

CITY OF BALTIMORE

STEPHANIE RAWLINGS-BLAKE, Mayor



DEPARTMENT OF PUBLIC WORKS

BUREAU OF WATER AND WASTEWATER
300 Abel Wolman Municipal Building
Baltimore, Maryland 21202

April 24, 2014

VIA OVERNIGHT MAIL

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
601 D Street NW, Room 6002
Washington, D.C. 20579

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

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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. 46
For Calendar Quarter Ending March 31, 2014**

Ladies and Gentlemen:

In the above referenced Consent Decree, the City of Baltimore agreed to submit a Calendar Quarterly Progress Report covering activities required by the Consent Decree. Included herewith is Calendar Quarterly Report No. 46, for the Calendar Quarter ending March 31, 2014.

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

Sincerely,



Kumasi Vines
Acting Bureau Head

Enclosures

KV/ajd

cc: Rudolph Chow, P.E.
Mr. George Nilson
Peter Keith, Esquire
Mr. Mike Gallagher
Art Shapiro, P.E.
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File

City of Baltimore Sanitary Sewer Overflow Consent Decree

Civil Action No. JFM-02-1524

Calendar Quarterly Report No. 46
For Calendar Quarter ending March 31, 2014

*Submitted:
April 30, 2014*

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

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

Statement of Certification

I certify under penalty of law that this information was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.



Kumasi Vines
Acting Bureau Head

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A. INTRODUCTION

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

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

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

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

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

B. PROGRESS OF IMPLEMENTATION OF SECTION VI REQUIREMENTS

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

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

- A. **General Requirements:** During the calendar quarter ending March 31, 2014, the City of Baltimore was in general compliance with the Clean Water Act and Title 9, Subtitle 3 of the Environment Article, Annotated Code of Maryland. Episodes of non-compliance include un-permitted sanitary sewer overflows (SSOs), as reported during the quarter in accordance with Paragraph 17 of the Consent Decree and as summarized in Appendix 5 herein.
- B. **Construction Projects:** Appendix 1 to this Calendar Quarterly Report provides a status update for each of the construction projects listed in Appendix D of the Consent Decree.

1. Practical Completion

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

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

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

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

2. SSO Structure Elimination

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

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

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

The City is working on addressing these SSOs. The City has engaged the services of an engineering firm to investigate and evaluate the collection system adjacent to SSO Nos. 132, 134 and 135. The design to eliminate these SSOs is complete and the contract was advertised on February 10, 2012, bids were opened on April 4, 2012, contract was awarded on September 26, 2012, and Notice to Proceed was issued on February 4, 2013. **Due to construction and bypass activity at SSO #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 March 31, 2014, 3 flow meters are installed as indicated in Table 8-1 specifically for Paragraph 8 Projects.

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

Consent Decree Project ID No.	ADS Project ID No.	Project	No. of Meters		
			January	February	March
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		
			January	February	March
10	7	Greenmount Interceptor	1	1	1
		Total	3	3	3

A summary of rainfall and flow monitoring data collected during December 2013, and January and February 2014, 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 March 31, 2014, the flow monitoring continues at 9 meter locations throughout the City, including the long term monitoring program.

E. Long-Term Capacity/Peak Flow Management: During the calendar quarter ending March 31, 2014, there was no capacity/flow management analysis activity related to the Sewershed Studies and Plans.

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

Sewershed Study and Plan(s):

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

Approval

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

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

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

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

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

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

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

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

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

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

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

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

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 March 31, 2014, Baltimore further addressed the list of suspected illegal connections to the collection system known to the City. The City had previously initiated enforcement actions for 14 suspected illegal connections by notifying the respective property owners of the suspected illegal connections and actions to be taken, as required by Paragraph 10.A of the Consent Decree. In accordance with the City's enforcement plan, staff of Housing and Community Development (HCD) inspected these 14 properties and determined that two were not illegal connections, ten required dye/smoke testing for confirmation, and two required further evaluation. The City performed dye testing and determined that only 5 are illegal connections. Furthermore, the City has identified and confirmed 33 additional properties within the Western Run Sewershed with potential illegal storm water connections to the sanitary system.

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

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

4424 Marble Hall Road: On August 11, 2008 while performing dye testing as part of their field investigations, the Herring Run Sewershed team identified an illegal sewer connection at 4424 Marble Hall Road. Once an illegal connection is identified, the approved Illegal Connection Enforcement and Implementation Plan will be adhered to. This illegal connection has been found to be located on private property. The City has contacted its Housing Department (HCD) to send the owner a notice to eliminate this illegal connection. Additional dye-testing was carried out in March 2011 to satisfy HCD requirements and a letter was sent to HCD on May 25, 2011, for further action. A Violation Notice was issued in July 2011. A meeting was held on July 28, 2011, with Marble Hall Apartment management to discuss the progress of eliminating the illegal connection. Per the management of the apartment complex, the connection was re-

routed in August 2011. Follow up testing was carried out in September which indicated that the fix did not prevent storm water from getting into the sanitary sewers. The City attempted to coordinate with the property owner to fix the problem permanently but the property owner is not responsive. This location has been referred to the Code Enforcement Legal Section of HCD (ID 28567). The violation has been corrected. A City representative visited the site and conducted visual inspection and dye test on March 11, 2013, to confirm. This location is closed.

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

- B. Updated List of Illegal Connections:** Appendix 3 contains the updated list of known illegal connections.
- C. Illegal Connection Enforcement and Implementation Plan:** This requirement has been completed as reported in Quarterly Report No. 7.
- D.** In a letter dated May 05, 2003, MDE stated that they had reviewed the draft plan for implementation and enforcement with regard to illegal connections and found it to be acceptable. As requested by MDE, the City is considering the merits of adding a provision to the Plan that would enable the City Department of Public Works to actually do disconnections themselves and bill people for the materials and labor as a last resort if they have a situation where flows may cause a SSO and there is no cooperation from the property owner. To date, the need for this has not occurred. EPA in its letter dated January 12, 2005 has approved the Illegal Sewer Connection Detection and Enforcement Plan.
- E.** Progress of work under Paragraph 10 is as reported herein.
- F. Privately-Owned Portion of a Customer Service Connection Lateral:** During the calendar quarter ending March 31, 2014, no privately-owned portion of a customer service connection was identified as a source of I/I that causes or contributes to an overflow from the collection system. During this same quarter, no owners of such laterals were notified of the need to repair, rehabilitate, replace or terminate their laterals, and no enforcement actions in regard to such laterals were pending.

Paragraph 11: Pumping Station Inspection, Rehabilitation, and Repair

- A. Pumping Station Rehabilitation and Repair:** As reported in Quarterly report No. 8, all pumping station rehabilitation projects are complete.
- B. Pumping Station Inspection Procedures:** During the calendar quarter ending March 31, 2014, Baltimore inspected each of the eight pumping stations at least twice daily in accordance with Paragraph 11.B. All inspections were conducted in accordance

with the inspection checklist attached as Appendix F to the Consent Decree, and completed inspection checklists are being maintained. All deficiencies noted during inspections were corrected within eight hours, or a work order was issued for correction. A listing of these work orders is attached as Appendix 4 to this Calendar Quarterly Report.

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

- C. Pumping Station Remote Monitoring:** As of March 31, 2014, Baltimore continuously monitored pumping station data in accordance with Paragraph 11.C. of the Consent Decree. Alarm data was electronically archived.
- D. Pumping Station Equipment Inventory:** As of March 31, 2014, all pumps, motors, bar screens, sensors and other critical components of Baltimore's pumping stations had been assigned unique equipment identification numbers. These numbers are recorded in the maintenance information management system ("MIMS") operated by Baltimore's Wastewater Facilities Division.
- E. Pumping Station Preventative Maintenance:** The MIMS system operated by Baltimore's Wastewater Facilities Division automatically generates work orders for preventive maintenance at Baltimore's eight pumping stations, including standard operating procedures and parts lists. During the calendar quarter ending March 31, 2014, the MIMS system was used to initiate and track scheduled preventive maintenance activities at the pumping stations.

During the calendar quarter ending December 31, 2002, a procedure for determining the cause of equipment and/or system failures was submitted as required by Paragraph 11.E.ii of the Consent Decree.
- F. Pumping Station Operation and Maintenance Manuals:** As of March 31, 2014, operations and maintenance ("O&M") manuals for each of Baltimore's eight pumping stations were up to date, reflecting current station configuration, equipment, and characteristics. Operating parameter value ranges for each pumping station are available in the standard operating procedures ("SOPs") for that pumping station, which are posted at the pumping station and considered part of the O&M manual. Pump run times are kept in the log books at each pumping station.
- G. Progress Reports:** Table 11-1 Summarizes the status of Baltimore's pumping station inspection and repair program during the calendar quarter ending March 31, 2014.

Table 11-1: Pumping Station Inspection and Repair Program

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

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

Paragraph 12: Collection and Transmission System Model

- A. The hydraulic modeling task for each sewershed will be performed utilizing the previously-selected hydraulic modeling software package: InfoWorks, marketed by 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 March 31, 2014, Baltimore continued to review current practices and procedures for collection system operation and maintenance, and to identify any changes that are needed for full compliance with the requirements of Paragraph 13.A. of the Consent Decree.
- B. The draft Operations and Maintenance Program Report required under Paragraph 13.B. of the Consent Decree was submitted in accordance with the milestone date of January 28, 2003 (120 days from the Date of Entry of the Consent Decree). MDE has indicated approval of this draft Report; EPA has also approved this report in its letter dated January 12, 2005.
- C. The City of Baltimore has implemented root and grease control programs after approval of chemical products that will be used as part of the cleaning for root and grease problem areas. Those pipes that are found to have root and grease problems are being treated under these programs and recorded/tracked in the GIS system.
- D. **Progress Reports:** The implementation period of the Operations and Maintenance Plan was completed in July 2006. The City submitted the Year 1 Annual Report on October 30, 2007, which covered the time period from July 2006 to July 2007. This report includes all elements as specified in this section of the Consent Decree. The Year 2 Annual Report was submitted on October 30, 2008 and it covers the time period from July 2008 to June 2009. The Year 3 Annual Report was submitted to EPA/MDE and DOJ on October 27, 2009. The City of Baltimore submitted the fourth annual progress report, on October 28, 2010. The fifth annual progress report was submitted to EPA/MDE on October 21, 2011. The sixth annual progress report was submitted on October 25, 2012. **The seventh annual progress report was submitted on October 30, 2013.**

Paragraph 14: Information Management System Program

- A. During the calendar quarter ending March 31, 2014, Baltimore continued to develop an information management system that will facilitate engineering analysis, evaluation, operation and maintenance of the collection system.
- B. **Geographic Information System:** On September 24, 2004, Baltimore demonstrated to EPA and MDE that the GIS is fully functioning and capable of displaying the information described in Paragraph 14.B.i through iv.
- C. **500 Scale Maps:** This requirement has been completed as reported in Quarterly Report No. 7.
- D. **Global Positioning System:** Water and Wastewater Maintenance crews are equipped with eight global positioning system ("GPS") units for use in collection system maintenance. A standard operating procedure (SOP) has been developed for the use of

these units in locating collection system components. Maintenance crews have received appropriate training to use the GPS units.

- E. **Inventory of Collection System Components:** On September 24, 2004, Baltimore demonstrated to EPA and MDE that the GIS is fully functioning and capable of displaying the information described in Paragraph 14.E for each component.
- F. **Update Inventory of Collection System Components:** Within ninety (90) days of completion of inspection or rehabilitation of a collection system component as required under Paragraph 9, Baltimore will update the collection system inventory.
- G. **Progress Reports:** Development of the Baltimore collection system inventory database continued throughout the calendar quarter ending March 31, 2014. Most of the information currently in the database has been taken from record documents (for example, "as-built" drawings). **This information will be verified and supplemented with field inspection data/information, and all required database fields are being populated, as part of the Sewershed Studies required under Paragraph 9 of the Consent Decree. Progress toward implementation of the GIS is reported in Item 14.B. above.**

Paragraph 15: Valve Inspection and Repair Program

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

Paragraph 16: Emergency Response Plan – Un-permitted Discharges

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

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

Paragraph 17: Reporting of Discharge Events and Recordkeeping

- A.** During the calendar quarter ending March 31, 2014, Baltimore has complied with the reporting requirements for overflows from the wastewater collection system as established by Paragraph 17 of the Consent Decree, by NPDES Permit Numbers 21555 and 21601, by State Discharge Permit Numbers 89-DP-0581 and 93-DP-0580A, and by State and Federal regulations. Oral notifications of overflows were made to MDE within 24 hours that Baltimore first became aware of them, and written reports were forwarded within 5 days. A summary of reported overflows for the calendar quarter ending March 31, 2014 is provided in Appendix 5.
- B.** During the calendar quarter ending March 31, 2014, Baltimore maintained a monitoring, sampling, analysis and reporting program to monitor water quality in Baltimore surface water. This program is administered by the Water Quality Management Section of the Environmental Services Division in accordance with the requirements of the NPDES referenced in item 17.A. above. Monitoring results are published annually in Baltimore's Water Quality Report.
- C.** Records of all sanitary sewer overflows from Baltimore's collection system during the calendar quarter ending March 31, 2014, are being maintained in accordance with the requirements of Paragraph 17.C.
- D.** Copies of all written reports prepared pursuant to Paragraph 17 will be maintained for a minimum of 5 years, as required by Paragraph 17.D.

C. DESCRIPTION OF ANTICIPATED PROBLEMS WITH SECTION VI REQUIREMENTS

Issues and concerns related to Paragraph 8 construction projects are reported above in the Paragraph 8 section of this Calendar Quarterly Report. As of March 31, 2014, there were no other anticipated problems with Section VI requirements to report.

D. DESCRIPTION OF SEP ACTIVITIES

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

The consultant agreement for the design of the Patapsco Wastewater Treatment Plant ENR project was approved by the City's Board of Estimates on December 21, 2005. As of the calendar quarter ending March 31, 2014, SC 845R - BAF and tertiary PS **bids were rejected and the project was re-advertised in December 2011 and bids were received on February 15, 2012. Notice to Proceed (NTP) for construction was issued on August 1, 2012 and the estimated construction completion date is February 2015.** SC 852R - Denitrification filters project was advertised on March 27, 2009 and the bids were rejected. This project was re-advertised on October 13, 2009 and the successful bidder was awarded the NTP on December 29, 2009. **This project is currently in the construction phase.**

In addition, the City has selected the consultant for engineering services for SC 855 - ENR Modifications to the Existing Facilities at the Patapsco Wastewater Treatment Plant. As of the calendar quarter ending March 31, 2014, this contract was advertised on April 30, 2010, and bids were due on September 30, 2010. The construction NTP was issued on February 22, 2011. **This project is currently in the construction phase.**

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

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

The City provided a response to MDE/EPA and requested additional time to research and develop possible methods of quantifying SDUOs in a letter dated April 30, 2009. The City submitted the SDUO Quantification Protocol to MDE and EPA for review, comments and approval on August 06, 2009. EPA/MDE issued a SDUO Quantification Protocol comment letter on December 21, 2009. The City of Baltimore issued a response letter to EPA/MDE on February 16, 2010. EPA/MDE approved the quantification protocol on October 12, 2010, and requested that the City apply the protocol to all resolved and outstanding SDUO sites since October 30, 2008, and to all future SDUOs. The City submitted a final approved copy of the SDUO Quantification Protocol to MDE/EPA on November 18, 2010 and sent in the application of the SDUO Protocol on December 28, 2010.

