	Not Resolved	On-going	38,304 T	Heavy cleaning and CCTV performed. Dye testing of 3906 Fait Ave confirmed the property is not the source.	Manhole installed and the sanitary house connection (SHC) was disconnected from storm drain. SDUO not abated - more investigation required.
70	12/5/2012	Haven & Bank	21224	Inner Harbor	Not Resolved	On-going	23,904 T	Dye testing and manned inspection confirmed private connections. Property owner notified.	Under Investigation
71	1/29/2013	Armistead Creek	21205	Herring Run	Not Resolved	On-going	219,240 A	Visual inspection and dye test performed.	Under Investigation
73	3/1/2013	230 N. Franklintown Rd.	21223	Gwynns Falls	Not Resolved	On-going	243,414 T	Dye testing performed. Follow up to repairs, Ammonia still high.	Rehab work is completed. Confirmatory testing to be performed.
78	7/26/2013	500 block of Bloom St.	21217	Jones Falls	Not Resolved	On-going	533,985 T	CCTV program in progress. Lining repair work was performed under Consent Decree project.	Replacing/coating 3 manholes is planned
79	7/31/2013	Perkins Homes, 263 Dallas Ct.	21223	Inner Harbor	Not Resolved	On-going	89,701 T	Dye test program and CCTV conducted. confirmatory test showed dye negative to storm drain.	Rehab work is completed. Confirmatory testing to be performed.
80	8/16/2013	Perkins Homes, 270-279 Dallas Ct.	21223	Inner Harbor	Not Resolved	On-going	317,479 T	Dye test program and CCTV conducted. confirmatory test showed dye negative to storm drain.	Rehab work is completed. Confirmatory testing to be performed.
81	8/29/2013	2301 Wilkens Ave.	21223	Gwynns Run	8/20/2014	356	5,525 A	Dye tested nearby sanitary, without positive results.	Abated
82	9/17/2013	Fleet & Fagley Streets	21224	Patapsco	Not Resolved	On-going	426,213 T	Dye test program and CCTV in progress.	Under Investigation. CCTV is scheduled
83	9/19/2013	Scottish Rite Masonic Center, 3800 N Charles Street	21218	Stony Run	8/29/2014	344	10,886 A	Dye test program conducted. 3800 N Charles St SHC showed positive dye to storm drain. Informed Owner of problem and requested corrective action.	Abated
84	10/22/2013	Gwynns Falls Pkwy. & Holmes Ave.	21217	Gwynns Run	Not Resolved	On-going	643,028 T	Dye test program and CCTV conducted. 1620 Gwynns Falls Pkwy SHC showed positive dye to storm drain.	to be abated
85	11/6/2013	2200 BLK Arden Rd.	21209	Western Run	Not Resolved	On-going	61,373 A	Dye test program and CCTV conducted. Dye was positive to storm drain.	Pipe replacement is pending
86	8/12/2014	2100 BLK Hamilton Av	21214	Herring Run	Not Resolved	On-going	2,493 A	Replacement of 3 sewer house connections is planned	Replacement of 3 sewer house connections is pending

Updated through September 30, 2014

Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (7, 8, 9)	Measures Taken to Identify Source or Resolve	Future/Planned Work
87	8/15/2014	Charles St. and Lanvale St	21214	Jones Falls	Not Resolved	On-going	1,864 A	Part of CD project 897R	Is being addressed under a Consent Decree project
88	9/24/2014	Denison St @ Hilton St	21219	Gwynns Falls	Not Resolved	On-going	698 A	Part of CD project 920	Will be addressed under a Consent Decree project

SDUO Summary:

1. Total SDUO Sites Documented: 90

2. Total SDUO Sites Resolved: 65 (72% Complete)

3. Total Active SDUO Sites on Private Property: 7

4. Total SDUO Sites Unresolved: 25 (28% Open)

5. New SDUO Sites documented in the last Quarter: 3

6. Under the column entitled "Date of Resolution", if the note reads Not Resolved an end date of 09/30/2014 was used to determine the quantity of discharge up to that point.

7. All of the Estimated Quantities of Discharge listed in the above table are based on a start date of October 30, 2008 in accordance with the letter issued by EPA dated November 12, 2010. The actual start date of the sewer discharge based on testing is listed in the Date of Occurrence.

8. (T) - Flow calculated utilizing TKN concentration.
(A) - Flow Calculated utilizing Ammonia concentration.

