

CITY OF BALTIMORE

STEPHANIE RAWLINGS-BLAKE, Mayor



DEPARTMENT OF PUBLIC WORKS

BUREAU OF WATER AND WASTEWATER
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Baltimore, Maryland 21202

October 24, 2013

VIA OVERNIGHT MAIL

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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. 44
For Calendar Quarter Ending September 30, 2013**

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. 44, for the Calendar Quarter ending September 30, 2013.

Please Visit Our Website @ www.baltimorecity.gov

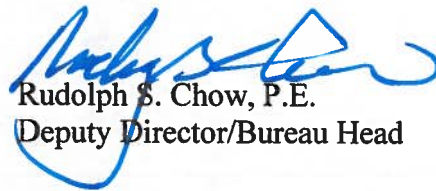


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October 24, 2013
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We trust that you will agree that the City of Baltimore is in compliance with this requirement of the Consent Decree. Please notify us if you have any questions related to this item.

Sincerely,



Rudolph S. Chow, P.E.
Deputy Director/Bureau Head

Enclosures

RSC/ajd

cc: Mr. Alfred H. Foxx,
Mr. George Nilson
Peter Keith, Esquire
Mr. Mike Gallagher
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Ms. Dawn Lettman
File

City of Baltimore Sanitary Sewer Overflow Consent Decree

Civil Action No. JFM-02-1524

Calendar Quarterly Report No. 44
For Calendar Quarter ending September 30, 2013

*Submitted:
October 31, 2013*

*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.


Rudolph S. Chow, P.E.
Deputy Director/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, 2013, 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 #135 (site P8_10_135S), this meter was removed on 6/13/13. It is planned for reinstall once construction is complete. Due to construction activity at SSO #134 (site HL32), this meter was removed on 8/17/13. It is planned for reinstall once construction is complete.**

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, 2013, 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

Consent Decree Project ID No.	ADS Project ID No.	Project	No. of Meters		
			July	August	September
10	7	Greenmount Interceptor	1	1	1
		Total	3	3	3

A summary of rainfall and flow monitoring data collected during June, July and August 2013, prepared by 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, 2013, 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, 2013, 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.

The City is awaiting a response from the Regulators regarding the June 28, 2013 City letter regarding the time line for completion of Phase 2 Consent Decree work.

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, 2013, 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, 2013, 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, 2013, 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, 2013, 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, 2013, 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, 2013, 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, 2013, 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, 2013.

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 Wallingford Software.
- 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 will complete implementation of the Model for each sewershed on or before submission of the respective Sewershed Study and Plan required under Paragraph 9, and will certify 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, 2013, 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.

Paragraph 14: Information Management System Program

- A. During the calendar quarter ending September 30, 2013, 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, 2013. 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 September 30, 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.
- 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, 2013, 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, 2013 is provided in Appendix 5.
- B.** During the calendar quarter ending September 30, 2013, 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, 2013, 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, 2013, 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, 2013, 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, 2013, 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.**

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

As of the calendar quarter ending September 30, 2013 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, 2013

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. 700 & 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 JPI70. Replacement of approximately 1,900 linear feet of 48" sewer between JPI10 and JPI18, and approximately 1,850 linear feet of 60" sewer between JPI70 and the Jones Falls Pumping Station (SC 772). 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 12/17/07 requesting additional 60 day extension for practical completion. Practical completion occurred on 1/23/08. 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 11/18/07.
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, 2013

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVISED	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 Grants Maritime) 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) (SC018) 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 (mainhole 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 Sison 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 lower portion of the Stony Run Interceptor (SC - 839). Non-CD portion 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, 2013 to allow for adequate time for the City to complete the hydraulic restriction project at the BR-WWTP, 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, 823	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 39-inch existing sewer.	December 30, 2005	12/27/07 **	2/29/10***	Contributes to elimination of SSO No. 72	Construction Phase. SC 832 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 11/08/2011, 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, approximately 4800 linear feet 24-inch, approximately 1000 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*

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO/CSO STRUCTURES ELIMINATED	STATUS
GWYNYS FALLS SEWERSHED							
17	Powder Mill System Improvements including GFG branch in Gwynys 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 DRA 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	Maidens 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 Franklinton 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	Gwynys Run Interceptor Sanitary Contract No. 812	Improvements to the Gwynys Run Interceptor	December 30, 2004	February 25, 2007	12/27/2007**	Eliminates SSO Nos. 106,107 and 130	Complete
24	Gwynys 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. 95, 56, 57, 60, 63, 103, 126, 127, 128 and 131	Complete
25	Elimination of Siphon Blowoffs (Siphon Nos. 9 and 10 - east of DuKeland 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 800 Uneta 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/PA. ** Approved by MDE. ***Approved by EPA							

APPENDIX 2

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of September 30, 2013

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)	11/8/14 (P)	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)	8/28/2016 (P)	The project was advertised on 7/27/2012. The lowest bidder is Institutorm Technologies. Last construction progress meeting was held on June 06, 2013. Next progress meeting will be held on July 11, 2013.
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)	2/22/2016 (P)	The project was advertised on 7/27/2012. The lowest bidder is Institutorm Technologies. Last construction progress meeting was held on June 06, 2013. Next progress meeting will be held on July 11, 2013.
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)	6/19/2016 (P)	The project was advertised on 7/27/2012. The lowest bidder is Institutorm Technologies. Last construction progress meeting was held on June 06, 2013. Next progress meeting will be held on July 11, 2013.

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of September 30, 2013

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF CONSTRUCTION COMPLETION	DATE OF EVALUATION COMPLETION	STATUS
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)	2/14/2017 (P)	The contract was advertised on March 22, 2013. NTP was issued on June 27, 2013. Pre-construction conference will be held on July 10, 2013.
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)	04/28/2014 (P)	10/28/2015 (P)	This contract was awarded to Meira Industries, who was the lowest bidder, on June 08, 2011. Notice-to-Proceed was issued on August 08, 2011. Cleaning of the outfall stopped as of June 25, 2012. Project will re-start on April 29, 2013. Progress meeting #11 was held on 7/25/2013.
HIGH LEVEL SEWERSHED						
HL-8	Liberty Heights Relief Sewer	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_007MH 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 SSGOs 132, 134 and 135 to ensure no overflows during a two year event.	2/10/2012 (A)	12/15/2013 (P)	6/15/2015 (P)	The contract was advertised on February 10, 2012. Bids were due by March 21, 2012, but date was extended to April 4, 2012. The contract was awarded on September 26, 2012 to Monumental Paving and Excavating Inc. First construction progress meeting was held on March 20, 2013. Last construction progress meeting was held on June 12, 2013. Next progress meeting is scheduled for July 17, 2013.
HL-9	SC907 - East Baltimore Region	SC 907 - Repair and rehabilitation of sanitary sewer and manholes in the East Baltimore region of the High Level Sewershed.	3/22/2013 (A)	3/22/2015 (P)	9/22/2016 (P)	The contract was advertised on March 22, 2013. The lowest bidder is Inland Waters.
HL-10	SC906 - West Baltimore Region	SC 906 - Repair and rehabilitation of sanitary sewer and manholes in the West Baltimore region of the High Level Sewershed.	5/10/2013 (A)	8/7/2015 (P)	2/7/2017 (P)	The contract was advertised on May 10, 2013. Lowest Bidder is SAK Construction.
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)	1/16/2017 (P)	The contract was advertised on July 26, 2013. Lowest Bidder is Bradshaw Construction.
HL-12	SC933 - High Level Interceptor Cleaning	SC 933 - cleaning of the High Level Interceptor	7/26/2013 (A)	1/22/2015 (P)	7/22/2016 (P)	The contract was advertised on July 26, 2013. Lowest Bidder is Video Pipe Services Construction.
Herring Run Sewershed						
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)	2/16/2017 (P)	The contract was advertised on August 16, 2013. Lowest Bidder is AM Liner East.
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)	2/27/2017 (P)	The contract was advertised on September 6, 2013. Lowest Bidder is Anchor Construction.
Low Level Sewershed						
LL-1	SC922 - Low Level Interceptor Cleaning	SC 922 - cleaning of the Low Level Interceptor	8/16/2013 (A)	2/12/2015 (P)	8/12/2016 (P)	The contract was advertised on August 16, 2013. Lowest Bidder is Video Pipe Services Construction.
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)	3/10/2017 (P)	The contract was advertised on September 20, 2013

Note: Shaded date cells indicate completion.

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of September 30, 2013

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF CONSTRUCTION COMPLETION	DATE OF EVALUATION COMPLETION	STATUS
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)	3/10/2017 (P)	The contract was advertised on September 20, 2013

Sewershed Name - CD Project No.

APPENDIX 3

LIST OF ILLEGAL CONNECTIONS

City of Baltimore Sanitary Sewer Overflow Consent Decree
Civil Action No. JFM-02-1524
List of Illegal Connections

October-13

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. 2303 Baltimore Ave.	311 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
3. 3310 Clarks Ln.	212 B 7	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
4. 3312 Clarks Ln.	212 B 6	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. 2298 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. 5618 Cross Country Blvd.	13 A 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
9. 6309 Fairlane Dr.	99 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
10. 6309 Fairlane Dr.	154 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
11. 6309 Fairlane Dr.	154 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
12. 6908 Fieldcrest Rd.	272 B 3	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
13. 3800 Glengyle Ave.	275 B 13	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
14. 6309 Greenspring Ave.	153 B 5	Property Owner	Downspout	4/30/2011		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.	103 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
18. 2416 Ken Oak Rd.	103 A 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
19. 5609 Key Ave.	50 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
20. 2504 Laryvale Rd.	154 B 7	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 and indicated that the fix had not held out in September and water getting into the sanitary sewer. 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 closed.
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 temporary seal becomes permanent.
24. 5806 Park Heights Ave.	78 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
25. 5806 Park Heights Ave.	78 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
26. 5806 Park Heights Ave.	78 B 3	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
27. 5806 Park Heights Ave.	78 B 9	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
28. 5905 Park Heights Ave.	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. 7126 Park Heights Ave.	315 A 3	Property Owner	Area Drain	3/22/2005	Positive	Newly Identified	Confirmed Not Illegal
32. 7126 Park Heights Ave.	260 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 Rimlico Rd.	203 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
35. 6106 Rimlico Rd.	135 A 1	Property Owner	Driveway Drain	3/28/2005	Positive	Newly Identified	Confirmed Not Illegal
36. 6306 Rimlico Rd.	127 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
37. 5503 Risk Ave.	30 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
38. 3208 Shelburne Rd.	334 A 1	Property Owner	Driveway Drain	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 Sudgrave Ave.	320 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
41. 2607 Tandy Rd.	183 B 4	Property Owner	Downspout	3/23/2005	Positive	Newly Identified	Confirmed Not Illegal
42. 2607 Tandy Rd.	183 B 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
43. 2706 Tandy Rd.	183 B 8	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
44. 2808 Tandy Rd.	182 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
45. 2810 W. Strathmore Ave.	182 B 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
46. 2810 W. Strathmore Ave.	180 A 5	Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
47. 3602 Chesholm Rd.		Property Owner	Downspout	5/9/2005	Positive	Newly Identified	Confirmed Not Illegal
48. 6708 Park Heights Ave.		Property Owner	Downspout	5/9/2005	Positive	Newly Identified	Confirmed Not Illegal
49. 4214 Groveland Ave.		Property Owner	Downspout	5/9/2005	Positive	Newly Identified	Confirmed Not Illegal
50. 4414 Groveland Ave.		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. 5014 Seward Ave		Property Owner	Swimming Pool	4/30/2011	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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
													Completed/Issued W/O Report														Mike/Keith																													
													CONSENT ORDERS																																											
													JUL. 1. 2013 - SEP. 30, 2013																																											
													Appendix "H"																																											
													QUERY NAME EQUIP4000																																											
													LIBRARY NAME MONTHLYRUN																																											
													FILE LIBRARY MEMBER FORMAT																																											
													WSMST00 MTS81OF WSMST00 WSMSTOOR																																											
													EOMST MTS81OF EOMST EOMSTR																																											
													WSMST31 MTS81OF WSMST31 WSMST31R																																											
													DCCTL MTS81OF DCCTL DCCTLR																																											
													ETEXTS MTS81OF ETEXTS TEXTSR																																											
													DATE 10/10/13																																											
													TIME 14:25:33																																											
													Completedpt.-PS only(CO)Appendix"H"(D)(Ortly)																																											