APPENDIX 1

STATUS OF PARAGRAPH 8 CONSTRUCTION PROJECTS

APPENDIX 1
STATUS OF PARAGRAPH 10.1 CONSTRUCTION PROJECTS
As of March 31, 2014

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

**APPENDIX 1
STATUS OF PARAGRAPHS OF CONSTRUCTION PROJECTS
As of March 31, 2014**

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

Note: Shaded date cells indicate completion.

**APPENDIX 1
STATUS OF PARAGRAPH 10 CONSTRUCTION PROJECTS
As of March 31, 2014**

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

APPENDIX 2

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of March 31, 2014

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF 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 5,400 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)	05/20/2013 (A)	5/8/14 (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)	2/28/2016 (P)	The project was advertised on 7/27/2012. The lowest bidder is Insituform 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)	8/22/2015 (P)	The project was advertised on 7/27/2012. The lowest bidder is Insituform 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)	12/19/2015 (P)	The project was advertised on 7/27/2012. The lowest bidder is Insituform Technologies. Last construction progress meeting was held on June 06, 2013. Next progress meeting will be held on July 11, 2013.
JF-12	SC 897R - Greenmount, Hampden and Bolton Hill	Repair and rehabilitation of sanitary sewer and manholes in the Greenmount, Hampden, and Bolton Hill areas of the Jones Falls Sewershed.	3/22/2013 (A)	8/14/2015 (P)	8/14/2016 (P)	The contract was advertised on March 22, 2013. NTP was issued on June 27, 2013. Pre-construction conference will be held on July 10, 2013.
OUTFALL SEWERSHED						

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of March 31, 2014

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF CONSTRUCTION COMPLETION	DATE OF EVALUATION COMPLETION	STATUS
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)	4/29/2015 (P)	This contract was awarded to Metra 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 re-started on April 29, 2013 and should continue for 1 year.
OF-7	SC934 - CLEANING OF THE OUTFALL INTERCEPTOR AND RELIEF SEWERS - PHASE II	Cleaning of the relief sewer and outfall interceptor - phase II	12/13/2013 (A)	10/24/2015 (P)	10/24/2016 (P)	The contract was advertised on December 13, 2013. Bid opening will take place on 1/29/14
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_007NMH to S13UUJ_008MH). Work includes excavation and removal of existing 12 inch sewer line, installation of 2400 LF of new 18-inch sewer line and relocation of 720 LF of 20-inch water line. Evaluation phase will include continual monitoring of existing engineered SSOs 132, 134 and 135 to ensure no overflows	2/10/2012 (A)	12/15/2013 (P)	12/15/2014 (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.
HL-9	SC907 - East Baltimore Region	SC 907 - Repair and rehabilitation of sanitary sewer and manholes in the East region of the High Level Sewershed.	3/22/2013 (A)	3/22/2015 (P)	3/22/2016 (P)	The contract was advertised on March 22, 2013. The lowest bidder is Inland Waters. The project was awarded on 8/14/13 and NTP was issued on 11/1/13.
HL-10	SC906 - West Baltimore Region	SC 906 - Repair and rehabilitation of sanitary sewer and manholes in the West region of the High Level Sewershed.	5/10/2013 (A)	8/7/2015 (P)	8/7/2016 (P)	The contract was advertised on May 10, 2013. Lowest Bidder is SAK Construction. The contract was awarded on 11/13/13.
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 - microunreling project	7/26/2013 (A)	7/16/2015 (P)	7/16/2016 (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)	1/22/2016 (P)	The contract was advertised on July 26, 2013. Lowest Bidder is Video Pipe Services Construction. Due to an unbalanced bid, the contract will be awarded to the second lowest bidder Proven Management.
HL-12	SC905 - North Region of High Level Sewershed	SC 905 - Repair and rehabilitation of sanitary sewer and manholes in the North region of the High Level Sewershed.	10/11/2013 (A)	4/9/2015 (P)	4/9/2015 (P)	The contract was advertised on October 11, 2013. Lowest Bidder is Spiniello.
HR-1	SC911 - Herring Run Sewer Improvement	SC 911 - Repair and rehabilitation of sanitary sewer and manholes in the Herring Run Sewershed.	8/16/2013 (A)	8/16/2015 (P)	8/16/2016 (P)	The contract was advertised on 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)	8/27/2016 (P)	The contract was advertised on September 6, 2013. Lowest Bidder is Anchor Construction. Due to issues with MBEN/BE, the contract will be awarded to the second lowest bidder AM Liner East.
HR-3	SC909 - Herring Run Sewer Improvement	SC 909 - Repair and rehabilitation of sanitary sewer and manholes in the Herring Run Sewershed.	10/11/2013 (A)	10/8/2015 (P)	10/8/2015 (P)	The contract was advertised on October 11, 2013. Lowest Bidder is Inland Construction.
LL-1	SC922R - Low Level Interceptor Cleaning	SC 922R - cleaning of the Low Level Interceptor	1/31/2014 (P)	7/30/2015 (P)	7/30/2016 (P)	The contract was advertised on August 16, 2013. Lowest Bidder is Video Pipe Services Construction. Due to unbalanced bids, this contract will be readvertised on 1/31/14.
LL-2	SC913 - Western Region of Low Level	SC 913 - Repair and rehabilitation of sanitary sewer and manholes in the Western Region of the Low Level Sewershed.	9/20/2013 (A)	9/10/2015 (P)	9/10/2016 (P)	The contract was advertised on September 20, 2013. The lowest bidder is Metra.

Note: Shaded date cells indicate completion.

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of March 31, 2014

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)	9/10/2016 (P)	The contract was advertised on September 20, 2013. The lowest bidder is Insituform.

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

APPENDIX 3

LIST OF ILLEGAL CONNECTIONS

City of Baltimore Sanitary Sewer Overflow Consent Decree

Civil Action No. JPH-02-1524

List of Illegal Connections

Full Address	Test ID	Person/Entity Responsible	Source Type	Date Identified	Dye Result	Current Status	Comments
1. 5904 Berkeley Ave.	172 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
2. 6203 Baltimore Ave.	311 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
3. 3319 Clarks Ln.	212 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
4. 3319 Clarks Ln.	212 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
5. 3601 Clarks Ln.	256 B 1	Property Owner	Area Drain	3/21/2005	Positive	Newly Identified	Confirmed Not Illegal
6. 2238 Crest Rd.	14 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
7. 2302 Crest Rd.	13 A 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
8. 1306 Cross Country Blvd.	13 A 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
9. 5616 Cross Country Blvd.	99 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
10. 6309 Fairlane Dr.	154 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
11. 6908 Fieldcrest Rd.	272 B 3	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
12. 6908 Fieldcrest Rd.	272 B 3	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
13. 3800 Glenvale Ave.	275 B 13	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
14. ### Greenspring Ave.	153, B 5	Property Owner	Downspout	4/03/47		Illegal	It was confirmed as an illegal connection in January 2011 after carrying out more dye-testing. A letter was sent to the property owner on August 08, 2011. A follow up letter dated 01/05/2012 was sent to the property owner requesting that the drain be disconnected. Corrective action has been taken. This location was tested and confirmed that the problem has been abated.
15. 2212 Ken Oak Rd.	153 B 4	Property Owner	Area Drain	3/28/2005	Positive	Newly Identified	Confirmed Not Illegal
16. 2212 Ken Oak Rd.	100 A 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
17. 2416 Ken Oak Rd.	101 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
18. 5609 Ken Ave.	50 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
19. 2504 Larkvale Rd.	154 B 7	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
20. 5815 Lochlea Rd.	116 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
21. 5815 Lochlea Rd.							A letter was sent to HCD on May 25, 2011, for further action. A violation Notice was issued in July 2011. A meeting was held on July 28, 2011, with Marble Hall Apartment management to discuss the progress of relocating the illegal connection. Per the management of the apartment complex, the connection was re-routed in August 2011. Follow up testing was carried out in September which indicated that the fix has not prevented storm water getting into the sanitary sewers. Further coordination is being done to permanently resolve the issue. A letter dated 11/28/11 was sent to HCD to continue enforcement. Property owner is not responsive. DPW will coordinate with HCD for enforcement. This violation has been corrected. A City representative visited the site and conducted visual inspection and dye test on March 11, 2013 to confirm. This location is confirmed as an illegal connection in May 2011 after carrying out more dye-testing. A letter was sent to the property owner on August 08, 2011. A follow up letter dated 11/28/11 was sent to the property owner requesting that the connection be disconnected. Corrective action has been taken. This location was tested and confirmed that the problem has been abated.
22. 4424 Marble Hall Road		Property Manager	Stormwater Drain	4/13/2011		Illegal	
23. 3 Millbrook Rd.	D 1	Property Owner/Trustee	Patio Drain	5/19/2011		Illegal	
24. 5806 Park Heights Ave.	78 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
25. 78 B 2	78 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
26. 78 B 3	78 B 3	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
27. 78 B 9	78 B 9	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
28. 78 B 8	78 B 8	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
29. 5905 Park Heights Ave.	95 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
30. 6414 Park Heights Ave.	315 A 4	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
31. 6414 Park Heights Ave.	315 A 3	Property Owner	Area Drain	3/27/2005	Positive	Newly Identified	Confirmed Not Illegal
32. 7126 Park Heights Ave.	280 B 16	Property Owner	Downspout Connection	6/20/2005		Newly Identified	Confirmed Not Illegal
33. 6311 Pearce Ave.	203 B 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
34. 6106 Phyllis Rd.	203 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
35. 6106 Phyllis Rd.	127 B 1	Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
36. 6306 Phyllis Rd.	30 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
37. 5503 Rust Ave.	334 A 1	Property Owner	Downspout	3/15/2005	Positive	Newly Identified	Confirmed Not Illegal
38. 3208 Shelburne Rd.	324 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
39. 1702 South Rd.	320 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
40. 2117 Sultgrave Ave.	183 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
41. 2607 Taney Rd.	183 B 2	Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
42. 2615 Taney Rd.	183 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
43. 2700 Taney Rd.	183 B 8	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
44. 2808 Taney Rd.	182 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
45. 2810 W. Stratmore Ave.	180 A 5	Property Owner	Downspout	6/20/2005		Newly Identified	Confirmed Not Illegal
46. 2810 W. Stratmore Ave.		Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
47. 2808 W. Stratmore Ave.		Property Owner	Downspout	6/20/2005	Positive	Newly Identified	Confirmed Not Illegal
48. 3208 W. Stratmore Ave.		Property Owner	Downspout	6/20/2005	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. ### Seward Ave		Property Owner	Swimming Pool	4/07/64	Positive	Illegal	A letter dated 12/9/11 was sent to the property owner requesting that the drain be disconnected from the sanitary line. The illegal connection was removed by the owner.

APPENDIX 4

PUMPING STATION WORK ORDERS

04/24/14 12:17:37

Total Issued W/O's

Mike/Keith Locations:

WDCMPMSAL

PAGE 1

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmplt Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST BRKLYN	14.81327			25	P	20140102	PM	INSPS	INSPECTION	
		14.81328			30	P	20140102	20140130	PM	INSPS	INSPECTION
		14.81329			25	P	20140102		PM	INSPS	INSPECTION
		14.81330			25	P	20140102		PM	INSPS	INSPECTION
		14.81331			30	P	20140102	20140130	PM	INSPS	INSPECTION
		14.81332			30	P	20140102	20140130	PM	INSPS	INSPECTION
		14.81333			30	P	20140102	20140131	PM	INSPS	INSPECTION
		14.81334			30	P	20140102	20140131	PM	INSPS	INSPECTION
		14.81335			30	P	20140102	20140131	PM	INSPS	INSPECTION
		14.81336			30	P	20140102	20140130	PM	INSPS	CHECK COMPONENTS
		14.81337			25	P	20140102		PM	INSPS	INSPECTION
		14.81338			30	P	20140102	20140131	PM	INSPS	INSPECTION
		14.81339			30	P	20140102	20140129	PM	INSPS	INSPECTION
		14.81340			30	P	20140102	20140130	PM	INSPS	INSPECT AND CALIBRATE
		14.81341			30	P	20140102	20140127	PM	INSPS	INSPECT AND CALIBRATE
		14.81342			30	P	20140102	20140127	PM	INSPS	CLEAN AND INSPECT
		14.81343			30	P	20140102	20140127	PM	INSPS	CLEAN AND INSPECT
		14.81509			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS
		14.81510			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS
		14.81511			25	P	20140102		PM	PM	INSPECT OPERATION AND LUBE
		14.81512			25	P	20140102		PM	PM	INSPECT OPERATION AND LUBE
		14.81513			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS
		14.81514			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS
		14.81515			25	P	20140102		PM	PM	INSPECTION
		14.81516			25	P	20140102		PM	PM	INSPECT, CHECK VARIOUS COMPONENTS
		14.81517			25	P	20140102		PM	PM	CHECK UNIT (GEAR REDUCER)
		14.81517			25	P	20140102		PM	PM	CHECK UNIT (GEAR REDUCER)
		14.81518			25	P	20140102		PM	PM	CLEAN AND LUBRICATE UNIT
		14.81519			25	P	20140102		PM	PM	CLEAN AND LUBRICATE UNIT
		14.81520			25	P	20140102		PM	PM	CLEAN AND LUBRICATE UNIT
		14.81520			25	P	20140102		PM	PM	CLEAN AND LUBRICATE UNIT
		14.81521			25	P	20140102		PM	PM	INSPECT AND LUBRICATE GATE
		14.81522			25	P	20140102		PM	PM	CLEAN AND LUBRICATE UNIT
		14.81522			25	P	20140102		PM	PM	CLEAN AND LUBRICATE UNIT
		14.81523			25	P	20140102		PM	PM	CLEAN AND LUBRICATE
		14.81524			25	P	20140102		PM	PM	CLEAN AND LUBRICATE
		14.81525			25	P	20140102		PM	PM	CLEAN AND LUBRICATE
		14.81526			25	P	20140102		PM	PM	INSPECTION
		14.81527			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS AND LUBE BEARI
		14.81528			25	P	20140102		PM	PM	INSPECTION
		14.81529			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
		14.81530			25	P	20140102		PM	PM	INSPECT NORMAL OPERATION
		14.81531			25	P	20140102		PM	PM	LUBRICATION
		14.81532			25	P	20140102		PM	PM	INSPECTION
		14.81587			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS
		14.81588			25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS
		14.81616			30	P	20140102	20140121	PM	ELCPS	INSPECT AND CLEAN
		14.81617			30	P	20140102	20140121	PM	ELCPS	INSPECT AND CLEAN