For all active sites, the City ultimately, plans on calculating flows using TKN - per guidelines of the approved protocol by EPA

9. For sites that have not yet been resolved, "Est. Quantity of Discharge (Gal)" is readjusted each quarter to reflect the elapse of time and any recent field information (flow, NH3, TKN) that may have been collected for a given site.

SDUO Site abated

SDUO Site on Private Property

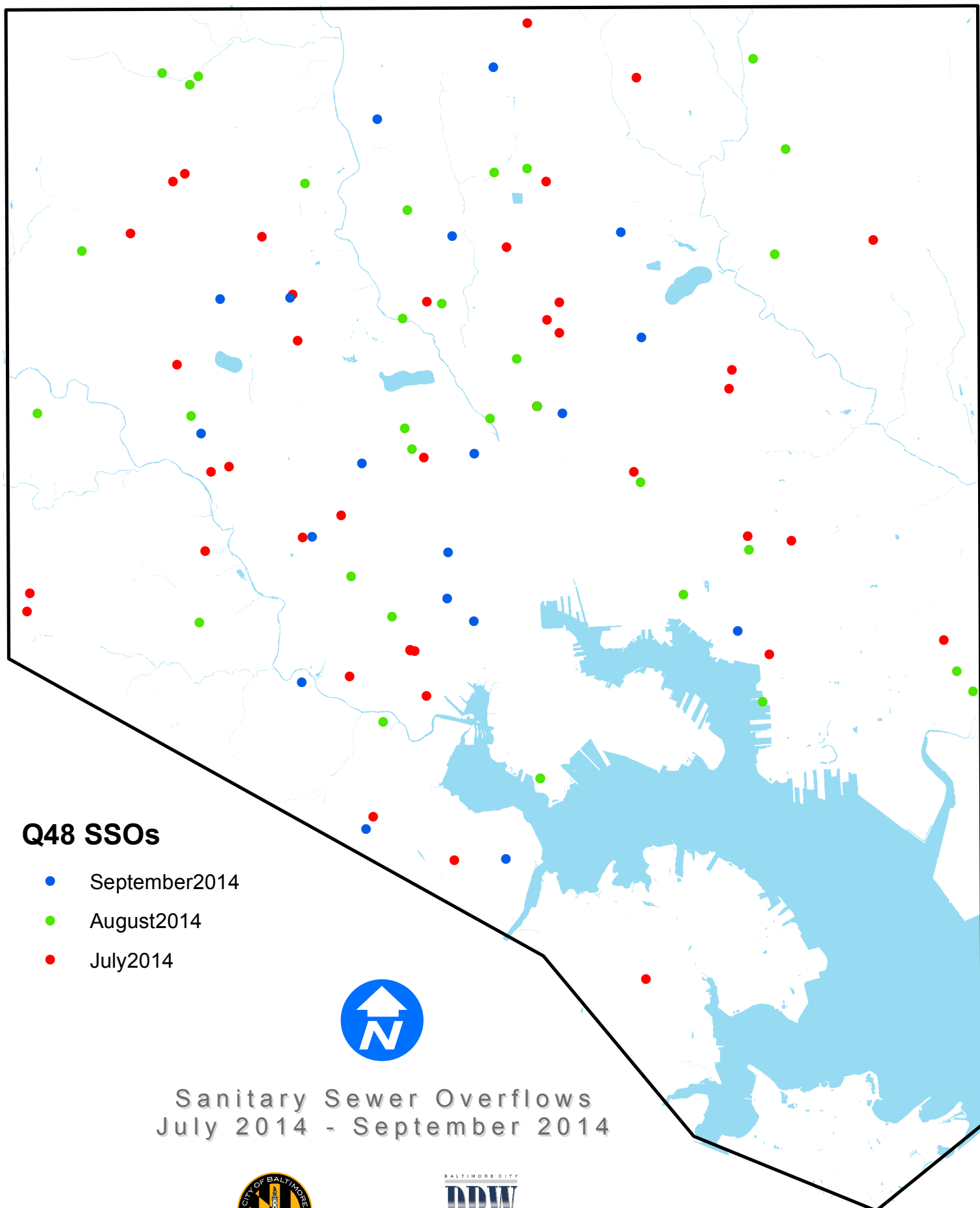


Civil Action No. JFM-02-1524

Calendar Quarterly Report No. 48

For Calendar Quarter Ending September 30, 2014

Appendix 5-13



Q48 SSOs

- September 2014
- August 2014
- July 2014



Sanitary Sewer Overflows
July 2014 - September 2014



Updated: October 2014