Completed/Issued W/O Report
CORRECTIVES & MODS JUL. 1, 2013 - --> Brooklyn Durdalk Eastern Ave
Pumping Stations SEP. 30, 2013 --> Jones Falls Locust Pt. McComas St.
--> Quad Avenue Westport

LOCATIONS:

QUERY NAME WOCMPSSAL
LIBRARY NAME MONTHLYRUN

FILE	LIBRARY	MEMBER	FORMAT
WSMST00	MTS810F	WSMST00	WSMST00R
ECMST	MTS810F	ECMST	ECMSTR
WSMST31	MTS810F	WSMST31	WSMST31R
DCCTL	MTS810F	DCCTL	DCCTLR
ETEXTS	MTS810F	ETEXTS	TEXTSR

DATE 10/10/13
TIME 14:24:57

Completed/Issued Rpt.-Pumping Stations only(0)

Pumping Station													
Co. No.	Area	W/O Loc. Number	Machine Number	Machine Description	W/O Sts	Full Problem Code	Req. By	Craft Code	W/O Cmpl't Date	W/O Issue Date	Shdn Class		
11	PUMPING ST EASTER	14.80003	911101	PUMP,SEWAGE #1	30	4	stielperc 64972	CS	MCNPS	20130712	20130711		
		14.80004	912601	PUMP,SEAL WATER #1	30	4	stielperc 64972	CS	MCNPS	20130711	20130711		
		14.80008	911103	PUMP,SEWAGE #3	30	4	stielperc 64972	CS	MCNPS	20130717	20130716		
		14.80009	2	915508	FAN,EXHAUST (EAST)	25	30	stielperc 64972	CS	HA		20130717	
		14.80009	1	915508	FAN,EXHAUST (EAST)	30	30	stielperc 64972	CS	ELCPS	20130722	20130717	
		14.80010	1	915512	FAN,EXHAUST	30	30	stielperc 64972	CS	ELCPS	20130722	20130717	
		14.80010	2	915512	FAN,EXHAUST	25	30	stielperc 64972	CS	HA		20130717	
		14.80011	1	915511	FAN,EXHAUST	25	30	stielperc 64972	CS	ELCPS		20130717	
		14.80011	2	915511	FAN,EXHAUST	25	30	stielperc 64972	CS	HA		20130717	
		14.80012	1	915510	FAN,EXHAUST	25	30	stielperc 64972	CS	ELCPS		20130717	
		14.80012	2	915510	FAN,EXHAUST	25	30	stielperc 64972	CS	HA		20130717	
		14.80013	910030	BARSCREENS BUBBLER	30	4	stielperc 64972	CS	INSPS	20130719	20130717		
		14.80014	910017	COMBUSTIBLE GAS ALARM	30	4	stielperc 64972	CS	INSPS	20130717	20130717		
		14.80015	910029	TRANSDUCER,PRESSURE	30	4	REQ BY R BARTON JR	RBJ	MCNFB	20130726	20130718		
		14.80021	916054	FAN,SUPPLY	25	4	REQ BY C.STIELPER	CS	ELCPS		20130724		
		14.80029	911105	PUMP,SEWAGE #5	25	4	stielperc 64972	CS	MCNPS		20130801		
		14.80526	910007	RECORDER,METWELL,LEVEL	30	4	stielperc 64972	CS	INSPS	20130821	20130812		
		14.80529	911105	PUMP,SEWAGE #5	30	4	stielperc 6 4972	CS	MCNPS	20130801	20130812		
		14.80534	911000	FACILITY,EASTERN AVENUE	25	4	in lower offices stielper 64972	CS	BLDG		20130814		
		14.80537	910004	RECORDER/TOTALIZER FLOW	30	4	stielper 64972	CS	INSPS	20130821	20130816		
		14.80538	910007	RECORDER,METWELL,LEVEL	30	4	REQ BY R BARTON JR	RBJ	MCNFB	20130816	20130816		
		14.80539	910004	RECORDER/TOTALIZER FLOW	30	4	REQ BY R BARTON JR	RBJ	MCNFB	20130816	20130816		
		14.80545	918944	TRIMMER,LINE # 0756	30	30	stielperc 64972	CS	MECH	20130824	20130823		
		14.80545	918944	TRIMMER,LINE # 0756	30	30	stielperc 64972	CS	MCNPS	20130824	20130823		
		14.80553	919035	DUMPSITE,(SOUTH)	25	4	see c stielper 64972	CS	MCNFB		20130829		
		14.80787	913102	SCREEN,BAR (SOUTH)	25	30	L Amasia 6-9738 att Dennis Cooper	LMA	MCNFB		20130905		
		14.80789	919023	POWER,RIDING GRAVELY(IN S	25	4	stielperc 64972	CS	MCNPS		20130906		
		14.80795	911103	PUMP,SEWAGE #3	30	4	stielperc 64972	CS	MCNPS	20130913	20130912		
		14.80811	911000	FACILITY,EASTERN AVENUE	25	4	REQ BY R BARTON JR	RBJ	HA		20130923		
Location EASTER: COUNT 38													
JF		13.81911	924102	SCREEN,BAR #2(FRONT CLEAN	30	4	HOOKS 69701		MCNFB	20130719	20130327		
		13.82707	924302	DRIVE,#2 BAR SCREEN	30	4	MACHINING PLATE,REQ BY W.HOOKS 69701	WH	MCNFB	20130827	20130612		
		13.82730	928003	VFD,#2 SEWAGE PUMP(CPY900	30	4	REQUESTER: K. KUBSKI 6-4972.	KK	ELCPS	20130703	20130703		
		13.82730	928003	VFD,#2 SEWAGE PUMP(CPY900	30	4	REQUESTER: K. KUBSKI 6-4972.	KK	ELC	20130703	20130703		
		13.82731	921202	MOTOR,SEWAGE PUMP #2	30	4	stielperc 64972	CS	ELCPS	20130715	20130703		
		14.80005	921000	FACILITY,JONES FALLS	30	4	stielperc 64972	CS	ELCPS	20130712	20130711		
		14.80017	1	924202	MOTOR,#2 BAR SCREEN	30	4	req by c.stielper	CS	ELCPS	20130722	20130723	
		14.80017	2	924202	MOTOR,#2 BAR SCREEN	30	4	req by c.stielper	CS	MCNPS	20130722	20130723	
		14.80028	921201	MOTOR,SEWAGE PUMP #1	30	4	stielperc 64972	CS	ELCPS	20130819	20130801		
		14.80542	192036	INCINER,#1 MAIN 2.4KV(LE	25	4	requester R slayton 6-9748	RLS	ELCPS		20130822		
		14.80543	926301	GENERATOR,EMERGENCY SET	30	4	stielper 64972	CS	ELCPS	20130826	20130822		
		14.80562	928002	VFD,#1 SEWAGE PUMP(CPY900	25	30	stielperc 64972	CS	ELCPS		20130828		
		14.80557	924102	SCREEN,BAR #2(FRONT CLEAN	30	4	stielperc 64972	CS	MCNPS	20130829	20130903		
		14.80797	926301	GENERATOR,EMERGENCY SET	25	30	to generator power requester R Slayton 6-9748	RLS	ELCPS		20130912		
		14.80801	924201	MOTOR,#1 BAR SCREEN	30	4	in auto stielperc 64972	CS	ELCPS	20130913	20130913		

Pumping Station																
JF LOCPD MCST QUAD WSTPT																
COUNT 18																
Co. No.	Area	Loc.	W/O Number	Machine Number	Machine Description	M/C	Sts	Full Problem	Req. By	Craft Code	MO Cmpl Date	MO Issue Date	Shtdm Class			
11 PUMPING ST JF																
		14.80806	2	923502	TANK, SEAL WATER (OPEN)	#1	30	3D seal water system stielperc	CS	MCIPS	20130918	20130917				
		14.80806	1	923502	TANK, SEAL WATER (OPEN)	#1	25	3D seal water system stielperc	CS	ELCPS		20130917				
		14.80814	920003	RECORDER/TOTALIZER, NORTH	30	4	STIELPERC	5194	CS	INSPS	20130930	20130930				
Location JF:																
COUNT 18																
LOCPD																
		13.82735	985000	FACILITY, LOCUST POINT	30	4	stielperc	65194	CS	INSPS	20130709	20130709				
		14.80535	985017	MONITOR, MULTI-GAS SYSTEM	25	4	RED BY R BARTON JR		RBJ	INSPS		20130815				
		14.80536	2	988101	PUMP, SUMP	30	4	stielperc	CS	MCIPS	20130815	20130816				
		14.80536	1	988101	PUMP, SUMP	30	4	stielperc	CS	ELCPS	20130815	20130816				
Location LOCPD:																
COUNT 4																
MCST																
		14.80018	975000	FACILITY, MCCOMAS	30	3D	RED BY J. MAROCK G-9748		JCM	ELCPS	20130723	20130723				
		14.80019	977601	GENERATOR, EMERGENCY SET	30	4	stielperc	64972	CS	ELCPS	20130723	20130723				
		14.80521	975201	MOTOR, SEWAGE PUMP #1	30	4	stielperc	64972	CS	ELCPS	20130807	20130807				
		14.80525	975029	BUBBLER	30	4	stielperc	64972	CS	INSPS	20130812	20130808				
		14.80547	978101	PUMP, SUMP	30	2	stielperc	64092	CS	MCIPS	20130824	20130826				
		14.80548	2	978101	PUMP, SUMP	30	4	RED .BY H.HOOKS	WH	MCIPS	20130826	20130826				
		14.80548	1	978101	PUMP, SUMP	30	4	RED .BY H.HOOKS	WH	ELCPS	20130826	20130826				
		14.80550	975000	FACILITY, MCCOMAS	30	4	problem	64972	CS	ELCPS	20130827	20130827				
		14.80556	975102	PUMP, SEWAGE #2	30	4	stielperc	64972	CS	MCIPS	20130904	20130903				
		14.80788	978101	PUMP, SUMP	30	4	L Amasia G-9738 att Rob Debelius		LHA	MCIPS	20130825	20130905				
		14.80793	975029	BUBBLER	30	4	stielperc	64972	CS	INSPS	20130911	20130910				
		14.80794	977802	PANEL, MAIN BREAKER	30	4	stielperc	65194	CS	ELCPS	20130911	20130912				
		14.80796	975101	PUMP, SEWAGE #1	30	4	stielperc	64972	CS	MCIPS	20130913	20130912				
Location MCST:																
COUNT 13																
QUAD																
		13.82693	930017	DETECTOR, BAR SCREEN GAS	30	4	RED BY R BARTON JR		RBJ	INSPS	20130723	20130607				
		13.82737	932102	VALVE, #2 PUMP CONE (DISCHA	30	2	not working } stielperc	64972	CS	ELCPS	20130709	20130710				
		13.82738	931201	MOTOR, #1 SEWAGE PUMP (SUMP	30	4	stielperc	6972	CS	ELCPS	20130710	20130710				
		14.80001	932102	VALVE, #2 PUMP CONE (DISCHA	30	4	stielperc	64972	CS	MCIPS	20130710	20130710				
		14.80531	931101	PUMP, #1 SEWAGE (SUPERSTBL	30	4	part} of pump stielper	64972	CS	MCIPS	20130819	20130814				
		14.80532	931102	PUMP, #2 SEWAGE (SUPERSTBL	30	4	part }housing stielper	64972	CS	MCIPS	20130819	20130814				
		14.80533	931103	PUMP, #3 SEWAGE (SUPERSTBL	30	4	housing } stielper	64972	CS	MCIPS	20130819	20130814				
		14.80808	2	932102	VALVE, #2 PUMP CONE (DISCHA	30	3D	wont open stielper	CS	MCIPS	20130920	20130923				
		14.80808	1	932102	VALVE, #2 PUMP CONE (DISCHA	30	3D	wont open stielper	CS	ELCPS	20130920	20130923				
		14.80809	1	932103	VALVE, #3 PUMP CONE (DISCHA	25	4	stielper c	CS	ELCPS		20130923				
		14.80809	2	932103	VALVE, #3 PUMP CONE (DISCHA	25	4	stielper c	CS	MCIPS		20130923				
		14.80812	930029	BUBBLER SYSTEM	30	3D	stielperc	64972	CS	INSPS	20130927	20130927				
		14.80813	930102	RADAR, NET WELL LEVEL	25	4	probe level detector stielperc	64972	CS	INSPS		20130927				
		14.80815	931000	FACILITY, QUAD AVENUE	25	4	STIELPERC	65194	CS	ELCPS		20130930				