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37

PUMPING STATIONS - PM only **LOCPO MCST GUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WD Suf	WD Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST BRKLYN	14.81618			30	P	20140102	20140121	PM	ELCPS	INSPECT AND CLEAN.
		14.81619			30	P	20140102	20140121	PM	ELCPS	INSPECT AND CLEAN.
		14.81620			30	P	20140102	20140121	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81620			30	P	20140102	20140121	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81621			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81621			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81622			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81622			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81623			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81623			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81624			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81624			30	P	20140102	20140115	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81625			30	P	20140102	20140118	PM	ELCPS	CLEAN, CHECK, LUBRICATE
		14.81626			30	P	20140102	20140115	PM	ELCPS	CLEAN & INSPECT
		14.81627			30	P	20140102	20140115	PM	ELCPS	CLEAN & INSPECT
		14.81628			30	P	20140102	20140114	PM	ELCPS	CLEAN & INSPECT
		14.81629			25	P	20140102		PM	ELCPS	CLEAN & INSPECT
		14.81630			30	P	20140102	20140121	PM	ELCPS	CLEAN AND INSPECT
		14.81630			30	P	20140102	20140121	PM	ELCPS	CLEAN AND INSPECT
		14.81631			30	P	20140102	20140121	PM	ELCPS	CLEAN AND INSPECT
		14.81631			30	P	20140102	20140121	PM	ELCPS	CLEAN AND INSPECT
		14.81632			30	P	20140102	20140114	PM	ELCPS	TEST AND INSPECT
		14.81633			30	P	20140102	20140114	PM	ELCPS	TEST AND INSPECT
		14.81634			30	P	20140102	20140114	PM	ELCPS	TEST AND INSPECT
		14.81635			30	P	20140102	20140114	PM	ELCPS	TEST AND INSPECT
		14.81636			30	P	20140102	20140114	PM	ELCPS	TEST AND INSPECT
		14.81738			25	P	20140203		PM	PM	CHECK VARIOUS COMPONENTS
		14.81739			25	P	20140203		PM	PM	CHECK VARIOUS COMPONENTS
		14.81814			30	P	20140203	20140225	PM	ELCPS	INSPECT AND LUBRICATE
		14.81815			30	P	20140203	20140225	PM	ELCPS	INSPECT AND LUBRICATE
		14.81816			30	P	20140203	20140225	PM	ELCPS	INSPECT AND LUBRICATE
		14.81817			30	P	20140203	20140225	PM	ELCPS	INSPECT AND LUBRICATE
		14.81818			30	P	20140203	20140225	PM	ELCPS	INSPECT AND LUBRICATE
		14.81819			30	P	20140203	20140228	PM	ELCPS	INSPECT AND LUBRICATE
		14.81820			25	P	20140203		PM	ELCPS	INSPECT AND LUBRICATE
		14.81821			30	P	20140203	20140225	PM	ELCPS	INSPECT AND LUBRICATE
		14.81822			30	P	20140203	20140228	PM	ELCPS	INSPECT AND LUBRICATE
		14.81823			30	P	20140203	20140225	PM	ELCPS	INSPECT AND LUBRICATE
		14.81824			30	P	20140203	20140219	PM	ELCPS	INSPECT AND CLEAN
		14.81825			30	P	20140203	20140219	PM	ELCPS	INSPECT AND LUBRICATE
		14.81826			30	P	20140203	20140219	PM	ELCPS	INSPECT AND LUBRICATE
		14.81827			30	P	20140203	20140205	PM	ELCPS	INSPECT AND LUBRICATE
		14.81828			30	P	20140203	20140205	PM	ELCPS	INSPECT AND LUBRICATE
		14.81829			30	P	20140203	20140205	PM	ELCPS	INSPECT AND LUBRICATE
		14.81830			30	P	20140203	20140219	PM	ELCPS	INSPECT AND LUBRICATE
		14.81874			30	P	20140203	20140311	PM	INSPS	INSPECTION
		14.81875			30	P	20140203	20140311	PM	INSPS	INSPECTION
		14.81876			30	P	20140203	20140311	PM	INSPS	INSPECTION

04/24/14 12:17:37

Total Issued W/O's

Mike/Keith Locations:

WDCOMPSAL

PAGE

3

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WD Suf	WD Sts	TYPE	WD Issue	WD Date	Wk Cmplt	Wk Typ	Craft Code	Short Description
11	PUMPING ST BRKLYN	14.81877	30	P	20140203	20140311	PM	INSPS	INSPECTION			
		14.81878	25	P	20140203	PM	INSPS	INSPECTION				
		14.81879	30	P	20140203	20140312	PM	INSPS	INSPECTION			
		14.81880	30	P	20140203	20140312	PM	INSPS	INSPECTION			
		14.81975	25	P	20140303	PM	PM	CHECK VARIOUS COMPONENTS				
		14.81976	25	P	20140303	PM	PM	CHECK VARIOUS COMPONENTS				
		14.82075	30	P	20140303	20140324	PM	ELCPS	INSPECT AND CLEAN			
		14.82076	30	P	20140303	20140324	PM	ELCPS	CLEAN, CHECK, LUBRICATE			
		14.82076	30	P	20140303	20140324	PM	ELCPS	CLEAN, CHECK, LUBRICATE			
		14.82077	30	P	20140303	20140324	PM	ELCPS	CLEAN, CHECK, LUBRICATE			
		14.82077	30	P	20140303	20140324	PM	ELCPS	CLEAN, CHECK, LUBRICATE			
		14.82078	30	P	20140303	20140324	PM	ELCPS	CLEAN, CHECK, LUBRICATE			
		14.82079	30	P	20140303	20140324	PM	ELCPS	CLEAN, CHECK, LUBRICATE			
		14.82079	30	P	20140303	20140324	PM	ELCPS	CLEAN, CHECK, LUBRICATE			
		14.82111	25	P	20140303	PM	HA	CLEAN AND LUBRICATE				
		14.82112	25	P	20140303	PM	HA	INSPECT VARIOUS UNITS				
		14.82159	30	P	20140303	20140314	PM	INSPS	INSPECTION			
		14.82160	30	P	20140303	20140314	PM	INSPS	INSPECTION			
		14.82161	30	P	20140303	20140310	PM	INSPS	INSPECTION			
		14.82162	30	P	20140303	20140310	PM	INSPS	INSPECTION			
		14.82163	30	P	20140303	20140310	PM	INSPS	INSPECTION			
		14.82164	30	P	20140303	20140310	PM	INSPS	INSPECTION			
		14.82165	30	P	20140303	20140313	PM	INSPS	CHECK COMPONENTS			
		14.82166	25	P	20140303	PM	INSPS	INSPECTION				
		14.82167	30	P	20140303	20140312	PM	INSPS	INSPECTION			
		14.82168	30	P	20140303	20140312	PM	INSPS	INSPECTION			
		14.82169	30	P	20140303	20140314	PM	INSPS	CLEAN AND INSPECT			
		14.82170	30	P	20140303	20140314	PM	INSPS	CLEAN AND INSPECT			
		14.82270	25	P	20140331	PM	PM	LUBRICATE AND CHANGE OIL				
		14.82271	25	P	20140331	PM	PM	LUBRICATE AND CHANGE OIL				
		14.82272	25	P	20140331	PM	PM	CHECK VARIOUS COMPONENTS				
		14.82272	25	P	20140331	PM	PM	CHECK VARIOUS COMPONENTS				
		14.82273	25	P	20140331	PM	PM	CHECK VARIOUS COMPONENTS				
		14.82274	25	P	20140331	PM	PM	INSPECTION				
		14.82289	25	P	20140331	PM	HA	CLEAN AND INSPECT				
		14.82336	30	P	20140331	20140408	PM	ELCPS	CHECK BATTERIES & LIGHT			
		14.82336	30	P	20140331	20140408	PM	ELEC	CHECK BATTERIES & LIGHT			
		14.82337	30	P	20140331	20140407	PM	ELCPS	CHECK COMPONENTS			
		14.82338	30	P	20140331	20140407	PM	ELCPS	INSPECT AND CLEAN			
		14.82339	30	P	20140331	20140407	PM	ELCPS	INSPECT AND CLEAN			
		14.82340	30	P	20140331	20140408	PM	ELCPS	INSPECT AND CLEAN			
		14.82341	30	P	20140331	20140408	PM	ELCPS	INSPECT AND CLEAN			
		14.82342	30	P	20140331	20140408	PM	ELCPS	INSPECT AND CLEAN			
		14.82343	30	P	20140331	20140408	PM	ELCPS	INSPECT AND CLEAN			
		14.82344	30	P	20140331	20140408	PM	ELCPS	CHECK OPERATION/INSPECTION			
		14.82345	30	P	20140331	20140408	PM	ELCPS	INSPECTION			
		14.82363	30	P	20140331	20140402	PM	MCHPS	CLEAN VACUUM LINES			
		14.82364	30	P	20140331	20140402	PM	MCHPS	CLEAN VACUUM LINES			

Jan. 01/14 - Mar. 31/14

BRKLYN DUNDAL EASTER JF as of 12:17:37

PUMPING STATIONS - PM only **LOCPO MCST GUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WD Suf	WD Sts	TYPE	WD Issue Date	WD Cmplt Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST BRKLYN	14.82389	14.82390		25	P	20140331		PM	INSPS	INSPECTION
			14.82391		25	P	20140331		PM	INSPS	INSPECTION
			14.82392		25	P	20140331		PM	INSPS	INSPECTION
			14.82393		25	P	20140331		PM	INSPS	INSPECTION
			14.82394		25	P	20140331		PM	INSPS	INSPECTION
			14.82395		25	P	20140331		PM	INSPS	INSPECTION

Total W/O's for Location BRKLYN:

COUNT 151

DUNDAL	14.81309	25	P	20140102		PM	INSPS	INSPECT AND CALIBRATE
	14.81310	30	P	20140102	20140113	PM	INSPS	INSPECTION
	14.81311	25	P	20140102		PM	INSPS	INSPECTION
	14.81312	30	P	20140102	20140116	PM	INSPS	INSPECTION
	14.81313	30	P	20140102	20140116	PM	INSPS	INSPECTION
	14.81314	25	P	20140102		PM	INSPS	PURGE TRANSMITTER
	14.81315	25	P	20140102		PM	INSPS	INSPECT AND CALIBRATE
	14.81316	30	P	20140102	20140114	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81317	30	P	20140102	20140114	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81318	30	P	20140102	20140115	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81319	30	P	20140102	20140116	PM	INSPS	INSPECT AND CALIBRATE
	14.81320	30	P	20140102	20140117	PM	INSPS	INSPECT AND CALIBRATE
	14.81321	30	P	20140102	20140115	PM	INSPS	INSPECTION
	14.81322	30	P	20140102	20140113	PM	INSPS	INSPECTION
	14.81323	30	P	20140102	20140115	PM	INSPS	INSPECTION
	14.81324	25	P	20140102		PM	INSPS	INSPECTION
	14.81325	30	P	20140102	20140116	PM	INSPS	INSPECT AND CLEAN
	14.81462	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81463	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81464	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81465	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81466	30	P	20140102	20140325	PM	PM	TEST AND LUBRICATE
	14.81467	30	P	20140102	20140325	PM	PM	TEST AND LUBRICATE
	14.81468	30	P	20140102	20140325	PM	PM	TEST AND LUBRICATE
	14.81469	30	P	20140102	20140325	PM	PM	TEST AND LUBRICATE
	14.81470	30	P	20140102	20140325	PM	PM	TEST AND LUBRICATE
	14.81471	30	P	20140102	20140325	PM	PM	TEST AND LUBRICATE
	14.81472	30	P	20140102	20140325	PM	PM	TEST AND LUBRICATE
	14.81473	30	P	20140102	20140319	PM	PM	TEST AND LUBRICATE
	14.81474	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81475	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81476	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81477	30	P	20140102	20140325	PM	PM	INSPECT AND LUBRICATE
	14.81478	30	P	20140102	20140325	PM	PM	MONTHLY INSPECTION
	14.81479	30	P	20140102	20140325	PM	PM	MONTHLY INSPECTION
	14.81480	30	P	20140102	20140325	PM	PM	INSPECT AND LUBE
	14.81481	30	P	20140102	20140326	PM	PM	CLEAN AND LUBRICATE

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Cg No	Cost Center	Cost Loc	Parent WO	WD Suf	WD Sts	TYPE	WD Issue Date	WO Cmplt Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST	DUNDAL	14.81482		30	P	20140102	20140326	PM	PM	CLEAN AND LUBRICATE
			14.81483		30	P	20140102	20140326	PM	PM	CLEAN AND LUBRICATE
			14.81484		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE
			14.81485		30	P	20140102	20140326	PM	PM	MONTHLY INSPECTION
			14.81486		30	P	20140102	20140325	PM	PM	MONTHLY INSPECTION
			14.81487		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE
			14.81487		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE
			14.81488		30	P	20140102	20140326	PM	PM	INSPECTION
			14.81489		30	P	20140102	20140326	PM	PM	INSPECTION
			14.81490		30	P	20140102	20140326	PM	PM	INSPECT
			14.81491		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE
			14.81492		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE
			14.81493		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE
			14.81494		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE
			14.81495		30	P	20140102	20140327	PM	PM	INSPECT TANK
			14.81496		30	P	20140102	20140325	PM	MCHPS	CLEAN VACUUM LINES
			14.81496		30	P	20140102	20140325	PM	PM	CLEAN VACUUM LINES
			14.81497		30	P	20140102	20140325	PM	MCHPS	CLEAN VACUUM LINES
			14.81497		30	P	20140102	20140325	PM	PM	CLEAN VACUUM LINES
			14.81498		30	P	20140102	20140326	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.81499		30	P	20140102	20140325	PM	PM	FLUSH COOLING SYSTEM &CHANGE OIL
			14.81500		30	P	20140102	20140325	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.81501		30	P	20140102	20140326	PM	PM	OBSERVE OPERATION, LUBRICATION
			14.81502		30	P	20140102	20140326	PM	PM	OBSERVE OPERATION, LUBRICATION
			14.81503		30	P	20140102	20140326	PM	PM	MONTHLY INSPECTION
			14.81504		30	P	20140102	20140327	PM	PM	MONTHLY INSPECTION
			14.81568		25	P	20140102		PM	HA	CHANGE AIR FILTERS
			14.81608		30	P	20140102	20140115	PM	ELCPS	INSPECTION.(CONTROLS).
			14.81609		30	P	20140102	20140115	PM	ELCPS	CHECK OPERATOIN
			14.81610		30	P	20140102	20140117	PM	ELCPS	CHECK OPERATOIN
			14.81611		30	P	20140102	20140117	PM	ELCPS	CHECK OPERATOIN
			14.81612		30	P	20140102	20140117	PM	ELCPS	CHECK OPERATOIN
			14.81613		30	P	20140102	20140117	PM	ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL
			14.81614		30	P	20140102	20140117	PM	ELCPS	CLEAN AND INSPECT
			14.81736		30	P	20140203	20140325	PM	PM	QUARTERLY INSPECTION AND LUBRICATION
			14.81736		30	P	20140203	20140325	PM	PM	QUARTERLY INSPECTION AND LUBRICATION
			14.81737		30	P	20140203	20140325	PM	PM	INSPECTION
			14.81788		30	P	20140203	20140307	PM	ELCPS	CLEAN/INSPECT/CALIBRI.MERCROID SWITCHES.
			14.81789		30	P	20140203	20140307	PM	ELCPS	CLEAN/INSPECT/CALIBRT.
			14.81790		30	P	20140203	20140307	PM	ELCPS	CLEAN/INSPECT/CALIBRT.
			14.81791		30	P	20140203	20140312	PM	ELCPS	INSPECT AND LUBRICATE
			14.81792		30	P	20140203	20140312	PM	ELCPS	INSPECT AND LUBRICATE
			14.81793		30	P	20140203	20140312	PM	ELCPS	INSPECT AND LUBRICATE
			14.81794		30	P	20140203	20140219	PM	ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL
			14.81795		30	P	20140203	20140307	PM	ELCPS	CLEAN AND INSPECT
			14.81796		30	P	20140203	20140319	PM	ELCPS	CLEAN AND INSPECT
			14.81797		30	P	20140203	20140305	PM	ELCPS	CLEAN AND INSPECT
			14.81798		30	P	20140203	20140305	PM	ELCPS	CLEAN AND INSPECT

Jan. 01/14 - mar. 31/14

BRKLYN DUNDAL EASTER JF as of 12:17:37

PUMPING STATIONS - PM only **LOCPO MCST GUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WD Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST DUNDAL	14.81799			30	P	20140203	20140305	PM	ELCPS	CLEAN AND INSPECT
		14.81800			30	P	20140203	20140305	PM	ELCPS	CLEAN AND INSPECT
		14.81801			30	P	20140203	20140305	PM	ELCPS	CLEAN AND INSPECT
		14.81802			30	P	20140203	20140310	PM	ELCPS	ANNUAL INSPECTION AND CLEANING
		14.81803			30	P	20140203	20140310	PM	ELCPS	ANNUAL INSPECTION AND CLEANING
		14.81804			30	P	20140203	20140219	PM	ELCPS	ANNUAL INSPECTION
		14.81805			30	P	20140203	20140219	PM	ELCPS	ANNUAL INSPECTION
		14.81806			30	P	20140203	20140219	PM	ELCPS	ANNUAL INSPECTION
		14.81807			30	P	20140203	20140219	PM	ELCPS	ANNUAL INSPECTION
		14.81808			30	P	20140203	20140307	PM	ELCPS	ANNUAL PANEL INSPECT.
		14.81808			30	P	20140203	20140307	PM	ELCPS	ANNUAL PANEL INSPECT.
		14.81809			30	P	20140203	20140307	PM	ELCPS	CLEAN, INSPECT CONTROL
		14.81810			30	P	20140203	20140212	PM	ELCPS	CLEAN, INSPECT CONTROL
		14.81811			30	P	20140203	20140212	PM	ELCPS	CLEAN AND INSPECT
		14.81811			30	P	20140203	20140212	PM	ELCPS	CLEAN AND INSPECT
		14.81812			30	P	20140203	20140212	PM	ELCPS	CLEAN AND INSPECT
		14.81812			30	P	20140203	20140212	PM	ELCPS	CLEAN AND INSPECT
		14.81867			25	P	20140203		PM	INSPS	INSPECT AND CALIBRATE
		14.81868			25	P	20140203		PM	INSPS	INSPECTION
		14.81869			25	P	20140203		PM	INSPS	PURGE TRANSMITTER.
		14.81870			25	P	20140203		PM	INSPS	INSPECT AND CALIBRATE
		14.81871			30	P	20140203	20140319	PM	INSPS	INSPECTION
		14.81872			25	P	20140203		PM	INSPS	INSPECTION
		14.81873			30	P	20140203	20140321	PM	INSPS	INSPECT AND CLEAN
		14.81920			30	P	20140203	20140310	PM	ELCPS	INSPECTION
		14.81920			30	P	20140203	20140310	PM	MCHPS	INSPECTION
		14.81921			30	P	20140203	20140310	PM	MCHPS	INSPECTION
		14.82042			30	P	20140303	20140327	PM	ELCPS	INSPECTION (CONTROLS).
		14.82043			25	P	20140303	20140409	PM	ELCPS	INSPECT AND LUBRICATE
		14.82044			25	P	20140303	20140409	PM	ELCPS	INSPECT AND LUBRICATE
		14.82045			25	P	20140303	20140409	PM	ELCPS	INSPECT AND LUBRICATE
		14.82046			25	P	20140303	20140409	PM	ELCPS	INSPECT AND LUBRICATE
		14.82047			25	P	20140303	20140409	PM	ELCPS	INSPECT AND LUBRICATE
		14.82048			25	P	20140303	20140409	PM	ELCPS	INSPECT AND LUBRICATE
		14.82049			25	P	20140303		PM	ELCPS	CLEAN AND INSPECT
		14.82050			25	P	20140303		PM	ELCPS	CLEAN AND INSPECT
		14.82051			25	P	20140303		PM	ELCPS	CLEAN AND INSPECT
		14.82052			25	P	20140303		PM	ELCPS	CLEAN AND INSPECT
		14.82053			25	P	20140303		PM	ELCPS	CLEAN AND INSPECT
		14.82054			30	P	20140303	20140327	PM	ELCPS	CLEAN AND INSPECT
		14.82055			25	P	20140303	20140409	PM	ELCPS	CLEAN AND INSPECT
		14.82056			25	P	20140303	20140415	PM	ELCPS	CLEAN AND INSPECT
		14.82057			25	P	20140303	20140415	PM	ELCPS	CLEAN AND INSPECT
		14.82058			25	P	20140303	20140415	PM	ELCPS	CLEAN AND INSPECT
		14.82059			25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE
		14.82060			25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE
		14.82061			25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE
		14.82062			25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST DUNDAL	14.82063	25	P	20140303	20140415	PM	ELCPS	INSPECT AND LUBRICATE		
		14.82064	30	P	20140303	20140327	PM	ELCPS	ANNUAL INSPECTION AND CLEANING		
		14.82065	30	P	20140303	20140312	PM	ELCPS	ANNUAL INSPECTION AND CLEANING		
		14.82066	30	P	20140303	20140312	PM	ELCPS	ANNUAL INSPECTION AND CLEANING		
		14.82067	30	P	20140303	20140327	PM	ELCPS	CLEAN, INSPECT CONTROL		
		14.82068	30	P	20140303	20140327	PM	ELCPS	INSPECT CONTROL		
		14.82069	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82069	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82110	25	P	20140303		PM	HA	INSPECT V-BELT		
		14.82144	25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE		
		14.82145	30	P	20140303	20140317	PM	INSPS	INSPECTION		
		14.82146	25	P	20140303		PM	INSPS	INSPECTION		
		14.82147	30	P	20140303	20140321	PM	INSPS	INSPECTION		
		14.82148	30	P	20140303	20140321	PM	INSPS	INSPECTION		
		14.82149	25	P	20140303		PM	INSPS	PURGE TRANSMITTER.		
		14.82150	25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE		
		14.82151	30	P	20140303	20140319	PM	INSPS	CLEAN/INSPECT/CALIBRATE		
		14.82152	30	P	20140303	20140319	PM	INSPS	CLEAN/INSPECT/CALIBRATE		
		14.82153	30	P	20140303	20140319	PM	INSPS	CLEAN/INSPECT/CALIBRATE		
		14.82154	30	P	20140303	20140319	PM	INSPS	INSPECTION		
		14.82155	30	P	20140303	20140315	PM	INSPS	INSPECTION		
		14.82156	30	P	20140303	20140319	PM	INSPS	INSPECTION		
		14.82157	25	P	20140303		PM	INSPS	INSPECTION		
		14.82158	30	P	20140303	20140321	PM	INSPS	INSPECT AND CLEAN		
		14.82252	25	P	20140331		PM	PM	LUBE COUPLING		
		14.82253	25	P	20140331		PM	PM	LUBE COUPLING		
		14.82254	25	P	20140331		PM	PM	LUBE COUPLING		
		14.82255	25	P	20140331		PM	PM	LUBE COUPLING		
		14.82256	25	P	20140331		PM	PM	OIL CHANGE (REDUCER)		
		14.82257	25	P	20140331		PM	PM	OIL CHANGE (REDUCER)		
		14.82257	25	P	20140331		PM	PM	OIL CHANGE (REDUCER)		
		14.82258	25	P	20140331		PM	PM	OIL CHANGE		
		14.82259	25	P	20140331		PM	PM	INSPECT AND LUBE GATE		
		14.82260	25	P	20140331		PM	PM	INSPECT AND LUBE GATE		
		14.82261	25	P	20140331		PM	PM	INSPECT AND LUBE GATE		
		14.82262	25	P	20140331		PM	PM	INSPECT AND LUBE GATE		
		14.82263	25	P	20140331		PM	PM	INSPECT AND LUBE GATE		
		14.82264	25	P	20140331		PM	PM	INSPECT AND LUBE GATE		
		14.82265	25	P	20140331		PM	PM	INSPECT		
		14.82266	25	P	20140331		PM	PM	INSPECT TANK		
		14.82267	25	P	20140331		PM	PM	CRANE GEAR BOX OIL LEVEL CHECK & LUBRIC		
		14.82279	25	P	20140331		PM	HA	INSPECTION		
		14.82280	25	P	20140331		PM	HA	INSPECTION		
		14.82281	25	P	20140331		PM	HA	INSPECTION		
		14.82282	25	P	20140331		PM	HA	INSPECTION		
		14.82283	25	P	20140331		PM	HA	INSPECTION		
		14.82284	25	P	20140331		PM	HA	INSPECTION		
		14.82285	25	P	20140331		PM	HA	INSPECTION		

Co No	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST DUNDAL	14.82286		25	P	20140331		PM	HA	INSPECTION
		14.82287		25	P	20140331		PM	HA	INSPECTION
		14.82288		25	P	20140331		PM	HA	INSPECTION
		14.82290		25	P	20140331		PM	ELCPS	INSPECT AND CLEAN
		14.82319		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82320		25	P	20140331		PM	ELCPS	CHECK OPERATOIN.
		14.82321		25	P	20140331		PM	ELCPS	CHECK OPERATOIN.
		14.82322		25	P	20140331		PM	ELCPS	CHECK OPERATOIN.
		14.82323		25	P	20140331		PM	ELCPS	CHECK OPERATOIN.
		14.82324		25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82325		25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82326		25	P	20140331		PM	ELCPS	CHECK OPERATION/INSPECTION
		14.82327		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82328		25	P	20140331		PM	ELCPS	TEST AND INSPECT
		14.82329		25	P	20140331		PM	ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL.
		14.82330		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82331		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82332		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82333		25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82333		25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82334		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82335		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82335		25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82382		25	P	20140331		PM	INSPS	INSPECT AND CALIBRATE
		14.82383		25	P	20140331		PM	INSPS	INSPECTION
		14.82384		25	P	20140331		PM	INSPS	PURGE TRANSMITTER.
		14.82385		25	P	20140331		PM	INSPS	INSPECT AND CALIBRATE
		14.82386		25	P	20140331		PM	INSPS	INSPECTION
		14.82387		25	P	20140331		PM	INSPS	INSPECTION
		14.82388		25	P	20140331		PM	INSPS	INSPECT AND CLEAN
Total W/O's for Location DUNDAL:										
COUNT 211										
	EASTER	14.81275		30	P	20140102	20140203	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81276		30	P	20140102	20140128	PM	INSPS	INSPECT/CLEAN/CALIBRATE
		14.81277		30	P	20140102	20140128	PM	INSPS	INSPECT/CLEAN/CALIBRATE
		14.81278		30	P	20140102	20140131	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81279		30	P	20140102	20140128	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81280		30	P	20140102	20140203	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81281		30	P	20140102	20140203	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81282		30	P	20140102	20140203	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81283		30	P	20140102	20140131	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81284		30	P	20140102	20140127	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81285		30	P	20140102	20140127	PM	INSPS	INSPECTION
		14.81286		30	P	20140102	20140127	PM	INSPS	INSPECTION
		14.81287		30	P	20140102	20140203	PM	INSPS	CLEAN AND INSPECT
		14.81288		30	P	20140102	20140131	PM	INSPS	INSPECT AND CALIBRATE

Jan. 01/14 - Mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Loc	Parent WD	WD Suf	WD Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER	14.81367		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
		14.81368		30	P	20140102	20140319	PM	PM	CHANGE OIL
		14.81369		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
		14.81370		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
		14.81371		30	P	20140102	20140319	PM	PM	CHANGE OIL
		14.81372		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
		14.81373		30	P	20140102	20140319	PM	PM	CHANGE OIL
		14.81374		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
		14.81375		30	P	20140102	20140319	PM	PM	CHANGE OIL
		14.81376		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATIO
		14.81377		30	P	20140102	20140319	PM	PM	CHANGE OIL
		14.81378		30	P	20140102	20140319	PM	PM	INSPECT AND LUBE
		14.81379		30	P	20140102	20140319	PM	MCHPS	INSPECTION
		14.81379		30	P	20140102	20140319	PM	PM	INSPECTION
		14.81380		25	P	20140102		PM	PM	INSPECT AND LUBRICATE.
		14.81381		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81382		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81383		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81384		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81385		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81386		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81387		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81388		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81389		25	P	20140102		PM	PM	INSPECT AND LUBRICATE.
		14.81390		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81391		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81393		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81394		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.
		14.81395		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81395		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81396		30	P	20140102	20140319	PM	MCHPS	CLEAN VACUUM LINES #1 THRU #6 PUMPS
		14.81396		30	P	20140102	20140319	PM	PM	CLEAN VACUUM LINES #1 THRU #6 PUMPS
		14.81397		30	P	20140102	20140319	PM	PM	OIL CHANGE
		14.81398		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81398		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81399		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81399		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81400		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81400		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81401		30	P	20140102	20140319	PM	PM	CHECK VARIOUS COMPONENTS
		14.81402		30	P	20140102	20140319	PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS
		14.81403		30	P	20140102	20140319	PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS
		14.81404		30	P	20140102	20140319	PM	PM	INSPECT AND CHECK VARIOUS COMPONENTS
		14.81405		30	P	20140102	20140318	PM	PM	LUBRICATION AND CHECKS
		14.81406		30	P	20140102	20140318	PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)
		14.81407		30	P	20140102	20140318	PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)
		14.81407		30	P	20140102	20140318	PM	PM	CHECK UNIT AND CLEAN (GEAR REDUCER)
		14.81408		30	P	20140102	20140318	PM	PM	LUBRICATION AND CHECKS