Pumping Station Issued Mike/Keith W/O's Locations:
JUL. 01,'13 - SEP. 30,'13 ---> Brooklyn Dundalk Eastern Ave
** PM only ** ---> Jones Falls Locust Point McComas St.
---> Quad Avenue Westport

QUERY NAME WOCOMPMSAL
LIBRARY NAME MONTHLYRUN

FILE	LIBRARY	MEMBER	FORMAT
WSMST00	MMS810F	WSMST00	WSMST00R
WSMST31	MMS810F	WSMST31	WSMST31R

DATE 10/10/13
TIME 14:26:04

Issued W/O's - Pump Stations (PM only) (D)

10/10/13 14:26:04

Total Issued W/O's
JUL. 01, '13 - SEP. 30, '13 **BRKLYN DUNDAL EASTER JF** as of 14:26:04
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 10/10/13

Mike/Keith Locations:
WOCMPMSAL
PAGE 1

Co. Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	WO	Cmplt	Wrk	Craft	Short
No	Center	Loc	Id	WO	Sts	Suf	Date	Issue	Sts	Date	Type	Code	Description
11	PUMPING ST BRKLYN	14.80164		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80164		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80165		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80165		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80166		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80166		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80167		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80168		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS
		14.80169		25	P	20130801	PM	PM	PM	PM	PM	PM	INSPECT, CHECK VARIOUS COMPONENTS
		14.80170		25	P	20130801	PM	PM	PM	PM	PM	PM	INSPECT, CHECK VARIOUS COMPONENTS
		14.80171		25	P	20130801	PM	PM	PM	PM	PM	PM	LUBRICATION AND CHECKS
		14.80172		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK UNIT (GEAR REDUCER)
		14.80173		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
		14.80174		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
		14.80175		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
		14.80176		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
		14.80177		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE UNIT
		14.80178		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE
		14.80179		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE
		14.80180		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE
		14.80181		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE
		14.80182		25	P	20130801	PM	PM	PM	PM	PM	PM	CLEAN AND LUBRICATE
		14.80183		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS UNITS
		14.80184		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS UNITS
		14.80185		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS UNITS
		14.80186		25	P	20130801	PM	PM	PM	PM	PM	PM	INSPECTION
		14.80187		25	P	20130801	PM	PM	PM	PM	PM	PM	INSPECTION
		14.80188		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
		14.80189		25	P	20130801	PM	PM	PM	PM	PM	PM	INSPECT NORMAL OPERATION
		14.80190		25	P	20130801	PM	PM	PM	PM	PM	PM	INSPECT NORMAL OPERATION
		14.80191		25	P	20130801	PM	PM	PM	PM	PM	PM	CHECK NORMAL OPERATION
		14.80342		30	P	20130801	PM	ELCPS	20130805	20130805	PM	ELCPS	INSPECT AND LUBRICATE
		14.80343		30	P	20130801	PM	ELCPS	20130805	20130805	PM	ELCPS	INSPECT AND LUBRICATE
		14.80344		30	P	20130801	PM	ELCPS	20130805	20130805	PM	ELCPS	INSPECT AND LUBRICATE
		14.80345		30	P	20130801	PM	ELCPS	20130805	20130805	PM	ELCPS	INSPECT AND LUBRICATE
		14.80346		30	P	20130801	PM	ELCPS	20130805	20130805	PM	ELCPS	INSPECT AND LUBRICATE
		14.80347		30	P	20130801	PM	ELCPS	20130805	20130805	PM	ELCPS	INSPECT AND LUBRICATE
		14.80348		30	P	20130801	PM	ELCPS	20130805	20130805	PM	ELCPS	INSPECT AND LUBRICATE
		14.80349		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80350		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80351		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80352		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80353		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80354		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80355		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80356		30	P	20130801	PM	ELCPS	20130806	20130806	PM	ELCPS	INSPECT AND LUBRICATE
		14.80455		30	P	20130801	PM	INSPS	20130913	20130913	PM	INSPS	INSPECTION
		14.80456		30	P	20130801	PM	INSPS	20130913	20130913	PM	INSPS	INSPECTION

JUL. 01, '13 - SEP. 30, '13

JF**

as of 14:26:04

PUMPING STATIONS - PM only

**LOCPO MCST GUAD WSTPT ** on 10/10/13

Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date		Type	Code	Description
		Id	Number									
11	PUMPING ST BRKLYN	14.80457	14.80457	30	P	20130801	20130912	PM	INSPS	INSPECTION		
		14.80458	14.80458	30	P	20130801	20130912	PM	INSPS	INSPECTION		
		14.80459	14.80459	30	P	20130801	20130910	PM	INSPS	INSPECTION		
		14.80460	14.80460	30	P	20130801	20130909	PM	INSPS	INSPECTION		
		14.80461	14.80461	30	P	20130801	20130909	PM	INSPS	INSPECTION		
		14.80462	14.80462	30	P	20130801	20130909	PM	INSPS	INSPECTION		
		14.80463	14.80463	30	P	20130801	20130910	PM	INSPS	CHECK COMPONENTS		
		14.80464	14.80464	30	P	20130801	20130912	PM	INSPS	INSPECTION		
		14.80465	14.80465	25	P	20130801		PM	INSPS	INSPECTION		
		14.80466	14.80466	30	P	20130801	20130910	PM	INSPS	INSPECTION		
		14.80467	14.80467	30	P	20130801	20130910	PM	INSPS	INSPECTION		
		14.80468	14.80468	30	P	20130801	20130913	PM	INSPS	CLEAN AND INSPECT		
		14.80469	14.80469	30	P	20130801	20130913	PM	INSPS	CLEAN AND INSPECT		
		14.80504	14.80504	25	P	20130802		PM	HA	INSPECT, TEMP. DEVICE		
		14.80505	14.80505	25	P	20130802		PM	HA	CLEAN AND INSPECT		
		14.80506	14.80506	25	P	20130802		PM	HA	INSPECTION		
		14.80516	14.80516	25	P	20130805		PM	BLDG	INSPECT/REPAIR/PLUMBING-ETC.		
		14.80517	14.80517	25	P	20130805		PM	BLDG	INSPECT AND REPAIR		
		14.80606	14.80606	25	P	20130904		PM	PM	CHECK VARIOUS COMPONENTS		
		14.80607	14.80607	25	P	20130904		PM	PM	CHECK VARIOUS COMPONENTS		
		14.80667	14.80667	30	P	20130904	20130909	PM	INSPS	INSPECTION		
		14.80668	14.80668	30	P	20130904	20130909	PM	INSPS	INSPECTION		
		14.80669	14.80669	30	P	20130904	20130909	PM	INSPS	INSPECTION		
		14.80670	14.80670	30	P	20130904	20130910	PM	INSPS	INSPECTION		
		14.80671	14.80671	25	P	20130904		PM	INSPS	INSPECTION		
		14.80672	14.80672	30	P	20130904	20130910	PM	INSPS	INSPECTION		
		14.80673	14.80673	30	P	20130904	20130910	PM	INSPS	INSPECTION		
		14.80704	14.80704	25	P	20130904		PM	MCHPS	INSPECTION		
		14.80773	14.80773	30	P	20130904	20130913	PM	ELCPS	INSPECT AND CLEAN		
Total W/O's for Location BRKLYN:												
COUNT 77												
DUNDAL												
		14.80118	14.80118	25	P	20130801		PM	PM	INSPECT AND LUBRICATE		
		14.80119	14.80119	25	P	20130801		PM	PM	INSPECT AND LUBRICATE		
		14.80120	14.80120	25	P	20130801		PM	PM	INSPECT AND LUBRICATE		
		14.80121	14.80121	25	P	20130801		PM	PM	INSPECT AND LUBRICATE		
		14.80122	14.80122	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80123	14.80123	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80124	14.80124	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80125	14.80125	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80126	14.80126	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80127	14.80127	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80128	14.80128	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80129	14.80129	25	P	20130801		PM	PM	TEST AND LUBRICATE		
		14.80130	14.80130	25	P	20130801		PM	PM	INSPECT AND LUBRICATE		
		14.80131	14.80131	25	P	20130801		PM	PM	INSPECT AND LUBRICATE		
		14.80132	14.80132	25	P	20130801		PM	PM	INSPECT AND LUBRICATE		

10/10/13 14:26:04

Total Issued W/O's

Mike/Kelth Locations:

WCOMPMSAL

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JUL. 01,'13 - SEP. 30,'13

BRKLYN DUNDAL EASTER JF as of 14:26:04

PUMPING STATIONS - PM only

**LOCPO MCST QUAD WSTPT ** on 10/10/13

Co No	Cost Center	Cost Loc Id	Parent WO	Suf	WO	Sts	TYPE	WO	Issue Date	WO Cmplt Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST DUNDAL	14.80133			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80134			25	P	20130801	PM	20130801	PM	PM	PM	MONTHLY INSPECTION
		14.80135			25	P	20130801	PM	20130801	PM	PM	PM	MONTHLY INSPECTION
		14.80136			25	P	20130801	PM	20130801	PM	PM	PM	OIL CHANGE (REDUCER)
		14.80137			25	P	20130801	PM	20130801	PM	PM	PM	OIL CHANGE (REDUCER)
		14.80138			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBE
		14.80139			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBE GATE
		14.80140			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBE GATE
		14.80141			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBE GATE
		14.80142			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBE GATE
		14.80143			25	P	20130801	PM	20130801	PM	PM	PM	CLEAN AND LUBRICATE
		14.80144			25	P	20130801	PM	20130801	PM	PM	PM	CLEAN AND LUBRICATE
		14.80145			25	P	20130801	PM	20130801	PM	PM	PM	CLEAN AND LUBRICATE
		14.80146			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80147			25	P	20130801	PM	20130801	PM	PM	PM	MONTHLY INSPECTION
		14.80148			25	P	20130801	PM	20130801	PM	PM	PM	MONTHLY INSPECTION
		14.80149			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80149			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80150			25	P	20130801	PM	20130801	PM	PM	PM	INSPECTION.
		14.80151			25	P	20130801	PM	20130801	PM	PM	PM	INSPECTION.
		14.80152			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80153			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80154			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80155			25	P	20130801	PM	20130801	PM	PM	PM	INSPECT AND LUBRICATE
		14.80156			25	P	20130801	PM	20130801	PM	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
		14.80157			25	P	20130801	PM	20130801	PM	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
		14.80158			25	P	20130801	PM	20130801	PM	PM	PM	QUARTERLY INSPECTION AND LUBRICATION
		14.80158			25	P	20130801	PM	20130801	PM	PM	PM	QUARTERLY INSPECTION AND LUBRICATION
		14.80159			25	P	20130801	PM	20130801	PM	PM	PM	OBSERVE OPERATION, LUBRICATION
		14.80160			25	P	20130801	PM	20130801	PM	PM	PM	OBSERVE OPERATION, LUBRICATION
		14.80161			25	P	20130801	PM	20130801	PM	PM	PM	MONTHLY INSPECTION
		14.80162			25	P	20130801	PM	20130801	PM	PM	PM	MONTHLY INSPECTION
		14.80163			25	P	20130801	PM	20130801	PM	PM	PM	INSPECTION
		14.80257			30	P	20130801	PM	20130801	20130827	PM	MCHPS	INSPECTION
		14.80258			25	P	20130801	PM	20130801	PM	PM	MCHPS	INSPECTION
		14.80259			30	P	20130801	PM	20130801	20130829	PM	MCHPS	CLEAN VACUUM LINES
		14.80260			30	P	20130801	PM	20130801	20130829	PM	MCHPS	CLEAN VACUUM LINES
		14.80308			30	P	20130801	PM	20130801	20130814	PM	ELCPS	INSPECTION,(CONTROLS).
		14.80309			30	P	20130801	PM	20130801	20130814	PM	ELCPS	CLEAN/INSPECT/CALIBRT.MERCOID SWITCHES.
		14.80310			30	P	20130801	PM	20130801	20130814	PM	ELCPS	CLEAN/INSPECT/CALIBRT.
		14.80311			30	P	20130801	PM	20130801	20130814	PM	ELCPS	CLEAN/INSPECT/CALIBRT.
		14.80312			30	P	20130801	PM	20130801	20130814	PM	ELCPS	INSPECT AND LUBRICATE
		14.80313			30	P	20130801	PM	20130801	20130814	PM	ELCPS	INSPECT AND LUBRICATE
		14.80314			30	P	20130801	PM	20130801	20130814	PM	ELCPS	INSPECT AND LUBRICATE
		14.80315			25	P	20130801	PM	20130801	20130919	PM	ELCPS	LUBRICATE MOTOR
		14.80316			25	P	20130801	PM	20130801	20130919	PM	ELCPS	CHECK OPERATOIN.
		14.80317			25	P	20130801	PM	20130801	20130919	PM	ELCPS	CHECK OPERATOIN.
		14.80318			25	P	20130801	PM	20130801	20130919	PM	ELCPS	CHECK OPERATOIN.