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37

PUMPING STATIONS - PM only **LOCPO MCST GUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WD	WD Suf	WD Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER	14.81408	14.81409		30	P	20140102	20140318	PM	PM	LUBRICATION AND CHECKS
			14.81410		30	P	20140102	20140318	PM	PM	CHECK_GATE AND LUBRICATE
			14.81411		30	P	20140102	20140318	PM	PM	CHECK_GATE AND LUBRICATE
			14.81412		30	P	20140102	20140318	PM	PM	CHECK_GATE AND LUBRICATE
			14.81413		30	P	20140102	20140318	PM	PM	CLEAN AND LUBRICATE
			14.81414		30	P	20140102	20140318	PM	PM	CLEAN AND LUBRICATE
			14.81415		30	P	20140102	20140318	PM	PM	CLEAN AND LUBRICATE
			14.81416		30	P	20140102	20140318	PM	PM	CLEAN AND LUBRICATE
			14.81417		30	P	20140102	20140318	PM	PM	CHECK VARIOUS UNITS
			14.81418		25	P	20140102		PM	PM	CHECK VARIOUS UNITS
			14.81419		30	P	20140102	20140318	PM	PM	CHECK VARIOUS UNITS
			14.81420		30	P	20140102	20140318	PM	PM	CHECK VARIOUS UNITS
			14.81421		30	P	20140102	20140318	PM	PM	INSPECTION
			14.81422		30	P	20140102	20140318	PM	PM	INSPECTION
			14.81423		30	P	20140102	20140318	PM	PM	CHANGE OIL AND FILTER.
			14.81424		30	P	20140102	20140318	PM	PM	CHANGE OIL AND FILTER.
			14.81425		25	P	20140102		PM	PM	CHANGE OIL AND FILTER.
			14.81426		25	P	20140102		PM	MCHPS	INSPECTION
			14.81427		25	P	20140102		PM	MCHPS	INSPECTION
			14.81428		25	P	20140102		PM	MCHPS	INSPECTION
			14.81429		25	P	20140102		PM	MCHPS	INSPECTION
			14.81430		30	P	20140102	20140107	PM	MCHPS	INSPECTION
			14.81430		30	P	20140102	20140107	PM	PM	INSPECTION
			14.81431		30	P	20140102	20140318	PM	PM	INSPECT NORMAL OPERATION
			14.81432		30	P	20140102	20140318	PM	PM	INSPECT NORMAL OPERATION
			14.81433		30	P	20140102	20140318	PM	PM	INSPECT NORMAL OPERATION
			14.81434		30	P	20140102	20140318	PM	PM	INSPECT NORMAL OPERATION
			14.81435		30	P	20140102	20140318	PM	PM	INSPECT NORMAL OPERATION
			14.81436		30	P	20140102	20140318	PM	PM	INSPECT VARIOUS COMPONENTS
			14.81437		30	P	20140102	20140318	PM	PM	INSPECT VARIOUS COMPONENTS
			14.81438		30	P	20140102	20140318	PM	PM	INSPECT VARIOUS COMPONENTS
			14.81438		30	P	20140102	20140318	PM	PM	INSPECT VARIOUS COMPONENTS
			14.81439		30	P	20140102	20140318	PM	PM	INSPECT VARIOUS COMPONENTS
			14.81558		25	P	20140102		PM	BLDG	CHECK OPERATION AND LUBRICATE
			14.81559		25	P	20140102		PM	BLDG	EXTERMINATE LOCKER RM LOWER LEVEL
			14.81560		25	P	20140102		PM	HA	COMPUTER PAPER PICK-UP
			14.81561		25	P	20140102		PM	HA	INSPECT VARIOUS UNITS
			14.81562		25	P	20140102		PM	HA	INSPECT VARIOUS UNITS
			14.81563		25	P	20140102		PM	HA	INSPECT VARIOUS UNITS
			14.81564		25	P	20140102		PM	HA	INSPECT VARIOUS UNITS
			14.81565		25	P	20140102		PM	HA	INSPECT VARIOUS UNITS
			14.81573		25	P	20140102		PM	PM	INSPECT AND LUBRICATE
			14.81574		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE
			14.81575		30	P	20140102	20140317	PM	PM	INSPECT AND LUBRICATE
			14.81576		30	P	20140102	20140317	PM	PM	INSPECT AND LUBRICATE
			14.81577		30	P	20140102	19840301	PM	PM	INSPECT AND LUBRICATE
			14.81578		30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE

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Total Issued W/O's

Mike/Keith Locations:

WOCOMPMSAL

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Jan 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER	14.81579	30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81580	30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81581	25	P	20140102		PM	PM	INSPECT AND LUBRICATE.		
		14.81582	30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81583	30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81585	30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81586	30	P	20140102	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81713	25	P	20140203		PM	PM	INSPECT AND LUBRICATE.		
		14.81714	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81715	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81716	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81717	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81718	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81719	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81720	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81721	25	P	20140203		PM	PM	INSPECT AND LUBRICATE.		
		14.81722	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81723	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81725	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81726	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81727	30	P	20140203	20140319	PM	PM	LUBRICATION		
		14.81728	30	P	20140203	20140319	PM	PM	LUBRICATION		
		14.81729	30	P	20140203	20140319	PM	PM	LUBRICATION		
		14.81730	30	P	20140203	20140319	PM	PM	INSPECT AND LUBE		
		14.81731	30	P	20140203	20140319	PM	PM	INSPECTION		
		14.81732	30	P	20140203	20140319	PM	PM	INSPECTION		
		14.81733	30	P	20140203	20140319	PM	PM	INSPECTION		
		14.81760	25	P	20140203		PM	BLDG	EXTERMINATE LOCKER RM LOWER LEVEL.		
		14.81761	25	P	20140203		PM	BLDG	COMPUTER PAPER PICK-UP		
		14.81859	25	P	20140203		PM	INSPS	INSPECTION		
		14.81860	25	P	20140203		PM	INSPS	INSPECTION		
		14.81883	25	P	20140203		PM	HA	INSPECT & CLEAN FILTERS (MUSEUM)		
		14.81884	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE		
		14.81903	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE		
		14.81904	30	P	20140203	20140319	PM	PM	INSPECT AND LUBRICATE		
		14.81914	25	P	20140203		PM	MCHPS	INSPECTION		
		14.81915	25	P	20140203		PM	MCHPS	INSPECTION		
		14.81955	25	P	20140303		PM	PM	INSPECT AND LUBRICATE.		
		14.81956	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81957	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81958	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81959	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81960	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81961	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81962	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81963	25	P	20140303		PM	PM	INSPECT AND LUBRICATE.		
		14.81964	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81965	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER	14.81967	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81968	30	P	20140303	20140319	PM	PM	INSPECT AND LUBRICATE.		
		14.81969	30	P	20140303	20140319	PM	PM	CHANGE OIL AND FILTER.		
		14.81970	30	P	20140303	20140319	PM	PM	CHANGE OIL AND FILTER.		
		14.81981	25	P	20140303		PM	BLDG	EXTERMINATE LOCKER RM LOWER LEVEL		
		14.81982	25	P	20140303		PM	BLDG	COMPUTER PAPER PICK-UP		
		14.81983	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81984	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81985	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81986	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81987	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81988	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81989	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81990	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81991	30	P	20140303	20140402	PM	ELCPS	INSPECT AND LUBRICATE		
		14.81992	30	P	20140303	20140402	PM	ELCPS	INSPECT AND LUBRICATE		
		14.81993	30	P	20140303	20140402	PM	ELCPS	INSPECT AND LUBRICATE		
		14.81994	30	P	20140303	20140402	PM	ELCPS	INSPECT AND LUBRICATE		
		14.81995	30	P	20140303	20140402	PM	ELCPS	INSPECT AND LUBRICATE		
		14.81996	30	P	20140303	20140402	PM	ELCPS	INSPECT AND LUBRICATE		
		14.81997	30	P	20140303	20140404	PM	ELCPS	INSPECT AND LUBRICATE		
		14.81998	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.81999	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82000	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82001	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82002	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82003	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82004	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82004	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82005	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82005	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82006	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82006	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82007	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82007	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82008	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82008	25	P	20140303		PM	ELCPS	CLEAN AND INSPECT		
		14.82009	25	P	20140303		PM	ELCPS	INSPECT AND CLEAN		
		14.82010	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82011	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82012	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82013	25	P	20140303		PM	ELCPS	INSPECT AND LUBRICATE		
		14.82103	25	P	20140303		PM	HA	INSPECT VARIOUS UNITS		
		14.82104	25	P	20140303		PM	HA	INSPECT VARIOUS UNITS		
		14.82105	25	P	20140303		PM	HA	INSPECT VARIOUS UNITS		
		14.82106	25	P	20140303		PM	HA	INSPECTION		
		14.82115	25	P	20140303		PM	MCHES	INSPECTION		
		14.82123	25	P	20140303		PM	INSPS	INSPECT/CLEAN/CALIBRT		

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST EASTER	14.82124			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82125			25	P	20140303		PM	INSPS	INSPECT/CLEAN/CALIBRATE
		14.82126			25	P	20140303		PM	INSPS	INSPECT/CLEAN/CALIBRATE
		14.82127			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82128			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82129			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82130			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82131			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82132			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82133			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82134			25	P	20140303		PM	INSPS	INSPECTION
		14.82135			25	P	20140303		PM	INSPS	INSPECTION
		14.82136			25	P	20140303		PM	INSPS	CLEAN AND INSPECT
		14.82227			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82228			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82229			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82230			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82231			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82232			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82233			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82234			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82235			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82236			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82237			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82238			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82240			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82241			25	P	20140331		PM	PM	INSPECT AND LUBRICATE
		14.82242			25	P	20140331		PM	PM	CHANGE OIL AND FILTER
		14.82277			25	P	20140331		PM	BLDG	EXTERMINATE LOCKER RM LOWER LEVEL
		14.82278			25	P	20140331		PM	BLDG	COMPUTER PAPER PICK-UP
		14.82291			25	P	20140331		PM	ELCPS	CLEAN AND INSPECT
		14.82292			25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82293			25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82294			25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82295			25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82296			25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE OVER HEAD BRIDGE
		14.82362			25	P	20140331		PM	MCHPS	INSPECTION
		14.82365			25	P	20140331		PM	INSPS	INSPECTION
		14.82366			25	P	20140331		PM	INSPS	INSPECTION

Total W/O's for Location EASTER:
COUNT 245

JF	14.81289	30	P	20140102	20140304	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81290	30	P	20140102	20140304	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81291	30	P	20140102	20140306	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81292	30	P	20140102	20140306	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81293	30	P	20140102	20140306	PM	INSPS	CLEAN/INSPECT/CALIBRATE

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LDCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST JF	14.81294	14.81294		30	P	20140102	20140307	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81295	14.81295		30	P	20140102	20140304	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81296	14.81296		30	P	20140102	20140305	PM	INSPS	INSPECTION
		14.81297	14.81297		30	P	20140102	20140305	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81298	14.81298		30	P	20140102	20140305	PM	INSPS	INSPECTION
		14.81299	14.81299		30	P	20140102	20140303	PM	INSPS	INSPECT AND CALIBRATE
		14.81300	14.81300		30	P	20140102	20140303	PM	INSPS	INSPECT AND CALIBRATE
		14.81301	14.81301		30	P	20140102	20140303	PM	INSPS	INSPECT AND CALIBRATE
		14.81302	14.81302		30	P	20140102	20140305	PM	INSPS	CLEAN AND INSPECT
		14.81440	14.81440		30	P	20140102	20140326	PM	PM	INSPECTION
		14.81441	14.81441		30	P	20140102	20140326	PM	PM	CHANGE OIL (REDUCER)
		14.81442	14.81442		30	P	20140102	20140326	PM	PM	CHANGE OIL (REDUCER)
		14.81443	14.81443		30	P	20140102	20140326	PM	PM	CLEAN, LUBRICATE
		14.81444	14.81444		30	P	20140102	20140326	PM	PM	INSPECT AND LUBRICATE CRANE
		14.81445	14.81445		30	P	20140102	20140326	PM	PM	INSPECT AND LUBE CRANE
		14.81446	14.81446		25	P	20140102		PM	PM	INSPECTION
		14.81447	14.81447		30	P	20140102	20140326	PM	PM	INSPECTION
		14.81448	14.81448		30	P	20140102	20140326	PM	PM	INSPECTION
		14.81449	14.81449		30	P	20140102	20140326	PM	PM	INSPECTION
		14.81566	14.81566		25	P	20140102		PM	HA	INSPECTION
		14.81589	14.81589		25	P	20140102		PM	ELCPS	CLEAN & INSPECT
		14.81590	14.81590		30	P	20140102	20140110	PM	ELCPS	INSPECT AND LUBRICATE
		14.81591	14.81591		30	P	20140102	20140110	PM	ELCPS	INSPECT AND LUBRICATE
		14.81592	14.81592		30	P	20140102	20140110	PM	ELCPS	INSPECT AND LUBRICATE
		14.81593	14.81593		30	P	20140102	20140110	PM	ELCPS	INSPECT AND LUBRICATE
		14.81594	14.81594		30	P	20140102	20140110	PM	ELCPS	INSPECT AND LUBRICATE
		14.81595	14.81595		30	P	20140102	20140110	PM	ELCPS	INSPECT AND LUBRICATE
		14.81596	14.81596		30	P	20140102	20140110	PM	ELCPS	INSPECT AND LUBRICATE
		14.81597	14.81597		30	P	20140102	20140115	PM	ELCPS	INSPECT AND LUBRICATE
		14.81598	14.81598		30	P	20140102	20140115	PM	ELCPS	CHECK VARIOUS UNITS
		14.81599	14.81599		30	P	20140102	20140115	PM	ELCPS	INSPECT AND CLEAN
		14.81600	14.81600		30	P	20140102	20140115	PM	ELCPS	INSPECT AND CLEAN
		14.81601	14.81601		30	P	20140102	20140115	PM	ELCPS	INSPECT AND CLEAN
		14.81762	14.81762		30	P	20140203	20140228	PM	ELCPS	INSPECT AND LUBRICATE
		14.81763	14.81763		30	P	20140203	20140224	PM	ELCPS	INSPECT AND LUBRICATE
		14.81764	14.81764		30	P	20140203	20140224	PM	ELCPS	INSPECT AND LUBRICATE
		14.81765	14.81765		30	P	20140203	20140224	PM	ELCPS	INSPECT AND LUBRICATE
		14.81766	14.81766		30	P	20140203	20140224	PM	ELCPS	INSPECT AND LUBRICATE
		14.81767	14.81767		30	P	20140203	20140224	PM	ELCPS	INSPECT AND LUBRICATE
		14.81768	14.81768		30	P	20140203	20140228	PM	ELCPS	INSPECT AND LUBRICATE
		14.81769	14.81769		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE
		14.81770	14.81770		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE
		14.81771	14.81771		30	P	20140203	20140224	PM	ELCPS	INSPECT AND LUBRICATE
		14.81772	14.81772		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE
		14.81773	14.81773		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE
		14.81774	14.81774		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE
		14.81775	14.81775		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE
		14.81776	14.81776		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE

Jan. 01/14 - mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WD Sts	TYPE	WD Issue Date	WD Cmpl Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST JF	14.81777	14.81777		30	P	20140203	20140227	PM	ELCPS	INSPECT AND LUBRICATE
		14.81778			30	P	20140203	20140227	PM	ELCPS	CHECK VARIOUS UNITS
		14.81779			30	P	20140203	19740202	PM	ELCPS	CHECK VARIOUS UNITS
		14.81780			30	P	20140203	20140228	PM	ELCPS	CHECK VARIOUS UNITS
		14.81781			30	P	20140203	20140227	PM	ELCPS	CHECK VARIOUS UNITS
		14.81782			30	P	20140203	20140228	PM	ELCPS	CHECK VARIOUS UNITS
		14.81783			30	P	20140203	20140228	PM	ELCPS	CHECK VARIOUS UNITS
		14.81861			30	P	20140203	20140306	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.81916			30	P	20140203	20140313	PM	MCHPS	INSPECTION
		14.81917			30	P	20140203	20140312	PM	MCHPS	INSPECTION
		14.81918			30	P	20140203	20140311	PM	MCHPS	INSPECTION
		14.81971			30	P	20140303	20140326	PM	PM	LUBRICATION AND CHECKS
		14.82014			25	P	20140303	20140410	PM	ELCPS	INSPECT AND LUBRICATE
		14.82015			25	P	20140303	20140410	PM	ELCPS	INSPECT AND LUBRICATE
		14.82016			25	P	20140303	20140410	PM	ELCPS	INSPECT AND LUBRICATE
		14.82017			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION AND LUBRICATION
		14.82018			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION AND LUBRICATION
		14.82019			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION AND LUBRICATION
		14.82020			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION AND LUBRICATION
		14.82021			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION
		14.82022			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION
		14.82023			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION
		14.82024			25	P	20140303	20140414	PM	ELCPS	ANNUAL INSPECTION
		14.82025			25	P	20140303		PM	ELCPS	ANNUAL INSPECTION
		14.82026			25	P	20140303	20140414	PM	ELCPS	ANNUAL INSPECTION
		14.82027			25	P	20140303	20140414	PM	ELCPS	ANNUAL INSPECTION
		14.82028			25	P	20140303		PM	ELCPS	INSPECT AND CLEAN
		14.82029			25	P	20140303		PM	ELCPS	INSPECT AND CLEAN
		14.82030			25	P	20140303		PM	ELCPS	INSPECT AND CLEAN
		14.82031			25	P	20140303		PM	ELCPS	CLEAN & INSPECT
		14.82032			25	P	20140303		PM	ELCPS	CLEAN & INSPECT
		14.82033			25	P	20140303		PM	ELCPS	CLEAN & INSPECT
		14.82034			25	P	20140303		PM	ELCPS	CLEAN & INSPECT
		14.82035			25	P	20140303		PM	ELCPS	CLEAN & INSPECT
		14.82036			25	P	20140303		PM	ELCPS	CLEAN & INSPECT
		14.82037			25	P	20140303		PM	ELCPS	CLEAN & INSPECT
		14.82038			25	P	20140303	20140414	PM	ELCPS	CLEAN & INSPECT
		14.82039			25	P	20140303	20140410	PM	ELCPS	CLEAN & INSPECT
		14.82107			30	P	20140303	20140312	PM	HA	INSPECTION
		14.82108			30	P	20140303	20140312	PM	HA	INSPECT V-BELT
		14.82118			30	P	20140303	20140314	PM	MCHPS	INSPECTION
		14.82119			30	P	20140303	20140311	PM	MCHPS	INSPECTION
		14.82137			25	P	20140303		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82243			25	P	20140331		PM	PM	INSPECTION
		14.82297			25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82299			25	P	20140331		PM	ELCPS	CHECK VARIOUS UNITS
		14.82300			25	P	20140331		PM	ELCPS	CHECK VARIOUS UNITS
		14.82301			25	P	20140331		PM	ELCPS	ANNUAL INSPECTION AND LUBRICATION

Jan. 01/14 - Mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmplt Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST JF	14.82302	14.82302		25	P	20140331		PM	ELCPS	ANNUAL INSPECTION AND LUBRICATION
		14.82303	14.82303		25	P	20140331		PM	ELCPS	ANNUAL INSPECTION
		14.82304	14.82304		25	P	20140331		PM	ELCPS	ANNUAL INSPECTION
		14.82305	14.82305		25	P	20140331		PM	ELEC	INSPECT AND CLEAN
		14.82306	14.82306		25	P	20140331		PM	ELEC	INSPECT AND CLEAN
		14.82307	14.82307		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82308	14.82308		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82309	14.82309		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82310	14.82310		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82311	14.82311		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82312	14.82312		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82313	14.82313		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82314	14.82314		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82315	14.82315		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82316	14.82316		25	P	20140331		PM	ELCPS	CLEAN & INSPECT
		14.82367	14.82367		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82368	14.82368		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82369	14.82369		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82370	14.82370		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82371	14.82371		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82372	14.82372		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82373	14.82373		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82374	14.82374		25	P	20140331		PM	INSPS	INSPECTION
		14.82375	14.82375		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82376	14.82376		25	P	20140331		PM	INSPS	INSPECTION
		14.82377	14.82377		25	P	20140331		PM	INSPS	CLEAN AND INSPECT

Total W/O's for Location JF:
COUNT 127

LOCPO	14.81353	30	P	20140102	20140206	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81354	30	P	20140102	20140207	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81355	30	P	20140102	20140207	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81356	30	P	20140102	20140206	PM	INSPS	INSPECTION
	14.81357	30	P	20140102	20140207	PM	INSPS	INSPECTION
	14.81358	30	P	20140102	20140206	PM	INSPS	INSPECT AND CLEAN
	14.81557	25	P	20140102		PM	PM	OIL CHANGE AND LUBRICATION
	14.81656	30	P	20140102	20140113	PM	ELCPS	CHECK BATTERIES & LIGHT
	14.81656	30	P	20140102	20140113	PM	ELEC	CHECK BATTERIES & LIGHT
	14.81657	30	P	20140102	20140113	PM	ELCPS	INSPECT AND LUBRICATE
	14.81658	30	P	20140102	20140113	PM	ELCPS	INSPECT AND LUBRICATE
	14.81660	30	P	20140102	20140113	PM	ELCPS	CLEAN AND LUBRICATE
	14.81661	30	P	20140102	20140113	PM	ELCPS	INSPECT AND LUBRICATE
	14.81662	30	P	20140102	20140113	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
	14.81663	30	P	20140102	20140113	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
	14.81664	30	P	20140102	20140113	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
	14.81922	30	P	20140203	20140319	PM	MCHPS	INSPECTION
	14.81980	25	P	20140303		PM	PM	FLUSH COOLING SYSTEM & CHANGE OIL

Co No	Cost Center	Cost Loc	Parent WO	WD Suf	WD Sts	TYPE	WD Issue Date	WD Cmplt Date	Wrk Typ	Craft Code	Short problem Description
11	PUMPING ST LOCPO	14.82094	14.82094		30	P	20140303	20140313	PM	ELCPS	CLEAN AND LUBRICATE
		14.82095	14.82095		30	P	20140303	20140313	PM	ELCPS	CLEAN AND INSPECT
		14.82096	14.82096		30	P	20140303	20140313	PM	ELCPS	INSPECTION
		14.82097	14.82097		30	P	20140303	20140313	PM	ELCPS	CHECK OPERATION/INSPECTION
		14.82098	14.82098		30	P	20140303	20140313	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
		14.82099	14.82099		30	P	20140303	20140313	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
		14.82100	14.82100		30	P	20140303	20140313	PM	ELCPS	CHECK OPERATING CONDITIONS, BATTERY CHE
		14.82178	14.82178		30	P	20140303	20140325	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82179	14.82179		30	P	20140303	20140327	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82180	14.82180		30	P	20140303	20140324	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		14.82181	14.82181		30	P	20140303	20140325	PM	INSPS	INSPECTION
		14.82182	14.82182		30	P	20140303	20140324	PM	INSPS	INSPECTION
		14.82183	14.82183		30	P	20140303	20140327	PM	INSPS	INSPECT AND CLEAN
		14.82275	14.82275		25	P	20140331		PM	PM	CHANGE OIL AND FILTER
		14.82357	14.82357		25	P	20140331	20140416	PM	ELCPS	INSPECTION
Total W/O's for Location LOCPO:											
COUNT 33											
MCST											
		14.81547	14.81547		25	P	20140102		PM	PM	INSPECT AND LUBRICATE
		14.81548	14.81548		25	P	20140102		PM	PM	INSPECT AND LUBRICATE
		14.81549	14.81549		25	P	20140102		PM	PM	CLEAN FILTER, INSPECTION
		14.81550	14.81550		25	P	20140102		PM	PM	CLEAN FILTER, INSPECTION
		14.81551	14.81551		25	P	20140102		PM	PM	CHECK AND LUBE
		14.81552	14.81552		25	P	20140102		PM	PM	CHECK AND LUBE
		14.81553	14.81553		25	P	20140102		PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
		14.81554	14.81554		25	P	20140102		PM	PM	INSPECTION
		14.81555	14.81555		25	P	20140102		PM	PM	CHECK OPERATION
		14.81556	14.81556		25	P	20140102		PM	PM	CHECK OPERATION
		14.81649	14.81649		30	P	20140102	20140106	PM	ELCPS	INSPECT AND LUBRICATE
		14.81650	14.81650		30	P	20140102	20140106	PM	ELCPS	INSPECTION
		14.81651	14.81651		30	P	20140102	20140106	PM	ELCPS	INSPECTION
		14.81652	14.81652		30	P	20140102	20140106	PM	ELCPS	INSPECT, CLEAN AND LUBRICATE
		14.81653	14.81653		30	P	20140102	20140106	PM	ELCPS	INSPECTION
		14.81654	14.81654		30	P	20140102	20140106	PM	ELCPS	CLEAN AND INSPECT
		14.81655	14.81655		30	P	20140102	20140106	PM	ELCPS	CHECK OPERATING CONDITION, BATTERY CHEC
		14.81838	14.81838		25	P	20140203		PM	ELCPS	INSPECT AND LUBRICATE
		14.81839	14.81839		25	P	20140203		PM	ELCPS	INSPECT AND LUBRICATE
		14.81840	14.81840		25	P	20140203		PM	ELCPS	INSPECT AND LUBRICATE
		14.81841	14.81841		25	P	20140203		PM	ELCPS	INSPECT, CLEAN AND LUBRICATE
		14.81842	14.81842		25	P	20140203		PM	ELCPS	INSPECTION
		14.81843	14.81843		25	P	20140203		PM	ELCPS	CHECK OPERATION/INSPECTION
		14.81844	14.81844		25	P	20140203		PM	ELCPS	CLEAN AND INSPECT
		14.81845	14.81845		25	P	20140203		PM	ELCPS	CLEAN AND INSPECT
		14.81846	14.81846		25	P	20140203		PM	ELCPS	INSPECT AND LUBRICATE
		14.82113	14.82113		25	P	20140303		PM	HA	INSPECTION
		14.82122	14.82122		30	P	20140303	20140312	PM	MCHPS	INSPECTION
		14.82172	14.82172		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WD Issue Date	WD Cmplt Date	Wrk Typ	Craft Code	Short problem Description	
11	PUMPING ST MCST		14.82173		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE	
			14.82174		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE	
			14.82175		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE	
			14.82176		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE	
			14.82177		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE	
Total W/O's for Location MCST:												
COUNT 34												
QUAD			14.81303		30	P	20140102	20140121	PM	INSPS	CLEAN AND INSPECT	
			14.81304		30	P	20140102	20140123	PM	INSPS	CLEAN/INSPECT/CALIBRATE RECORDER	
			14.81305		25	P	20140102		PM	INSPS	INSPECT AND CALIBRATE	
			14.81306		25	P	20140102		PM	INSPS	INSPECT AND CALIBRATE	
			14.81307		25	P	20140102		PM	INSPS	INSPECT AND CALIBRATE	
			14.81308		25	P	20140102		PM	INSPS	INSPECTION	
			14.81450		30	P	20140102	20140401	PM	PM	TEST AND LUBRICATE	
			14.81451		30	P	20140102	20140401	PM	PM	TEST AND LUBRICATE	
			14.81452		30	P	20140102	20140401	PM	PM	TEST AND LUBRICATE	
			14.81453		30	P	20140102	20140401	PM	PM	TEST AND LUBRICATE	
			14.81454		30	P	20140102	20140401	PM	PM	TEST AND LUBRICATE	
			14.81455		30	P	20140102	20140401	PM	PM	TEST AND LUBRICATE	
			14.81456		30	P	20140102	20140401	PM	PM	INSPECT, LUBRICATE, EXERCISE	
			14.81457		30	P	20140102	20140401	PM	PM	INSPECT, LUBRICATE, EXERCISE	
			14.81458		30	P	20140102	20140401	PM	PM	INSPECT, LUBRICATE, EXERCISE	
			14.81459		30	P	20140102	20140401	PM	PM	CHANGE OIL	
			14.81459		30	P	20140102	20140401	PM	PM	CHANGE OIL	
			14.81460		30	P	20140102	20140401	PM	PM	CLEAN STRAINER, INSPECT	
			14.81461		30	P	20140102	20140401	PM	PM	INSPECT, LUBRICATE CABLES, OIL CHECK	
			14.81567		25	P	20140102		PM	HA	INSPECTION	
			14.81602		30	P	20140102	20140124	PM	ELCPS	CLEAN AND INSPECT	
			14.81603		30	P	20140102	20140214	PM	ELCPS	CLEAN & INSPECT	
			14.81604		30	P	20140102	20140124	PM	ELCPS	CHECK OPERATING CONDITION, BATTERY	
			14.81605		30	P	20140102	20140124	PM	ELCPS	CLEAN, INSPECT CONNECTIONS	
			14.81606		30	P	20140102	20140124	PM	ELCPS	CLEAN, INSPECT CONNECTIONS	
			14.81607		30	P	20140102	20140124	PM	ELCPS	CLEAN, INSPECT CONNECTIONS	
			14.81734		25	P	20140203		PM	PM	CHANGE OIL AND FILTER	
			14.81735		30	P	20140203	20140401	PM	PM	GEAR BOX OIL CHANGE, ANNUAL INSPECTION	
			14.81784		30	P	20140203	20140327	PM	ELCPS	INSPECT AND LUBRICATE	
			14.81785		30	P	20140203	20140327	PM	ELCPS	INSPECT AND LUBRICATE	
			14.81786		30	P	20140203	20140327	PM	ELCPS	CHECK OPERATION/INSPECTION	
			14.81787		30	P	20140203	20140327	PM	ELCPS	INSPECT AND LUBRICATE	
			14.81862		30	P	20140203	20140325	PM	INSPS	CLEAN/INSPECT/CALIBRATE	
			14.81863		25	P	20140203		PM	INSPS	INSPECT AND CALIBRATE	
			14.81864		25	P	20140203		PM	INSPS	INSPECT AND CALIBRATE	
			14.81865		25	P	20140203		PM	INSPS	INSPECT AND CALIBRATE	
			14.81866		25	P	20140203		PM	INSPS	INSPECTION	
			14.81919		30	P	20140203	20140310	PM	MCHPS	INSPECTION	
			14.81972		30	P	20140303	20140401	PM	PM	INSPECT AND LUBRICATE	

04/24/14 12:17:37

Total Issued

W/O's

Mike/Kaith Locations:

WOCOMPMSAL

PAGE 19

Jan. 01/14 - Mar. 31/14 **BRKLYN DUNDAL EASTER JF** as of 12:17:37
PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co No	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wk Typ	Craft Code	Short problem Description
11	PUMPING ST QUAD	14.81973		30	P	20140303	20140401	PM	PM	INSPECT, CLEAN FILTER, CHECK OIL
		14.81974		30	P	20140303	20140401	PM	PM	LUBRICATE PUMP
		14.82040		30	P	20140303	20140327	PM	ELCPS	INSPECT AND LUBRICATE
		14.82041		25	P	20140303		PM	ELCPS	CHECK OPERATING CONDITION, BATTERY
		14.82109		25	P	20140303		PM	HA	CHECK FILIER, FREON, LUBRICATE BEARINGS
		14.82138		30	P	20140303	20140328	PM	INSPS	CLEAN AND INSPECT
		14.82139		30	P	20140303	20140326	PM	INSPS	CLEAN/INSPECT/CALIBRATE RECORDER
		14.82140		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE
		14.82141		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE
		14.82142		25	P	20140303		PM	INSPS	INSPECT AND CALIBRATE
		14.82143		25	P	20140303		PM	INSPS	INSPECTION
		14.82244		25	P	20140331		PM	PM	TEST AND LUBRICATE
		14.82245		25	P	20140331		PM	PM	TEST AND LUBRICATE
		14.82246		25	P	20140331		PM	PM	INSPECT, LUBRICATE, EXERCISE
		14.82247		25	P	20140331		PM	PM	INSPECT, LUBRICATE, EXERCISE
		14.82248		25	P	20140331		PM	PM	INSPECT, LUBRICATE, EXERCISE
		14.82249		25	P	20140331		PM	PM	INSPECT, LUBRICATE, EXERCISE
		14.82250		25	P	20140331		PM	PM	INSPECT, LUBRICATE, EXERCISE
		14.82251		25	P	20140331		PM	PM	LUBRICATE BEARINGS, GEAR BOX, OIL CHECK
		14.82317		25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82318		25	P	20140331		PM	ELCPS	INSPECT AND LUBRICATE
		14.82378		25	P	20140331		PM	INSPS	INSPECT AND CALIBRATE
		14.82379		25	P	20140331		PM	INSPS	INSPECT AND CALIBRATE
		14.82380		25	P	20140331		PM	INSPS	INSPECT AND CALIBRATE
		14.82381		25	P	20140331		PM	INSPS	INSPECTION

Total W/O's for Location QUAD:
COUNT 64

PT	14.81346	30	P	20140102	20140306	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81347	30	P	20140102	20140304	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81348	30	P	20140102	20140304	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81349	30	P	20140102	20140305	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	14.81350	30	P	20140102	20140307	PM	INSPS	INSPECT AND CALIBRATE
	14.81351	25	P	20140102		PM	INSPS	INSPECTION
	14.81352	30	P	20140102	20140305	PM	INSPS	INSPECTION
	14.81540	25	P	20140102		PM	PM	INSPECTION
	14.81541	25	P	20140102		PM	PM	LUBRICATE, OIL CHANGE
	14.81542	25	P	20140102		PM	PM	CLEAN, LUBRICATE
	14.81543	25	P	20140102		PM	PM	CLEAN, LUBRICATE
	14.81544	25	P	20140102		PM	PM	CLEAN, LUBRICATE
	14.81545	25	P	20140102		PM	PM	CLEAN, LUBRICATE
	14.81546	25	P	20140102		PM	PM	CLEAN, LUBRICATE
	14.81644	30	P	20140102	20140103	PM	ELCPS	INSPECTION
	14.81645	30	P	20140102	20140108	PM	ELCPS	INSPECT AND LUBRICATE
	14.81646	30	P	20140102	20140108	PM	ELCPS	INSPECT AND LUBRICATE
	14.81647	30	P	20140102	19841010	PM	ELCPS	INSPECTION
	14.81648	30	P	20140102	20140108	PM	ELCPS	INSPECT AND LUBRICATE

Co No	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmpl Date	Wtk Typ	Craft Code	Short problem Description
1	PUMPING ST	WSTPT	14.81742		25	P	20140203		PM	PM	CHECK VARIOUS COMPONENTS
			14.81743		25	P	20140203		PM	PM	CHECK VARIOUS COMPONENTS
			14.81744		25	P	20140203		PM	PM	CHECK VARIOUS COMPONENTS
			14.81745		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81746		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81747		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81748		25	P	20140203		PM	PM	LUBRICATION
			14.81749		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81750		25	P	20140203		PM	PM	CHECK VARIOUS UNITS
			14.81751		25	P	20140203		PM	PM	CHECK VARIOUS COMPONENTS AND LUBRICATE
			14.81752		25	P	20140203		PM	PM	INSPECT NORMAL OPERATION
			14.81753		25	P	20140203		PM	PM	INSPECT NORMAL OPERATION
			14.81754		25	P	20140203		PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
			14.81755		25	P	20140203		PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
			14.81756		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81757		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81758		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81759		25	P	20140203		PM	PM	INSPECT AND LUBRICATE
			14.81831		30	P	20140203	20140219	PM	ELCPS	INSPECT AND LUBRICATE
			14.81832		30	P	20140203	20140219	PM	ELCPS	INSPECT AND LUBRICATE
			14.81833		30	P	20140203	20140219	PM	ELCPS	INSPECT AND LUBRICATE
			14.81834		30	P	20140203	20140219	PM	ELCPS	INSPECT AND LUBRICATE
			14.81835		30	P	20140203	20140219	PM	ELCPS	INSPECTION
			14.81836		30	P	20140203	20140219	PM	ELCPS	INSPECTION
			14.81837		30	P	20140203	20140219	PM	ELCPS	INSPECTION
			14.81881		25	P	20140203		PM	INSPS	INSPECTION
			14.81978		25	P	20140303		PM	PM	CHANGE OIL (REDUCER)
			14.81979		25	P	20140303		PM	PM	LUBRICATE, OIL CHANGE
			14.82083		30	P	20140303	20140317	PM	ELCPS	INSPECT AND LUBRICATE
			14.82084		30	P	20140303	20140317	PM	ELCPS	INSPECT AND LUBRICATE
			14.82085		30	P	20140303	20140317	PM	ELCPS	INSPECT AND LUBRICATE
			14.82086		30	P	20140303	20140319	PM	ELCPS	INSPECT AND LUBRICATE
			14.82087		30	P	20140303	20140317	PM	ELCPS	INSPECT AND LUBRICATE
			14.82088		30	P	20140303	20140317	PM	ELCPS	CHECK OPERATION/INSPECTION
			14.82089		30	P	20140303	20140317	PM	ELCPS	INSPECT AND LUBRICATE
			14.82090		30	P	20140303	20140320	PM	ELCPS	INSPECT AND LUBRICATE
			14.82121		30	P	20140303	20140312	PM	MCHPS	INSPECTION
			14.82171		25	P	20140303		PM	INSPS	INSPECTION
			14.82346		30	P	20140331	20140403	PM	ELCPS	INSPECT AND LUBRICATE
			14.82347		30	P	20140331	20140403	PM	ELCPS	INSPECT AND LUBRICATE
			14.82398		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.82399		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.82400		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.82401		25	P	20140331		PM	INSPS	CLEAN/INSPECT/CALIBRATE
			14.82402		25	P	20140331		PM	INSPS	INSPECT AND CALIBRATE
			14.82403		25	P	20140331		PM	INSPS	INSPECTION
			14.82404		25	P	20140331		PM	INSPS	INSPECTION

Jan. 01/14 - Mar. 31/14

BRKLYN DUNDAL EASTER JF as of 12:17:37

PUMPING STATIONS - PM only **LOCPO MCST QUAD WSTPT ** on 04/24/14

Co	Cost	Cost	Parent	WO	Suf	WO	Sts	TYPE	WO	Issue	WO	Complt	Wrk	Craft	Short
No	Center	Loc	WO							Date		Date	Typ	Code	Problem
															Description

FINAL TOTALS

COUNT 931

* * * E N D O F R E P O R T * * *

Completed/Issued W/O Report
*CORRECTIVES & MODS# jan 1, 2014 - --> Brooklyn Dundalk Eastern Ave
Pumping Stations mar. 31, 2014 --> Jones Falls Locust Pt. McComas St.
--> Quad Avenue Westport

QUERY NAME WOCOMPSSAL
LIBRARY NAME MONTHLYRUN

FILE	LIBRARY	MEMBER	FORMAT
WSMS100	MMSB10F	WSMS100	WSMS100R
EQMST	MMSB10F	EEQMST	EQMSTR
WSMS131	MMSB10F	WSMS131	WSMS131R
DCCTL	MMSB10F	DCCTL	DCCTLR
ETEXTS	MMSB10F	ETEXTS	TEXTSR

DATE 04/24/14
TIME 12:18:35

Compltd/Issued Rpt.-Pumping Stations only(D)

CM's & MOD's Pumping Station

[illegible]

CM's & MOD's Locations: BRKLYN DUNDAL EASTER as of 04/24/14
Pumping Station JF LOCPO MCST QUAD WSTPT

[illegible]

CM's & MOD's										Locations										as of 04/24/14									
Pumping Station										JF LOCPO MCST QUAD WSTPT																			
WD										Full Problem																			
Craft										Machine										Machine									
W/O										Issue										Class									
Cmplt										Number										Number									
Loc										Description										Code									
By										Date										Date									
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04/24/14	12:19:04	Completed/Issued	W/D	Report for	Jan. 1, 14 - Mar. 31, '14	EQUIPWOCO
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
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260	261	262	263	264	265	266
267	268	269	270	271	272	273
274	275	276	277	278	279	280
281	282	283	284	285	286	287
288	289	290	291	292	293	294
295	296	297	298	299	300	301
302	303	304	305	306	307	308
309	310	311	312	313	314	315
316	317	318	319	320	321	322
323	324	325	326	327	328	329
330	331	332	333	334	335	336
337	338	339	340	341	342	343
344	345	346	347	348	349	350
351	352	353	354	355	356	357
358	359	360	361	362	363	364
365	366	367	368	369	370	371
372	373	374	375	376	377	378
379	380	381	382	383	384	385
386	387	388	389	390	391	392
393	394	395	396	397	398	399
400	401	402	403	404	405	406
407	408	409	410	411	412	413
414	415	416	417	418	419	420
421	422	423	424	425	426	427
428	429	430	431	432	433	434
435	436	437	438	439	440	441
442	443	444	445	446	447	448
449	450	451	452	453	454	455
456	457	458	459	460	461	462
463	464	465	466	467	468	469
470	471	472	473	474	475	476
477	478	479	480	481	482	483
484	485	486	487	488	489	490
491	492	493	494	495	496	497
498	499	500	501	502	503	504
505	506	507	508	509	510	511
512	513	514	515	516	517	518
519	520	521	522	523	524	525
526	527	528	529	530	531	532
533	534	535	536	537	538	539
540	541	542	543	544	545	546
547	548	549	550	551	552	553
554	555	556	557	558	559	560
561	562	563	564	565	566	567
568	569	570	571	572	573	574
575	576	577	578	579	580	581
582	583	584	585	586	587	588
589	590	591	592	593	594	595
596	597	598	599	600	601	602
603	604	605	606	607	608	609
610	611	612	613	614	615	616
617	618	619	620	621	622	623
624	625	626	627	628	629	630
631	632	633	634	635	636	637
638	639	640	641	642	643	644
645	646	647	648	649	650	651
652	653	654	655	656	657	658
659	660	661	662	663	664	665
666	667	668	669	670	671	672
673	674	675	676	677	678	679
680	681	682	683	684	685	686
687	688	689	690	691	692	693
694	695	696	697	698	699	700
701	702	703	704	705	706	707
708	709	710	711	712	713	714
715	716	717	718	719	720	721
722	723	724	725	726	727	728
729	730	731	732	733	734	735
736	737	738	739	740	741	742
743	744	745	746	747	748	749
750	751	752	753	754	755	756
757	758	759	760	761	762	763
764	765	766	767	768	769	770
771	772	773	774	775	776	777
778	779	780	781	782	783	784
785	786	787	788	789	790	791
792	793	794	795	796	797	798
799	800	801	802	803	804	805
806	807	808	809	810	811	812
813	814	815	816	817	818	819
820	821	822	823	824	825	826
827	828	829	830	831	832	833
834	835	836	837	838	839	840
841	842	843	844	845	846	847
848	849	850	851	852	853	854
855	856	857	858	859	860	861
862	863	864	865	866	867	868
869	870	871	872	873	874	875
876	877	878	879	880	881	882
883	884	885	886	887	888	889
890	891	892	893	894	895	896
897	898	899	900	901	902	903
904	905	906	907	908	909	910
911	912	913	914	915	916	917
918	919	920	921	922	923	924
925	926	927	928	929	930	931
932	933	934	935	936	937	938
939	940	941	942	943	944	945
946	947	948	949	950	951	952
953	954	955	956	957	958	959
960	961	962	963	964	965	966
967	968	969	970	971	972	973
974	975	976	977	978	979	980
981	982	983	984	985	986	987
988	989	990	991	992	993	994
995	996	997	998	999	1000	1001
1002	1003	1004	1005	1006	1007	1008
1009	1010	1011	1012	1013	1014	1015
1016	1017	1018	1019	1020	1021	1022
1023	1024	1025	1026	1027	1028	1029
1030	1031	1032	1033	1034	1035	1036
1037	1038	1039	1040	1041	1042	1043
1044	1045	1046	1047	1048	1049	1050
1051	1052	1053	1054	1055	1056	1057
1058	1059	1060	1061	1062	1063	1064
1065	1066	1067	1068	1069	1070	1071
1072	1073	1074	1075	1076	1077	1078
1079	1080	1081	1082	1083	1084	1085
1086	1087	1088	1089	1090	1091	1092
1093	1094	1095	1096	1097	1098	1099
1100	1101	1102	1103	1104	1105	1106
1107	1108	1109	1110	1111	1112	1113
1114	1115	1116	1117	1118	1119	1120
1121	1122	1123	1124	1125	1126	1127
1128	1129	1130	1131	1132	1133	1134
1135	1136	1137	1138	1139	1140	1141
1142	1143	1144	1145	1146	1147	1148
1149	1150	1151	1152	1153	1154	1155
1156	1157	1158	1159	1160	1161	1162
1163	1164	1165	1166	1167	1168	1169
1170	1171	1172	1173	1174	1175	1176
1177	1178	1179	1180	1181	1182	1183
1184	1185	1186	1187	1188	1189	1190
1191	1192	1193	1194	1195	1196	1197
1198	1199	1200	1201	1202	1203	1204
1205	1206	1207	1208	1209	1210	1211
1212	1213	1214	1215	1216	1217	1218
1219	1220	1221	1222	1223	1224	1225
1226	1227	1228	1229	1230	1231	1232
1233	1234	1235	1236	1237	1238	1239
1240	1241	1242	1243	1244	1245	1246
1247	1248	1249	1250	1251	1252	1253
1254	1255	1256	1257	1258	1259	1260
1261	1262	1263	1264	1265	1266	1267
1268	1269	1270	1271	1272	1273	1274
1275	1276	1277	1278	1279	1280	1281
1282	1283	1284	1285	1286	1287	1288
1289	1290	1291	1292	1293	1294	1295
1296	1297	1298	1299	1300	1301	1302
1303	1304	1305	1306	1307	1308	1309
1310	1311	1312	1313	1314	1315	1316
1317	1318	1319	1320	1321	1322	1323
1324	1325	1326	1327	1328	1329	1330
1331	1332	1333	1334	1335	1336	1337
1338	1339	1340	1341	1342	1343	1344
1345	1346	1347	1348	1349	1350	1351
1352	1353	1354	1355	1356	1357	1358
1359	1360	1361	1362	1363	1364	1365
1366	1367	1368	1369	1370	1371	1372
1373	1374	1375	1376	1377	1378	1379
1380	1381	1382	1383	1384	1385	1386
1387	1388	1389	1390	1391	1392	1393
1394	1395	1396	1397	1398		