Co No	Cost Center	Cost Loc Id	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST DUNDAL	14.80319	25	P	20130801	20130919	PM	ELCPS	CHECK OPERATOIN.		
		14.80320	30	P	20130801	20130905	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80321	30	P	20130801	20130905	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80322	30	P	20130801	20130905	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80323	30	P	20130801	20130905	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80324	30	P	20130801	20130905	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80325	25	P	20130801		PM	ELCPS	CHECK OPERATION/INSPECTION		
		14.80326	25	P	20130801		PM	ELCPS	CHECK OPERATION/INSPECTION		
		14.80327	30	P	20130801	20130905	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80328	30	P	20130801	20130911	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80329	30	P	20130801	20130911	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80330	30	P	20130801	20130911	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80331	30	P	20130801	20130911	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80332	25	P	20130801		PM	ELCPS	INSPECT AND LUBRICATE		
		14.80333	30	P	20130801	20130905	PM	ELCPS	INSPECT AND LUBRICATE		
		14.80334	25	P	20130801		PM	ELCPS	CLEAN & INSPECT MOTOR (FIELD)		
		14.80335	30	P	20130801	20130905	PM	ELCPS	INSPECT TEMPERATURE DEVICE		
		14.80336	25	P	20130801		PM	ELCPS	CLEAN AND INSPECT		
		14.80336	25	P	20130801		PM	ELCPS	CLEAN AND INSPECT		
		14.80337	25	P	20130801		PM	ELCPS	CLEAN AND INSPECT		
		14.80337	25	P	20130801		PM	ELCPS	CLEAN AND INSPECT		
		14.80439	30	P	20130801	20130920	PM	INSPS	INSPECT AND CALIBRATE		
		14.80440	30	P	20130801	20130920	PM	INSPS	INSPECTION		
		14.80441	30	P	20130801	20130902	PM	INSPS	INSPECTION		
		14.80442	25	P	20130801		PM	INSPS	INSPECTION		
		14.80443	25	P	20130801		PM	INSPS	INSPECTION		
		14.8044	25	P	20130801		PM	INSPS	PURGE TRANSMITTER.		
		14.80445	30	P	20130801	20130918	PM	INSPS	INSPECT AND CALIBRATE		
		14.80446	30	P	20130801	20130918	PM	INSPS	CLEAN/INSPECT/CALIBRATE		
		14.80447	30	P	20130801	20130918	PM	INSPS	CLEAN/INSPECT/CALIBRATE		
		14.80448	30	P	20130801	20130918	PM	INSPS	CLEAN/INSPECT/CALIBRATE		
		14.80449	30	P	20130801	20130917	PM	INSPS	INSPECTION		
		14.80450	30	P	20130801	20130917	PM	INSPS	INSPECTION		
		14.80451	30	P	20130801	20130916	PM	INSPS	INSPECTION		
		14.80452	25	P	20130801		PM	INSPS	INSPECTION		
		14.80453	30	P	20130801	20130917	PM	INSPS	INSPECT AND CLEAN		
		14.80503	30	P	20130802	20130813	PM	HA	CHANGE AIR FILTERS		
		14.80514	25	P	20130805		PM	BLDG	INSPECT AND REPAIR		
		14.80660	25	P	20130904		PM	INSPS	INSPECT AND CALIBRATE		
		14.80661	25	P	20130904		PM	INSPS	INSPECTION		
		14.80662	25	P	20130904		PM	INSPS	PURGE TRANSMITTER.		
		14.80663	25	P	20130904		PM	INSPS	INSPECT AND CALIBRATE		
		14.80664	30	P	20130904	20130916	PM	INSPS	INSPECTION		
		14.80665	25	P	20130904		PM	INSPS	INSPECTION		
		14.80666	30	P	20130904	20130917	PM	INSPS	INSPECT AND CLEAN		
		14.80703	30	P	20130904	20130905	PM	MCHPS	INSPECTION		
		14.80751	25	P	20130904		PM	ELEC	CHECK, BATTERIES& LIGHT		
		14.80752	25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE		

Co No	Cost Center	Cost Loc Id	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmplt Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST DUNDAL		14.80753		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80754		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80755		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80756		25	P	20130904		PM	ELCPS	TEST AND INSPECT
			14.80757		25	P	20130904		PM	ELCPS	TEST AND INSPECT
			14.80758		25	P	20130904		PM	ELCPS	TEST AND INSPECT
			14.80759		25	P	20130904		PM	ELCPS	TEST AND INSPECT
			14.80760		25	P	20130904		PM	ELCPS	TEST AND INSPECT
			14.80761		25	P	20130904		PM	ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL.
			14.80762		25	P	20130904		PM	ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL.
			14.80763		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80764		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80765		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80766		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80766		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80767		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80768		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80768		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT

Total W/O's for Location DUNDAL:
COUNT 129

EASTER	14.80037	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
	14.80038	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
	14.80039	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
	14.80040	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
	14.80041	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
	14.80042	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
	14.80043	25	P	20130801	PM	PM	INSPECT AND LUBE
	14.80044	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80045	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80046	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80047	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80048	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80049	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80050	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80051	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80052	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80053	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80054	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80055	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80057	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80058	25	P	20130801	PM	PM	INSPECT AND LUBRICATE.
	14.80059	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS
	14.80060	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS
	14.80061	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS
	14.80062	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS
	14.80063	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS

10/10/13 14:26:04

Total Issued W/O's
JUL. 01,'13 - SEP. 30,'13
PUMPING STATIONS - PM only

Mike/Keith Locations:
**BRKLYN DUNDAL EASTER
**LOCPO MCST QUAD WSTPT **

as of 14:26:04
on 10/10/13

Co No	Cost Center	Cost Loc Id	Parent WO	WO Suf	WO Sfs	TYPE	WO Issue Date	WO Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER		14.80063		25	P	20130801		PM	PM	CHECK VARIOUS COMPONENTS
			14.80064		25	P	20130801		PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS
			14.80065		25	P	20130801		PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS
			14.80066		25	P	20130801		PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS
			14.80067		25	P	20130801		PM	PM	LUBRICATION AND CHECKS
			14.80068		25	P	20130801		PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)
			14.80069		25	P	20130801		PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)
			14.80070		25	P	20130801		PM	PM	LUBRICATION AND CHECKS
			14.80071		25	P	20130801		PM	PM	CHECK GATE AND LUBRICATE
			14.80072		25	P	20130801		PM	PM	CHECK GATE AND LUBRICATE
			14.80073		25	P	20130801		PM	PM	CHECK GATE AND LUBRICATE
			14.80074		25	P	20130801		PM	PM	CHECK GATE AND LUBRICATE
			14.80075		25	P	20130801		PM	PM	CLEAN AND LUBRICATE
			14.80076		25	P	20130801		PM	PM	CLEAN AND LUBRICATE
			14.80077		25	P	20130801		PM	PM	CLEAN AND LUBRICATE
			14.80078		25	P	20130801		PM	PM	CLEAN AND LUBRICATE
			14.80079		25	P	20130801		PM	PM	CHECK VARIOUS UNITS
			14.80080		25	P	20130801		PM	PM	CHECK VARIOUS UNITS
			14.80081		25	P	20130801		PM	PM	CHECK VARIOUS UNITS
			14.80082		25	P	20130801		PM	PM	CHECK VARIOUS UNITS
			14.80083		25	P	20130801		PM	PM	INSPECTION
			14.80084		25	P	20130801		PM	PM	INSPECTION
			14.80085		25	P	20130801		PM	PM	CHANGE OIL AND FILTER.
			14.80086		25	P	20130801		PM	PM	INSPECT AND LUBE
			14.80087		25	P	20130801		PM	PM	INSPECT NORMAL OPERATION
			14.80088		25	P	20130801		PM	PM	INSPECT NORMAL OPERATION
			14.80089		25	P	20130801		PM	PM	INSPECT NORMAL OPERATION
			14.80090		25	P	20130801		PM	PM	INSPECT NORMAL OPERATION
			14.80091		25	P	20130801		PM	PM	INSPECT NORMAL OPERATION
			14.80092		25	P	20130801		PM	PM	INSPECT VARIOUS COMPONENTS
			14.80093		25	P	20130801		PM	PM	INSPECT VARIOUS COMPONENTS
			14.80093		25	P	20130801		PM	PM	INSPECT VARIOUS COMPONENTS
			14.80094		25	P	20130801		PM	PM	INSPECT VARIOUS COMPONENTS
			14.80240		25	P	20130801		PM	PM	INSPECTION
			14.80250		30	P	20130801	20130813	PM	MCHPS	CLEAN VACUUM LINES #1 THRU #6 PUMPS
			14.80251		30	P	20130801	20130816	PM	MCHPS	INSPECTION
			14.80252		30	P	20130801	20130820	PM	MCHPS	INSPECTION
			14.80266		25	P	20130801		PM	ELCPS	INSPECT AND LUBRICATE
			14.80267		25	P	20130801		PM	ELCPS	CHECK VARIOUS UNITS
			14.80268		25	P	20130801		PM	ELCPS	CHECK VARIOUS UNITS
			14.80406		30	P	20130801	20130816	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80407		30	P	20130801	20130807	PM	INSPS	INSPECT/CLEAN/CALIBRATE
			14.80408		30	P	20130801	20130807	PM	INSPS	INSPECT/CLEAN/CALIBRATE
			14.80409		30	P	20130801	20130807	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80410		30	P	20130801	20130816	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80411		30	P	20130801	20130808	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80412		30	P	20130801	20130816	PM	INSPS	CLEAN/INSPECT/CALIBRATE

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Total Issued W/O's
JUL. 01,'13 - SEP. 30,'13
PUMPING STATIONS - PM only

Mike/Keith Locations:
BRKLYN DUNDAL EASTER JF
**LOCPO MCST QUAD WSTPT **

as of 14:26:04
on 10/10/13

Co No	Cost Center	Cost Loc Id	Parent WO	Suf	WO	Sts	TYPE	WO	Issue Date	WO Cmpl't Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER	14.80413			30	P	P	20130801	20130801	20130806	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80414			30	P	P	20130801	20130801	20130808	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80415			30	P	P	20130801	20130801	20130808	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80416			30	P	P	20130801	20130801	20130806	PM	INSPS	INSPECTION
		14.80417			30	P	P	20130801	20130801	20130806	PM	INSPS	INSPECTION
		14.80418			30	P	P	20130801	20130801	20130808	PM	INSPS	CLEAN AND INSPECT
		14.80494			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80495			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80496			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80497			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80498			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80499			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80500			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80501			25	P	P	20130802	20130802		PM	HA	INSPECT & CLEAN FILTERS (MUSEUM)
		14.80502			25	P	P	20130802	20130802		PM	HA	CHANGE AIR FILTERS
		14.80509			25	P	P	20130805	20130805		PM	BLDG	EXTERMINATE LOCKER RM.LOWER LEVEL.
		14.80510			25	P	P	20130805	20130805		PM	BLDG	INSPECT/REPAIR/PLUMBING-ETC.
		14.80511			25	P	P	20130805	20130805		PM	BLDG	INSPECT AND REPAIR
		14.80512			25	P	P	20130805	20130805		PM	BLDG	COMPUTER PAPER PICK-UP
		14.80564			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80565			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80566			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80567			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80568			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80569			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80570			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80571			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80572			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80573			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80574			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80576			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80577			25	P	P	20130904	20130904		PM	PM	INSPECT AND LUBRICATE.
		14.80578			25	P	P	20130904	20130904		PM	PM	CHANGE OIL AND FILTER.
		14.80579			25	P	P	20130904	20130904		PM	PM	CHANGE OIL AND FILTER.
		14.80580			25	P	P	20130904	20130904		PM	PM	INSPECTION
		14.80581			25	P	P	20130904	20130904		PM	PM	INSPECTION
		14.80582			25	P	P	20130904	20130904		PM	PM	INSPECTION
		14.80638			25	P	P	20130904	20130904		PM	BLDG	EXTERMINATE LOCKER RM.LOWER LEVEL.
		14.80639			25	P	P	20130904	20130904		PM	BLDG	COMPUTER PAPER PICK-UP
		14.80640			25	P	P	20130904	20130904		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80641			25	P	P	20130904	20130904		PM	INSPS	INSPECT/CLEAN/CALIBRT
		14.80642			30	P	P	20130904	20130904	20130924	PM	INSPS	INSPECT/CLEAN/CALIBRATE
		14.80643			30	P	P	20130904	20130904	20130924	PM	INSPS	INSPECT/CLEAN/CALIBRATE
		14.80644			25	P	P	20130904	20130904		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80645			25	P	P	20130904	20130904		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80646			25	P	P	20130904	20130904		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80647			25	P	P	20130904	20130904		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.80648			25	P	P	20130904	20130904		PM	INSPS	CLEAN/INSPECT/CALIBRATE

10/10/13 14:26:04

Total Issued W/O's

Mike/Keith Locations:

WOCOMPSAL

PAGE 8

JUL. 01,'13 - SEP. 30,'13

JF**

as of 14:26:04

PUMPING STATIONS - PM only

**LOCPO MCST QUAD WSTPT ** on 10/10/13

Co No	Cost Center	Cost Loc Id	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER		14.80649		25	P	20130904		PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80650		30	P	20130904	20130923	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80651		25	P	20130904		PM	INSPS	INSPECT PRESSURE DEVICES
			14.80652		30	P	20130904	20130923	PM	INSPS	INSPECTION
			14.80653		30	P	20130904	20130923	PM	INSPS	INSPECTION
			14.80654		30	P	20130904	20130923	PM	INSPS	CLEAN AND INSPECT
			14.80692		25	P	20130904		PM	MCHPS	INSPECTION
			14.80693		25	P	20130904		PM	MCHPS	INSPECTION
			14.80694		25	P	20130904		PM	MCHPS	INSPECTION
			14.80695		25	P	20130904		PM	MCHPS	INSPECTION
			14.80696		25	P	20130904		PM	MCHPS	INSPECTION
			14.80697		25	P	20130904		PM	MCHPS	INSPECTION
			14.80698		25	P	20130904		PM	MCHPS	INSPECTION
			14.80699		25	P	20130904		PM	MCHPS	INSPECTION
			14.80700		25	P	20130904		PM	MCHPS	INSPECTION
			14.80710		25	P	20130904		PM	ELEC	CHECK, BATTERIES& LIGHT
			14.80711		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80712		25	P	20130904	20130912	PM	ELCPS	INSPECT AND LUBRICATE
			14.80713		25	P	20130904	20130912	PM	ELCPS	INSPECT AND LUBRICATE
			14.80714		25	P	20130904	20130912	PM	ELCPS	INSPECT AND LUBRICATE
			14.80715		25	P	20130904	20130912	PM	ELCPS	INSPECT AND LUBRICATE
			14.80716		25	P	20130904	20130912	PM	ELCPS	INSPECT AND LUBRICATE
			14.80717		25	P	20130904	20130912	PM	ELCPS	INSPECT AND LUBRICATE
			14.80718		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80719		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80720		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80721		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80722		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80723		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80724		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80725		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80726		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80727		25	P	20130904	20130917	PM	ELCPS	INSPECT AND LUBRICATE
			14.80728		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80729		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80730		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80731		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80732		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80733		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80734		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80735		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80736		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80736		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80737		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT
			14.80738		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80739		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80740		25	P	20130904		PM	ELCPS	INSPECT AND LUBRICATE
			14.80741		25	P	20130904		PM	ELCPS	CLEAN AND INSPECT

OVERHEAD HOIST
SCREEN RM TROLLEY

Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts			Date		Type	Code	Description
		Id	Number									

Total W/O's for Location EASTER:
COUNT 170

11	PUMPING ST JF	14.80095	25	P	20130801	PM	PM	CLEAN AND LUBRICATE
		14.80096	25	P	20130801	PM	PM	CLEAN AND LUBRICATE
		14.80097	25	P	20130801	PM	PM	CLEAN AND LUBRICATE
		14.80098	25	P	20130801	PM	PM	INSPECT AND LUBRICATE PUMP
		14.80099	25	P	20130801	PM	PM	INSPECT AND LUBRICATE PUMP
		14.80100	25	P	20130801	PM	PM	LUBRICATION AND CHECKS
		14.80101	25	P	20130801	PM	PM	LUBRICATION AND CHECKS
		14.80102	25	P	20130801	PM	PM	MONTHLY CHECKS
		14.80103	25	P	20130801	PM	PM	CHECK OPERATION
		14.80104	25	P	20130801	PM	PM	INSPECTION
		14.80105	25	P	20130801	PM	PM	INSPECTION
		14.80253	30	P	20130801	PM	MCHPS	INSPECTION
		14.80254	30	P	20130801	PM	MCHPS	INSPECTION
		14.80255	30	P	20130801	PM	MCHPS	INSPECTION
		14.80269	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80270	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80271	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80272	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80273	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80274	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80275	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80276	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80277	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80278	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80279	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80280	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80281	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80282	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80283	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80284	30	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80285	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80286	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80287	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80288	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80289	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80290	25	P	20130801	PM	ELCPS	CHECK VARIOUS UNITS
		14.80291	25	P	20130801	PM	ELCPS	CHECK VARIOUS UNITS
		14.80292	25	P	20130801	PM	ELCPS	CHECK VARIOUS UNITS
		14.80293	25	P	20130801	PM	ELCPS	CHECK VARIOUS UNITS
		14.80294	25	P	20130801	PM	ELCPS	CHECK VARIOUS UNITS
		14.80295	25	P	20130801	PM	ELCPS	CHECK VARIOUS UNITS
		14.80296	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80297	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80298	25	P	20130801	PM	ELCPS	INSPECT AND LUBRICATE
		14.80299	25	P	20130801	PM	ELCPS	INSPECT AND CLEAN

Co No	Cost Center	Cost Loc Id	Parent WO	Suf	WO	Sts	TYPE	WO	Issue Date	WO	Cmplt Date	Wrk Type	Craft Code	Short problem Description
11	PUMPING ST JF		14.80300		25	P	P	20130801		PM		ELCPS		INSPECT AND CLEAN
			14.80301		25	P	P	20130801		PM		ELCPS		INSPECT AND CLEAN
			14.80419		30	P	P	20130801	20130829	PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80420		30	P	P	20130801	20130829	PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80421		30	P	P	20130801	20130909	PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80422		30	P	P	20130801	20130909	PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80423		30	P	P	20130801	20130909	PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80424		30	P	P	20130801	20130909	PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80425		30	P	P	20130801	20130829	PM		INSPS		INSPECTION
			14.80426		30	P	P	20130801	20130829	PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80427		30	P	P	20130801	20130827	PM		INSPS		INSPECTION
			14.80428		30	P	P	20130801	20130827	PM		INSPS		CLEAN AND INSPECT
			14.80513		25	P	P	20130805		PM		BLDG		INSPECT AND REPAIR
			14.80583		25	P	P	20130904		PM		PM		INSPECTION.
			14.80584		25	P	P	20130904		PM		PM		CHANGE OIL (REDUCER)
			14.80585		25	P	P	20130904		PM		PM		CHANGE OIL (REDUCER)
			14.80586		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80587		25	P	P	20130904		PM		PM		CLEAN, LUBRICATE
			14.80588		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80589		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80590		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80591		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80592		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80593		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80594		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80595		25	P	P	20130904		PM		PM		LUBRICATE GEAR CASE (18 MONTHS)
			14.80596		25	P	P	20130904		PM		PM		INSPECT AND LUBRICATE CRANE
			14.80597		25	P	P	20130904		PM		PM		INSPECT AND LUBE CRANE
			14.80598		25	P	P	20130904		PM		PM		INSPECTION
			14.80599		25	P	P	20130904		PM		PM		INSPECTION
			14.80600		25	P	P	20130904		PM		PM		INSPECTION
			14.80655		25	P	P	20130904		PM		INSPS		CLEAN/INSPECT/CALIBRATE
			14.80701		30	P	P	20130904	20130910	PM		MCHPS		INSPECTION
			14.80702		30	P	P	20130904	20130910	PM		MCHPS		INSPECTION
			14.80742		25	P	P	20130904		PM		ELCPS		INSPECT AND LUBRICATE
			14.80743		25	P	P	20130904		PM		ELCPS		INSPECT AND LUBRICATE
			14.80744		25	P	P	20130904		PM		ELCPS		INSPECT AND LUBRICATE
			14.80745		25	P	P	20130904		PM		ELCPS		INSPECT AND LUBRICATE
			14.80746		25	P	P	20130904		PM		ELCPS		CHECK VARIOUS UNITS
			14.80747		25	P	P	20130904		PM		ELCPS		INSPECT AND LUBRICATE

Total W/O's for Location JF:
COUNT 85

LOCPO	14.80261	30	P	20130801	20130814	PM	MCHPS	INSPECTION
	14.80394	30	P	20130801	20130916	PM	ELCPS	CLEAN AND LUBRICATE
	14.80395	30	P	20130801	20130820	PM	ELCPS	INSPECTION
	14.80396	30	P	20130801	20130820	PM	ELCPS	CLEAN AND INSPECT

Co No	Cost Center	Cost Loc Id	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST LOCPO		14.80397		30	P	20130801	20130820	PM	ELCPS	CLEAN AND INSPECT
			14.80398		30	P	20130801	20130820	PM	ELCPS	CLEAN AND INSPECT
			14.80398		30	P	20130801	20130820	PM	ELCPS	CLEAN AND INSPECT
			14.80399		30	P	20130801	20130820	PM	ELCPS	CLEAN AND INSPECT
			14.80399		30	P	20130801	20130820	PM	ELCPS	CLEAN AND INSPECT
			14.80483		30	P	20130801	20130808	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80484		30	P	20130801	20130808	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80485		30	P	20130801	20130808	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80487		30	P	20130801	20130809	PM	INSPS	INSPECTION
			14.80488		30	P	20130801	20130809	PM	INSPS	INSPECTION
			14.80489		30	P	20130801	20130809	PM	INSPS	INSPECT AND CLEAN
			14.80627		25	P	20130904		PM	PM	CLEAN FILTER, INSPECT
			14.80628		25	P	20130904		PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.80629		25	P	20130904		PM	PM	INSPECTION
			14.80630		25	P	20130904		PM	PM	CHECK OPERATION
			14.80631		25	P	20130904		PM	PM	TESTING AND LUBRICATION
			14.80632		25	P	20130904		PM	PM	TESTING AND LUBRICATION
			14.80633		25	P	20130904		PM	PM	TESTING AND LUBRICATION
			14.80634		25	P	20130904		PM	PM	TESTING AND LUBRICATION
			14.80635		25	P	20130904		PM	PM	TESTING AND LUBRICATION
			14.80636		25	P	20130904		PM	PM	INSPECT AND LUBRICATE
			14.80637		25	P	20130904		PM	PM	INSPECT AND LUBRICATE
			14.80675		30	P	20130904	20130923	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80676		30	P	20130904	20130924	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80677		30	P	20130904	20130924	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80678		30	P	20130904	20130923	PM	INSPS	INSPECTION
			14.80679		25	P	20130904		PM	INSPS	INSPECTION
			14.80680		25	P	20130904		PM	INSPS	INSPECT AND CLEAN
			14.80780		30	P	20130904	20130912	PM	ELCPS	INSPECTION
			14.80781		30	P	20130904	20130912	PM	ELCPS	CHECK OPERATION/INSPECTION
			14.80782		30	P	20130904	20130912	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
			14.80783		30	P	20130904	20130912	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
			14.80784		30	P	20130904	20130912	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE

Total W/O's for Location LOCPO:
COUNT 37

MCST	14.80206	25	P	20130801	PM	PM	INSPECT AND LUBRICATE
	14.80207	25	P	20130801	PM	PM	INSPECT AND LUBRICATE
	14.80208	25	P	20130801	PM	PM	CLEAN FILTER, INSPECTION
	14.80209	25	P	20130801	PM	PM	CLEAN FILTER, INSPECTION
	14.80210	25	P	20130801	PM	PM	INSPECTION (AIR TANK)
	14.80211	25	P	20130801	PM	PM	CHECK AND LUBE
	14.80212	25	P	20130801	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
	14.80213	25	P	20130801	PM	PM	INSPECTION
	14.80214	25	P	20130801	PM	PM	CHECK OPERATION
	14.80215	25	P	20130801	PM	PM	CHECK OPERATION
	14.80216	25	P	20130801	PM	PM	INSPECT AND LUBE

JUL. 01, '13 - SEP. 30, '13
PUMPING STATIONS - PM only

BRKLYN DUNDAL EASTER JF as of 14:26:04
**LOCPO MCST QUAD WSTPT ** on 10/10/13

Co No	Cost Center	Cost Loc Id	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST	MCST	14.80217		25	P	20130801		PM	PM	INSPECT AND LUBE
			14.80218		25	P	20130801		PM	PM	INSPECT AND LUBRICATE
			14.80219		25	P	20130801		PM	PM	INSPECT AND LUBRICATE
			14.80220		25	P	20130801		PM	PM	INSPECT AND LUBRICATE
			14.80372		30	P	20130801	20121204	PM	ELCPS	CHECK, BATTERIES& LIGHT
			14.80372		30	P	20130801	20121204	PM	ELEC	CHECK, BATTERIES& LIGHT
			14.80373		30	P	20130801	20130805	PM	ELCPS	INSPECT AND LUBRICATE
			14.80374		30	P	20130801	20130805	PM	ELCPS	INSPECT AND LUBRICATE
			14.80375		30	P	20130801	20130806	PM	ELCPS	CLEAN AND LUBRICATE
			14.80376		30	P	20130801	20130805	PM	ELCPS	CLEAN AND LUBRICATE
			14.80377		30	P	20130801	20130805	PM	ELCPS	CLEAN AND LUBRICATE
			14.80378		30	P	20130801	20130805	PM	ELCPS	INSPECT AND LUBRICATE
			14.80379		30	P	20130801	20130805	PM	ELCPS	INSPECTION
			14.80380		30	P	20130801	20130805	PM	ELCPS	CHECK OPERATION/INSPECTION
			14.80381		30	P	20130801	20130805	PM	ELCPS	INSPECT AND LUBRICATE
			14.80477		30	P	20130801	20130920	PM	INSPS	INSPECT AND CALIBRATE
			14.80478		30	P	20130801	20130919	PM	INSPS	INSPECT AND CALIBRATE
			14.80479		30	P	20130801	20130919	PM	INSPS	INSPECT AND CALIBRATE
			14.80480		30	P	20130801	20130919	PM	INSPS	INSPECT AND CALIBRATE
			14.80481		30	P	20130801	20130920	PM	INSPS	INSPECT AND CALIBRATE
			14.80482		30	P	20130801	20130920	PM	INSPS	INSPECT AND CALIBRATE
			14.80519		25	P	20130805		PM	BLDG	INSPECT AND REPAIR
			14.80709		30	P	20130904	20130905	PM	MCHPS	INSPECTION
			14.80779		30	P	20130904	20130911	PM	ELCPS	CHECK, BATTERIES& LIGHT
			14.80779		30	P	20130904	20130911	PM	ELEC	CHECK, BATTERIES& LIGHT

Total W/O's for Location MCST:
COUNT 36

QUAD	14.80106		25	P	20130801		PM	PM	TEST AND LUBRICATE
	14.80107		25	P	20130801		PM	PM	TEST AND LUBRICATE
	14.80108		25	P	20130801		PM	PM	INSPECT AND LUBRICATE
	14.80109		25	P	20130801		PM	PM	INSPECT, LUBRICATE, EXERCISE
	14.80110		25	P	20130801		PM	PM	INSPECT, LUBRICATE, EXERCISE
	14.80111		25	P	20130801		PM	PM	INSPECT, LUBRICATE, EXERCISE
	14.80112		25	P	20130801		PM	PM	INSPECT, LUBRICATE, EXERCISE
	14.80113		25	P	20130801		PM	PM	INSPECT, LUBRICATE, EXERCISE
	14.80114		25	P	20130801		PM	PM	INSPECT, CLEAN FILTER, CHECK OIL
	14.80114		25	P	20130801		PM	PM	INSPECT, CLEAN FILTER, CHECK OIL
	14.80115		25	P	20130801		PM	PM	CHECK FOR WATER.
	14.80116		25	P	20130801		PM	PM	LUBRICATE BEARINGS, GEAR BOX, OIL CHECK
	14.80117		25	P	20130801		PM	PM	LUBRICATE PUMP
	14.80256		30	P	20130801	20130819	PM	MCHPS	INSPECTION
	14.80302		30	P	20130801	20130821	PM	ELCPS	INSPECT AND LUBRICATE
	14.80303		30	P	20130801	20130821	PM	ELCPS	INSPECT AND LUBRICATE
	14.80304		30	P	20130801	20130821	PM	ELCPS	CHECK OPERATION/INSPECTION
	14.80305		30	P	20130801	20130821	PM	ELCPS	CHECK OPERATING CONDITION, BATTERY
	14.80306		30	P	20130801	20130821	PM	ELCPS	INSPECT AND LUBRICATE

Co No	Cost Center	Cost Loc Id	Parent WO	Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wrk Type	Craft Code	Short problem Description
11	PUMPING ST	WSTPT	14.80472		30	P	20130801	20130830	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80473		30	P	20130801	20130828	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80474		30	P	20130801	20130830	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.80475		25	P	20130801		PM	INSPS	INSPECTION
			14.80476		30	P	20130801	20130828	PM	INSPS	INSPECTION
			14.80609		30	P	20130904	20130926	PM	PM	CHECK VARIOUS COMPONENTS
			14.80610		30	P	20130904	20130926	PM	PM	CHECK VARIOUS COMPONENTS
			14.80611		30	P	20130904	20130926	PM	PM	CHECK VARIOUS COMPONENTS
			14.80612		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80613		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80614		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80615		30	P	20130904	20130926	PM	PM	LUBRICATION
			14.80616		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80617		30	P	20130904	20130926	PM	PM	CHECK VARIOUS UNITS
			14.80618		30	P	20130904	20130926	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.80619		30	P	20130904	20130926	PM	PM	INSPECT NORMAL OPERATION
			14.80620		30	P	20130904	20130926	PM	PM	INSPECT NORMAL OPERATION
			14.80621		30	P	20130904	20130926	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
			14.80622		30	P	20130904	20130926	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
			14.80623		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80624		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80625		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80626		30	P	20130904	20130926	PM	PM	INSPECT AND LUBRICATE
			14.80674		25	P	20130904		PM	INSPS	INSPECTION
			14.80708		30	P	20130904	20130905	PM	MCHPS	INSPECTION

Total W/O's for Location WSTPT:
COUNT 50

Total W/O's for Cost Center PUMPING ST:
COUNT 622

Totals for Company 11:
COUNT 622

Co	Cost	Cost	Parent	WO	WO	TYPE	WO	Issue	WO	Wrk	Craft	Short problem
No	Center	Loc	WO	Suf	Sts		Cmplt	Date	Date	Typ	Code	Description
		Id	Number									

FINAL TOTALS
COUNT 622

*** END OF REPORT ***

APPENDIX 5

SUMMARY OF REPORTED OVERFLOWS

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending September 30, 2013

SSO No. 67

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/7/2013	Flow Meter in Place	1.87
06/10/2013	Flow Meter in Place	2.64
06/11/2013	Flow Meter in Place	0.01
06/13/2013	Flow Meter in Place	0.71

SSO No. 72

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/7/2013	Flow Meter in Place	1.87
06/10/2013	Flow Meter in Place	2.64
06/11/2013	Flow Meter in Place	0.01
06/13/2013	Flow Meter in Place	0.71

SSO No. 132

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/10/2013	Flow Meter in Place	2.41

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending September 30, 2013

06/11/2013	Flow Meter in Place	0.00
06/13/2013	Flow Meter in Place	1.20
07/03/2013	Flow Meter in Place	0.69

SSO No. 134

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/7/2013	Flow Meter in Place	1.97
06/10/2013	Flow Meter in Place	2.41
06/11/2013	Flow Meter in Place	0.00
06/13/2013	Flow Meter in Place	1.20
07/03/2013	Flow Meter in Place	0.69

SSO No. 135

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/10/2013	Flow Meter in Place	2.41
06/11/2013	Flow Meter in Place	0.00

SSO No. 137

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/7/2013	Flow Meter in Place	2.32



City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending September 30, 2013

06/10/2013	Flow Meter in Place	3.38
06/11/2013	Flow Meter in Place	0.00
06/13/2013	Flow Meter in Place	1.20

SSO No. 138

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/10/2013	Flow Meter in Place	2.55
07/03/2013	Flow Meter in Place	1.55

SSO No. 139

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
06/10/2013	Flow Meter in Place	2.55
07/03/2013	Flow Meter in Place	1.55

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



City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending September 30, 2013

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

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending September 30, 2013

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
7/1/2013	Evidence of Overflow	Pipe Break, Roots	0.14	N/A	110 W University Pkwy	21218
7/1/2013	60	Rags, Grease, Heavy Rain	0.14	Inner Harbor	1750 E Madison St	21205
7/1/2013	Evidence of Overflow	Rags, Grease	0.14	N/A	22 Horseradish Ln	21202
7/2/2013	Evidence of Overflow	Rags	0.02	N/A	1242 N Broadway	21213
7/4/2013	Evidence of Overflow	Other: Hardspot	0.00	Gwynns Falls	1006 Mosher St	21217
7/4/2013	Evidence of Overflow	Rags, Grease	0.00	Jones Falls	1312 W 40th St	21211
7/5/2013	67.5	Rags, Grease	0.00	N/A	2559 W Fairmount Ave	21223
7/5/2013	Evidence of Overflow	Grease	0.00	N/A	4022 Pulaski Hwy	21224
7/5/2013	2670	Pipe Break	0.00	Herring Run	5013 Greenhill Ave	21206
7/6/2013	182	Rags, Roots	0.00	Patapsco	4022 Pulaski Hwy	21224
7/8/2013	3303	Rags, Roots	0.01	Jones Falls	119 Overhill Rd	21210
7/8/2013	1410	Rags	0.01	Jones Falls	2537 Brookfield Ave	21217
7/9/2013	2265	Grease	0.00	Herring Run	3101 Pulaski Hwy	21224
7/10/2013	Evidence of Overflow	Rags	0.02	N/A	2535 Brookfield Ave	21217
7/10/2013	8220	Heavy Rain Other Interceptor holding the water back	0.02	Herring Run	Federal St and Orville Rd	21205
7/13/2013	Evidence of Overflow	Rags	0.29	N/A	2315 Belair Rd	21213
7/14/2013	Evidence of Overflow	Rags, Other Toilet Paper	0.00	N/A	4705 Kernwood Ave	21212
7/14/2013	60	Pipe Break, Vandalism	0.00	Herring Run	5209 Eugene Ave	21206
7/15/2013	Evidence of Overflow	N/A	0.00	N/A	219 E North Ave	21202
7/17/2013	172	Grease	0.00	Herring Run	3320 Sinclair Ln	21213
7/17/2013	Evidence of Overflow	Other Cleanout Cap	0.00	Baltimore Harbor	414 S Lehigh St	21224
7/17/2013	Evidence of Overflow	N/A	0.00	N/A	4222 Falls St	21211
7/18/2013	1695	Rags, Pipe Break, Roots, Grease	0.07	Gwynns Falls	Powder Mill Ln & Wayne Ave	21207
7/19/2013	582	Rags, Grease	0.15	Jones Falls	1006 Billie Holiday Ct	21205
7/22/2013	Evidence of Overflow	Trash	0.24	N/A	35 N Ellwood Ave	21224
7/23/2013	76	Roots	0.12	Herring Run	324 E Belvedere Ave	21212
7/24/2013	30	Rags, Trash	0.00	N/A	1805 N Chapel St	21213
7/24/2013	30	Rags, Grease	0.00	N/A	2325 Hollins St	21223
7/24/2013	Evidence of Overflow	Other: Debris	0.00	N/A	30 Merrymount Rd	21210
7/24/2013	60	Rags, Grease	0.00	N/A	3800 E Baltimore St	21205
7/27/2013	340	Pipe Break, Sand, Gravel, Rocks	0.16	Baltimore Harbor	2223 Gable Ave	21230
7/27/2013	60	Rags, Grease	0.16	N/A	28 E Ostend St	21230
7/29/2013	78	Rags, Grease	0.01	Jones Falls	401 E Madison St	21202
7/30/2013	84	Rags	0.00	Herring Run	1700 Coldspring Ln	21218
7/30/2013	Evidence of Overflow	Rags	0.00	N/A	219 E North Ave	21202
7/31/2013	240	Rags, Grease	0.00	N/A	2724 Bookert Dr	21225
7/31/2013	720	Roots, Vandalism	0.00	N/A	4000 Linkwood Rd	21210
7/31/2013	1440	Rags, Grease	0.00	N/A	4714 Greenspring Ave	21209

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending September 30, 2013

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
8/1/2013	Evidence of Overflow	Leak	0.49	N/A	2713 W North Ave	21216
8/2/2013	Evidence of Overflow	Roots	0.00	N/A	251 S Morley St	21229
8/4/2013	Evidence of Overflow	Rags, Grease	0.00	N/A	4000 Harford Rd	21218
8/5/2013	Evidence of Overflow	Rags	0.00	N/A	3208 Taney Rd	21215
8/5/2013	Evidence of Overflow	Rags, Grease	0.00	N/A	1618 N Regester St	21213
8/6/2013	Evidence of Overflow	Roots	0.15	N/A	3800 E Baltimore St	21224
8/7/2013	39	Rags, Grease	0.11	N/A	2836 Maryland Ave	21218
8/8/2013	Evidence of Overflow	Grease	0.90	N/A	811 N Calhoun St	21217
8/9/2013	316	Rags, Grease	0.40	Harbor	700 N Martin Luther King Blvd	21201
8/9/2013	Evidence of Overflow	N/A	0.40	N/A	5028 Queensberry Ave	21215
8/10/2013	104	Grease, Trash	0.00	N/A	3201 Abell Ave	21218
8/10/2013	3325	Rags, Grease, Trash	0.00	Patapsco	3447 Spelman Rd	21225
8/12/2013	Evidence of Overflow	N/A	0.00	N/A	22 Merrymount Rd	21210
8/12/2013	225	N/A	0.00	Herring Run	4600 Pulaski Hwy	21224
8/13/2013	875	Rags, Grease	0.11	Herring Run	3800 E Baltimore St	21224
8/13/2013	Evidence of Overflow	N/A	0.11	N/A	4002 Kathland Ave	21207
8/15/2013	Evidence of Overflow	Rags, Grease	0.00	N/A	430 Ilchester Ave	21218
8/15/2013	30	Rags	0.00	N/A	1827 Covington St	21230
8/15/2013	Evidence of Overflow	Rags, Grease	0.00	N/A	6309 Leith Walk	21239
8/15/2013	Evidence of Overflow	N/A	0.00	N/A	Greenspring Ave & Dupont Ave	21209
8/16/2013	712	Rags	0.00	Jones Falls	Maryland Ave & W 29th St	21218
8/17/2013	226	Broken Clean Out Tap	0.00	Jones Falls	1128 N Gilmor St	21217
8/18/2013	Evidence of Overflow	Shifted Pipe	0.01	N/A	1701 Sulgrave Ave	21209
8/19/2013	494	Rags	0.00	Low Level	219 N Calhoun St	21223
8/19/2013	Evidence of Overflow	Rags, Roots	0.00	N/A	4790 Melbourne Rd	21229
8/19/2013	600	N/A	0.00	N/A	6400 O'Donnell St	21224
8/19/2013	16	Rags, Grease	0.00	Outfall	Dupont Ave & Greenspring Ave	21209
8/19/2013	3084	Rags, Roots	0.00	Gwynns Falls	4443 Clifton Rd	21216
8/19/2013	Evidence of Overflow	Rags	0.00	N/A	4224 Falls Rd	21211
8/20/2013	Evidence of Overflow	N/A	0.00	N/A	509 S Hanover St	21201
8/20/2013	810	Rags, Grease	0.00	Jones Falls	Cylburn Ave & Greenspring Ave	21215
8/21/2013	Evidence of Overflow	N/A	0.00	N/A	115 S Wolfe St	21231
8/21/2013	Evidence of Overflow	Pipe Break	0.00	N/A	404 Lyman Ave	21212
8/21/2013	Evidence of Overflow	Grease	0.00	N/A	1225 N Broadway	21213
8/23/2013	Evidence of Overflow	Rags, Grease	0.01	N/A	534 E Clement St	21230
8/23/2013	Evidence of Overflow	N/A	0.01	N/A	811 N Calhoun St	21217
8/23/2013	90	N/A	0.01	N/A	3541 Liberty Heights Ave	21215
8/23/2013	Evidence of Overflow	Rags, Roots	0.01	N/A	2200 Arden Rd	21209
8/25/2013	360	Rags	0	Inner Harbor	1 N Decker St	21224
8/25/2013	115	Rags, Grease, Trash	0.00	Jones Falls	2300 Cylburn Ave	21209
8/27/2013	156	Rags	0.01	Jones Falls	4 Hillside Rd	21210

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending September 30, 2013

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
8/27/2013	140	Rags	0.01	N/A	431 Notre Dame Ln	21212
8/27/2013	Evidence of Overflow	Rags, Roots	0.01	N/A	1229 N Bentalou St	21216
8/28/2013	Evidence of Overflow	N/A	0.01	N/A	1615 Ashburton St	21216
8/29/2013	Evidence of Overflow	Rags	0.00	N/A	2609 Huntingdon Ave	21211
8/30/2013	Evidence of Overflow	Rags	0.00	N/A	1327 S Hanover St	21230
8/31/2013	Evidence of Overflow	Roots	0.00	N/A	1645 Northwick Ct	21218

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending September 30, 2013

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
9/1/2013	72	Trash, Grease	N/A	Jones Falls	3800 Greenmount Ave	21268
9/2/2013	Evidence of Overflow	Rags	N/A	N/A	6012 Wallis Ave	21215
9/4/2013	Evidence of Overflow	Rags	N/A	N/A	2725 Hampden Ave	21211
9/6/2013	60	Rags Grease	N/A	N/A	15 W North Ave	21201
9/6/2013	180	Rags Grease Other Debris	N/A	High Level	S Warwick Ave & Hollins St	21223
9/7/2013	350	Roots	N/A	Gwynns Falls	577 Wyndholme Way	21229
9/8/2013	Evidence of Overflow	N/A	N/A	N/A	15 W North Ave	21201
9/9/2013	915	Rags, Pipe Break, Grease Other Debris	N/A	Jones Falls	2100 Pulaski St	21217
9/10/2013	Evidence of Overflow	Roots	N/A	N/A	2730 W Lafayette Ave	21216
9/10/2013	25	N/A	N/A	N/A	2549 Aisquith St	21218
9/11/2013	Evidence of Overflow	Rags	N/A	N/A	1911 Walbrook Ave	21217
9/11/2013	810	Rags, Grease	N/A	Jones Falls	4915 Greenspring Ave	21209
9/13/2013	120	Rags, Grease	N/A	Inner Harbor	523 Linwood Ave	21205
9/13/2013	540	Rags, Grease	N/A	N/A	Edgevale Rd & Deepdene Rd	21210
9/13/2013	Evidence of Overflow	N/A	N/A	N/A	813 N Milton Ave	21205
9/15/2013	Evidence of Overflow	Rags, Grease	N/A	N/A	3813 Stokes Dr	21229
9/15/2013	Evidence of Overflow	Other, Unknown Object	N/A	Jones Falls	3101 Tilden Dr	21211
9/16/2013	2382	Rags	N/A	Gwynns Falls	3400 Pinkney Rd	21215
9/17/2013	158	Rags	N/A	N/A	5715 Park Heights Ave	21215
9/17/2013	340	Rags, Pipe Break, Grease	N/A	Gwynns Falls	Cylburn Ave & Greenspring Ave	21215
9/17/2013	Evidence of Overflow	Roots, Grease	N/A	N/A	3300 The Alameda	21218
9/18/2013	60	Rags, Roots, Grease	N/A	Gwynns Falls	340 S Augusta Ave	21229
9/18/2013	60	Rags, Grease	N/A	Gwynns Falls	709 Linnard St	21229
9/18/2013	Evidence of Overflow	Roots	N/A	N/A	2700 Rittenhouse Ave	21230
9/19/2013	Evidence of Overflow	N/A	N/A	N/A	250 N Fulton Ave	21223
9/21/2013	2900	Rags, Grease, Other Debris	N/A	Patapsco	Bethune Rd & Spelman Rd	21225
9/21/2013	Evidence of Overflow	N/A	N/A	N/A	107 W 29th St	21218
9/21/2013	Evidence of Overflow	Rags	N/A	N/A	3130 Guilford Ave	21218
9/22/2013	Evidence of Overflow	Rags	N/A	N/A	320 E 33rd St	21218
9/22/2013	Evidence of Overflow	N/A	N/A	N/A	2604 Goodwood Rd	21214
9/22/2013	Evidence of Overflow	Pipe Break	N/A	N/A	4224 Falls Rd	21211
9/23/2013	Evidence of Overflow	Rags	N/A	N/A	501 Hawthorn Rd	21210
9/23/2013	60	N/A	N/A	N/A	813 N Milton Ave	21205
9/23/2013	Evidence of Overflow	N/A	N/A	N/A	1621 N Warwick Ave	21216
9/23/2013	180	N/A	N/A	N/A	2012 Ramsay St	21223
9/23/2013	60	N/A	N/A	N/A	Dupont Ave & Greenspring Ave	21209
9/23/2013	Evidence of Overflow	Roots	N/A	N/A	458 Roundview Rd	21225
9/23/2013	Evidence of Overflow	Rags	N/A	N/A	1128 N Gilmor St	21217

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending September 30, 2013

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
9/24/2013	Evidence of Overflow	N/A	N/A	N/A	3208 Piedmont Ave	21216
9/25/2013	21,550	Pipe Break	N/A	N/A	4200 Franklinton Rd	21229
9/26/2013	Evidence of Overflow	N/A	N/A	N/A	2121 Kentucky Ave	21218
9/26/2013	90	Rags, Roots	N/A	Herring Run	5656 The Alameda	21212
9/27/2013	Evidence of Overflow	Rags, Grease, Other: Paper Wipes	N/A	Jones Falls	3900 Linkwood Rd	21210
9/29/2013	Evidence of Overflow	Roots	N/A	N/A	2606 Evergreen Ave	21214
9/30/2013	180	Rags, Grease	N/A	Patapsco	2001 W Patapsco Ave	21230
9/30/2013	90	Rags, Grease	N/A	Jones Falls	2836 Maryland Ave	21218
9/30/2013	472	Rags, Grease	N/A	N/A	3111 Frisby St	21218
9/30/2013	110	Roots	N/A	N/A	5900 The Alameda	21239
9/30/2013	420	Rags	N/A	N/A	Dupont Ave & Greenspring Ave	21209
Notes:						
1. Unknown Quantity - When DPW visited the site, the problem had already subsided, but the source of discharge was evident. 2. Traces of sewage were evident but SSO had subsided prior to arrival at the site. 3. N/A- Not Available (March Rain Gauge data not available at time of this report.)						

Updated through September 30, 2013

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 (8)	Measures Taken to Identify Source or Resolve	Future/Planned Work
1	11/30/2007	Mannasota & Shannon	21213	Herring Run	Not Resolved	On-going	5,867,837 T	City had on-call contractor cap the underdrain to resolve the SDUO, but the sewage was hydraulically forced into the storm drain pipe. Cap was removed. Investigation ongoing. Field work was performed to expose underdrain at two locations	Further investigation with dye testing and ammonia testing is scheduled for next quarter .
2	4/11/2007	6225 York Rd behind Walker Mews Apartment Building	21212	Herring Run	Not Resolved	On-going	2,093,390 T	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	Recommended for lining/rehabilitation. Forwarded to UAMD on 10/11/13
14	9/18/2007	JHU Campus	21218	Jones Falls	Not Resolved	On-going	2,630,157 T	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 is closely tracking progress in resolving this issue. The City will inform JHU that the recent repairs were not successful and refer to HCD.
20	7/5/2006	W. 24th & Morton St.	21218	Jones Falls	Not Resolved	On-going	2,586,240 A	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.	The fix has been performed by the on-call contractor. A confirming test is pending.
32	5/19/2009	4016-4018 Rogers Ave. - Rogers Post Apartments	21207	Gwynns Falls	Not Resolved	On-going	800,708 T	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.	City scheduling site testing with property owner.
33	6/25/2009	Cross Country Blvd & Crest Rd.	21209	Jones Falls	Not Resolved	On-going	2,238,696 T	Confirmatory testing has shown that this SDUO is not resolved. Final section of pipe repaired. Flow and concentration reduced significantly, but not eliminated.	Recommended for lining/rehabilitation. forwarded to UAMD on 7/30/13
34	7/17/2009	Pall Mall Rd & Oswego Ave	21215	Jones Falls	Not Resolved	On-going	774,144 T	Property with illicit connection to storm drain has been identified. Notified HCD/HABC of a violation, and notice was issued 01/10/11.	The fix is underway
38	11/6/2009	3302 Esther Place (inside 54"storm drain)	21212	Inner Harbor	Not Resolved	On-going	820,224 T	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.	Follow up with HCD to check when this connection will be re-routed by the owner. Once complete, follow up testing will be carried out.

Updated through September 30, 2013

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 (8)	Measures Taken to Identify Source or Resolve	Future/Planned Work
40	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	49,843 T	Verified as SDUO site by ammonia field test and dye test completed on May 26, 2010.	The fix has been performed. A confirming test is pending.
42	6/3/2010	Cross Country & Key Ave (Storm Drain MH with sewage in bottom)	21215	Western run	Not Resolved	On-going	174,960 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.	UES is addressing this site as part of the overall Consent Decree CIP. This section of sewer will be CIPP lined as recommended in the Jones Falls Sewershed Plan
48	8/4/2010	3412 - 3418 Glenmore Ave	21214	Moores Run to Herring Run	Not Resolved	On-going	581,112 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. Dye testing performed June 2013.	Investigation ongoing; additional houses along Glenmore Ave. to be dye tested
51	9/9/2010	Barre St. near Sterrett	21203	Inner Harbor	Not Resolved	On-going	28,895 A	Investigation ongoing. UES in the process of notifying HCD to process a Violation Notice.	DHCD received judgment and the owner is working to fix the problem.
52	11/17/2010	39th & University Pkwy	21218	Jones Falls	Not Resolved	On-going	683,375 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.	The fix has been performed. A confirming test is pending.
55	8/10/2011	Mannasota & Parkside	21206	Herring Run	Not Resolved	Resolved	28,933 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.	Under renewed investigation.
56	8/23/2011	Clifton Road between Fairfax and Westchester Roads	21216	Gwynns Falls	Not Resolved	On-going	731,275 T	During field investigation of a 24" drain, an unidentified pipe (18" drain) was found to be carrying flow. A new manhole was constructed on 9/28/2011 to provide access to the 18" drain. The on-call contractor attempted to clean and CCTV from the manhole to the 18" drain but discovered that the pipe was full of debris, roots and broken. New MH installed. Further televising led to another bend. Easement issues to be considered.	Additional dye testing to be scheduled, depending on further testing of the flow, for ammonia and bacteria. Smoke testing to be considered.
57	8/31/2011	Seabury & Hillview	21225	Patapsco	Not Resolved	On-going	392,848 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.	The manhole in question needs to be rehabbed. Forwarded to UAMD on 17/30/13

Updated through September 30, 2013

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 (8)	Measures Taken to Identify Source or Resolve	Future/Planned Work
59	11/22/2011	Fairmount and Bradford	21224	Inner Harbor	Not Resolved	On-going	61,385 A	Performed dye test, excavated drain and performed CCTV. New manhole built.	Continue to monitor
62	1/27/2012	JHU - Remsen Hall	21218	Johns Falls	Not Resolved	On-going	215,307 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.	JHU is proceeding with repairs with repairs. The City will inform JHU that the recent repairs were not successful and refer to HCD.
63	12/2/2011	Pinkney & Winner	21215	Johns Falls	Not Resolved	On-going	104,359 T	CIPP Lining recommended.	Retest upon completion of lining. Work to be performed under CD project.
66	10/11/2012	McMechen & Jordan	21217	Jones Falls	Not Resolved	On-going	2,497,824 T	Dye test program and CCTV performed.	New MH recently installed; more dye testing and CCTV planned.
67	9/26/2012	McMechen & Brevard	21217	Jones Falls	Not Resolved	On-going	37,095 T	Dye testing performed.	Under Investigation
68	10/11/2012	Mason & McMechen	21217	Jones Falls	Not Resolved	On-going	12,744 T	Dye test program and CCTV performed.	New MH recently installed; more dye testing and CCTV planned
69	12/4/2012	Fait & Grundy	21224	Inner Harbor	Not Resolved	On-going	17,280 T	Heavy cleaning and CCTV performed.	MH recently installed; more dye testing and CCTV planned.
70	12/5/2012	Haven & Bank	21224	Inner Harbor	Not Resolved	On-going	19,764 T	Dye testing and manned inspection confirmed private connections. Property owner notified.	Follow up with property owner to confirm repair.
71	1/29/2013	Armistead Creek	21205	Herring Run	Not Resolved	On-going	87,840 A	Visual inspection and dye test performed.	Under Investigation
72	2/13/2013	Fairway Ridge Apts.	21207	Gwynns Falls	Not Resolved	On-going	16,924 A	Dye testing confirmed private connections. Property owner notified.	Follow up with property owner to confirm repair.
73	3/1/2013	230 N. Franklintown Rd.	21223	Gwynns Falls	Not Resolved	On-going	89,701 A	Dye testing performed.	Follow-up dye testing scheduled.
74	3/12/2013	3801 Pulaski Hwy - Hebrew Friendship Cemetery	21224	Inner Harbor	Not Resolved	On-going	153,278 A	Dye testing and inspection performed.	Recommended for lining/rehabilitation. Recommendation was forwarded to UAMD for implementation on 6/26/13
75	4/3/2013	Pulaski Hwy. & Dean St.	21224	Inner Harbor	Not resolved	On-going	7,078 A	Dye testing and inspection performed.	Recommended for lining/rehabilitation. Recommendation was forwarded to UAMD for implementation on 6/5/13
76	5/22/2013	Nuth Ave, off of Frankford Ave.	21213	Herring Run	Not resolved	On-going	3,559 T	Dye test program, and CCTV, planned.	Recommended for lining. Lining did not fix the problem. Investigations will continue

Updated through September 30, 2013

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 (8)	Measures Taken to Identify Source or Resolve	Future/Planned Work
77	6/12/2013	2434 Hoffman St.	21213	Inner Harbor	Not Resolved	On-going	149 T	Dye test program in progress.	Lining and point repair recommendations were forwarded to UAMD on 10/9/13
78	7/26/2013	500 block of Bloom St.	21217	Jones Falls	Not Resolved	On-going	81,770 T	CCTV program in progress	Under Investigation
79	7/31/2013	Perkins Homes, 263 Dallas Ct.	21223	Inner Harbor	Not Resolved	On-going	12,845 T	Dye test program and CCTV conducted.	Under Investigation
80	8/16/2013	Perkins Homes, 270-279 Dallas Ct.	21223	Inner Harbor	Not Resolved	On-going	34,845 T	Dye test program and CCTV conducted.	Under Investigation
81	8/29/2013	2301 Wilkens Ave.	21223	Gwynns Run	Not Resolved	On-going	499 A	Dye tested nearby sanitary, without positive results.	Lining and point repair recommendations were forwarded to UAMD on 10/9/13

SDUO Site on Private Property

SDUO Summary:

1. Total SDUO Sites Documented: **83**

2. Total SDUO Sites Resolved: **48 (58% Complete)**

3. Total Active SDUO Sites on Private Property: **11**

4. Total SDUO Sites Unresolved: **35 (42% Open)**

5. New SDUO Sites documented in the last Quarter: **4**

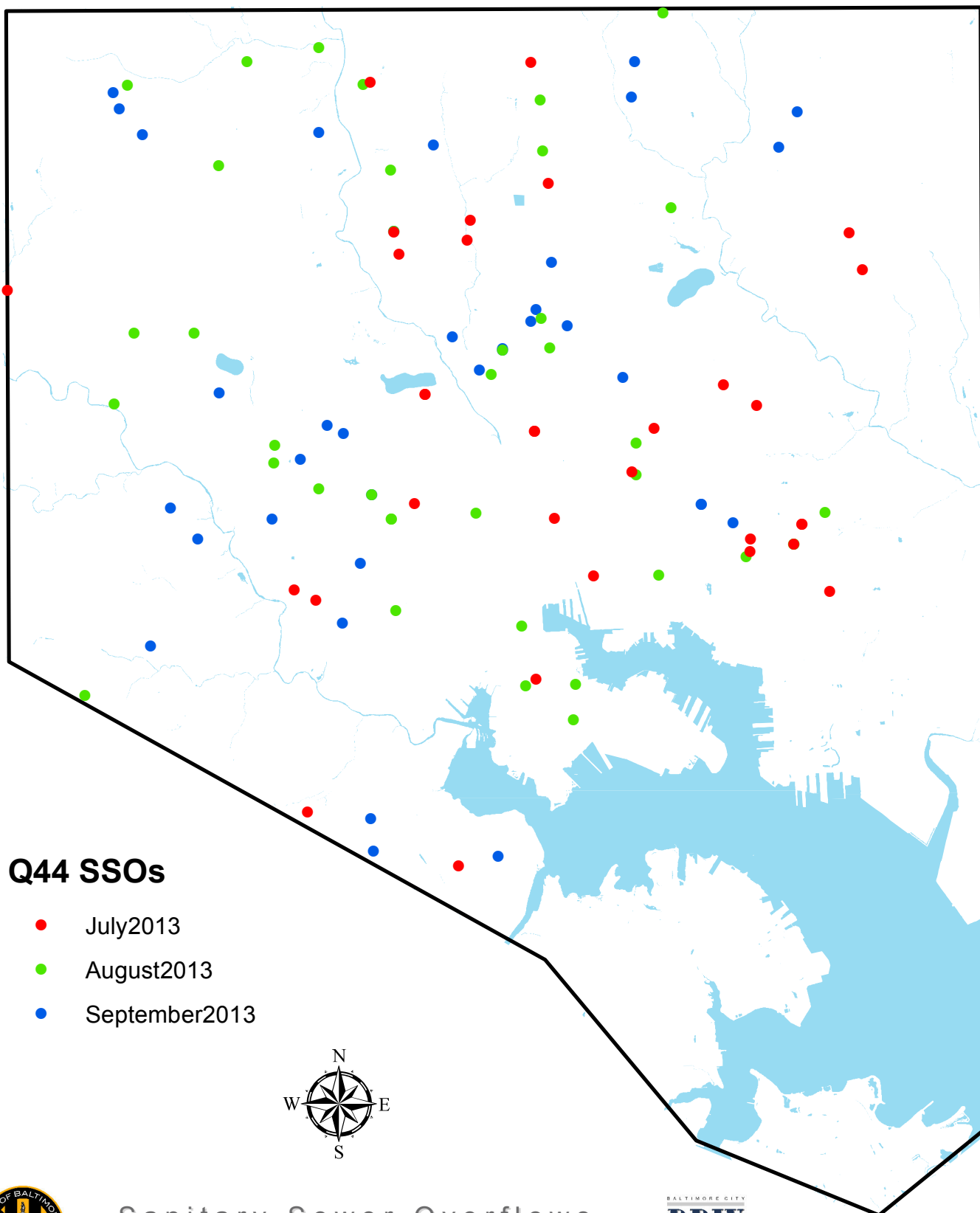
6. Under the column entitled "Date of Resolution", if the note reads Not Resolved an end date of 09/30/2013 was used to determine the quantity of discharge up to that point.

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.



Q4 SSOs

- July2013
- August2013
- September2013



Sanitary Sewer Overflows
July 2013 - September 2013



Updated: October 2013