APPENDIX 5

SUMMARY OF REPORTED OVERFLOWS

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending March 31, 2014

SSO No. 67

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
12/29/2013	Flow Meter in Place	1.00
1/11/2014	Flow Meter in Place	0.68
2/3/2014	Flow Meter in Place	1.34
2/5/2014	Flow Meter in Place	0.99

SSO No. 72

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
12/14/2013	Flow Meter in Place	0.76
12/15/2013	Flow Meter in Place	0.00
12/23/2013	Flow Meter in Place	0.88
12/29/2013	Flow Meter in Place	1.00
1/11/2014	Flow Meter in Place	0.68
2/3/2014	Flow Meter in Place	1.34
2/5/2014	Flow Meter in Place	0.99
2/21/2014	Flow Meter in Place	0.21

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending March 31, 2014

SSO No. 132

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

SSO No. 134

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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Flow monitor removed due to sewer line reconstruction.

SSO No. 135

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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Flow monitor removed due to sewer line reconstruction.

SSO No. 137

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
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12/14/2013	Flow Meter in Place	0.84
12/15/2013	Flow Meter in Place	0.01
12/29/2013	Flow Meter in Place	0.95
1/11/2014	Flow Meter in Place	0.66
2/3/2014	Flow Meter in Place	1.27

City of Baltimore
Activity at Sanitary Sewer Overflow Structures
For Calendar Quarter Ending March 31, 2014

SSO No. 138

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

SSO No. 139

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

Pumping Station Overflows

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

Waste Water Treatment Plant Overflows

<u>WWTP</u>	<u>Date</u>	<u>Volume Loss (gal)</u>	<u>Rainfall (in)</u>
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Backriver	3/26/2014	975,000	NA
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City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending March 31, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
1/1/2014	3330	Roots, Vandalism	0.00	Patapsco	2400 Cross Country Blvd	21209
1/1/2014	Evidence of Overflow	Rags, Grease	0.00	N/A	2600 Huron St	21230
1/1/2014	490	Rags, Roots	0.00	Patapsco	4333 Eldone Rd	21229
1/2/2014	Evidence of Overflow	Rags, Grease	0.00	N/A	126 N Clinton St	21224
1/2/2014	Evidence of Overflow	N/A	0.00	N/A	410 Hollen Rd	21212
1/3/2014	388	Grease	0.00	Herring Run	4419 Mannasota Ave	21206
1/6/2014	195	Rags, Grease, Debris	0.22	Patapsco	Greenspring Ave & W Coldspring Ln	21209
1/6/2014	45	Rags, Grease	0.22	Jones Falls	428 E Preston St	21202
1/6/2014	6795	Rags, Roots, Debris	0.22	Jones Falls	500 University Pkwy	21210
1/6/2014	7020	Rags, Roots, Grease, Infiltration	0.22	Patapsco	2815 Maudlin Ave	21230
1/6/2014	Evidence of Overflow	Rags	0.22	N/A	4209 Willshire Ave	21206
1/8/2014	Evidence of Overflow	Rags	0.00	N/A	914 N Monroe St	21217
1/8/2014	90	Rags, Grease	0.00	Patapsco	107 N Rock Glen Rd	21229
1/9/2014	Evidence of Overflow	Rags	0.00	Patapsco	1806 N Longwood St	21216
1/9/2014	Evidence of Overflow	Rags	0.00	N/A	3643 Woodland Ave	21215
1/9/2014	Evidence of Overflow	Rags	0.00	N/A	1622 McCulloh St	21217
1/9/2014	984	Pipe Break	0.00	Gwynns Falls	2309 Allendale Rd	21216
1/10/2014	300	Roots	0.45	N/A	721 Eastern Ave	21202
1/11/2014	2100	Rags	0.73	Patapsco	2317 Tucker Ln	21207
1/11/2014	270	Roots	0.73	Patapsco	3304 Ellerslie Ave	21218
1/12/2014	1305	Rags, Grease, Debris	0.00	Patapsco	1400 Aisquith St	21202
1/13/2014	186	Rags	0.00	Patapsco	517 N Carrollton Ave	21223
1/13/2014	Evidence of Overflow	Roots	0.00	Patapsco	5803 Stuart Ave	21215
1/14/2014	207	Rags	0.27	Patapsco	2300 Lipps Ln	21223
1/14/2014	9075	Rags, Roots, Grease	0.27	Patapsco	911 Desoto Rd	21229
1/14/2014	246	Rags, Grease, Debris	0.27	Back River	536 E 26th St	21218
1/14/2014	2172	Grease, Sand, Gravel, Rocks, Debris	0.27	Patapsco	5267 Cordelia Ave	21215
1/15/2014	990	Roots, Sand Gravel, Rocks	0.01	Patapsco	2401 Cross Country Blvd	21209
1/16/2014	36	Rags, Grease	0.00	Patapsco	2435 Washington Blvd	21230
1/16/2014	500	Roots	0.00	Dundalk	Joplin St & O'Donnell St	21224
1/16/2014	15000	Pipe break	0.00	Herring Run	Brehms Ln & Kenyon Ave	21213



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending March 31, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
1/16/2014	1500	Roots	0.00	Low Level	841 E Fort Ave	21230
1/17/2014	Evidence of Overflow	Rags, Grease	0.00	N/A	3000 Normount Ave	21216
1/18/2014	1620	Rags, Grease	0.00	Patapsco	6500 O'Donnell St	21224
1/18/2014	Evidence of Overflow	N/A	0.00	N/A	3626 Greenmount Ave	21218
1/20/2014	134	Rags, Grease	0.00	Jones Falls	Greenspring Ave & Dupont Ave	21209
1/20/2014	128	Rags, Debris	0.00	Jones Falls	400 Heaver St	21218
1/20/2014	45	Debris	0.00	Low Level	141 N Highland Ave	21224
1/23/2014	Evidence of Overflow	Rags	0.03	N/A	3626 Greenmount Ave	21218
1/25/2014	30	Rags, Roots	0.00	Jones Falls	701 E 33rd St	21218
1/27/2014	Evidence of Overflow	N/A	0.00	N/A	600 Markham Rd	21229
1/28/2014	270	Rags, Grease	0.00	Back River	6541 Eastern Ave	21224
1/29/2014	90	Grease	0.00	Patapsco	3100 Sun St	21226
1/29/2014	Evidence of Overflow	Rags, Roots	0.00	N/A	6105 Maywood Ave	21209
1/31/2014	Evidence of Overflow	Debris	0.00	N/A	1707 Ashburton St	21216

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending March 31, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
2/3/2014	1350	Rags, Roots, Grease	1.29	Patapsco	107 N Rock Glen Rd	21229
2/3/2014	Evidence of Overflow	Rags, Roots, Grease	1.29	Patapsco	520 N Carrollton Ave	21223
2/3/2014	910	Rags, Roots, Grease	1.29	Patapsco	3106 Gwynns Falls Pkwy	21216
2/3/2014	7200	Pipe break, Sand, Gravel, Rocks	1.29	Patapsco	Greenspring Ave & Coldspring Ln	21209
2/5/2014	Evidence of Overflow	Rags, Grease	0.71	N/A	3714 Elmley Ave	21213
2/5/2014	7185	Rags, Grease	0.71	Herring Run	6465 Frankford Ave	21206
2/5/2014	Evidence of Overflow	Rags, Grease	0.71	N/A	Ridgewood Rd & Roland Ave	21210
2/5/2014	278	Rags, Roots	0.71	Herring Run	5214 The Alameda	21217
2/8/2014	750	Grease, Trash	0.00	Dundalk	Holabird Ave & Manor Ave	21224
2/8/2014	540	Rags	0.00	N/A	1906 Cedric Rd	21216
2/11/2014	Evidence of Overflow	Roots	0.00	N/A	2616 Talbot Rd	21216
2/11/2014	30	Rags, Roots, Debris	0.00	Patapsco	2850 Round Rd	21225
2/11/2014	Evidence of Overflow	Rags	0.00	Patapsco	3510 Eldorado Ave	21207
2/12/2014	Evidence of Overflow	Roots	0.00	N/A	4801 Lorelly Ave	21206
2/14/2014	3710	Grease	0.46	Patapsco	3205 Fairfield Rd	21226
2/15/2014	Evidence of Overflow	N/A	0.03	N/A	302 Edgevale Rd	21210
2/19/2014	Evidence of Overflow	Rags, Debris	0.19	N/A	3314 Pinkney Rd	21215
2/19/2014	378	Pipe break	0.19	Patapsco	2433 Washington Blvd	21230
2/19/2014	Evidence of Overflow	Rags	0.19	N/A	3714 Elmley Ave	21213
2/19/2014	1876	Rags, Roots, Debris	0.19	Jones Falls	5800 Greenspring Ave	21209
2/20/2014	965	Rags, Grease	0.00	Patapsco	1800 Ensor St	21202
2/21/2014	Evidence of Overflow	Roots	0.21	N/A	311 Somerset Rd	21210
2/21/2014	60	Rags, Grease	0.21	Jones Falls	5900 Simmonds Ave	21215
2/22/2014	212	Rags, Debris	0.00	Jones Falls	1600 Rutland Ave	21213
2/23/2014	56	Roots	0.00	Patapsco	310 Radnor Rd	21212
2/23/2014	Evidence of Overflow	N/A	0.00	N/A	3935 Boarman Ave	21215
2/24/2014	Evidence of Overflow	Rags	0.01	N/A	435 N Linwood	21205
2/24/2014	410	Rags, Grease	0.01	Patapsco	2433 Washington Blvd	21230
2/24/2014	180	Rags, Grease	0.01	Jones Falls	Cross Country Blvd & Kelly Ave	21209
2/24/2014	Evidence of Overflow	N/A	0.01	N/A	1626 Braddish Ave	21215
2/25/2014	Evidence of Overflow	Rags, Debris	0.02	N/A	1317 Lemmon St	21223



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending March 31, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
2/25/2014	90	Rags, Roots	0.02	Jones Falls	101 Deepdene Rd	21210
2/25/2014	30	Rags, Grease	0.02	High Level	3024 Gwynns Falls Pkwy	21216
2/25/2014	Evidence of Overflow	Rags	0.02	N/A	1321 Lemmon St	21223
2/25/2014	Evidence of Overflow	Rags, Grease	0.02	N/A	508 S Hanover St	21201
2/26/2014	30	Grease	0.06	Patapsco	102 S Fagley St	21224
2/26/2014	Evidence of Overflow	Rags, Grease	0.06	N/A	2571 W Fayette St	21223
2/28/2014	Evidence of Overflow	Rags, Trash	0.00	N/A	Dupont Ave & Greenspring Ave	21209
2/28/2014	60	Rags, Grease	0.00	Dundalk	6500 Riverview Ave	21222

City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending March 31, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
3/1/2014	Evidence of Overflow	Rags, trash	N/A	N/A	2845 W North Ave	21216
3/1/2014	375	Grease, trash	N/A	Gwynns Falls	2900 Norfolk Ave	21215
3/1/2014	Evidence of Overflow	Rags, trash	N/A	Gwynns Falls	3100 Tioga Pkwy	21215
3/2/2014	Evidence of Overflow	Debris	N/A	N/A	2931 Windsor Ave	21216
3/2/2014	45	Rags, roots, trash	N/A	N/A	3601 Pinkney Rd	21215
3/2/2014	1125	Roots, grease	N/A	Jones Falls	5000 Sunny Ln	21210
3/3/2014	90	Rags, Grease	N/A	N/A	5906 Edna Ave	21214
3/4/2014	Evidence of Overflow	Rags, grease	N/A	N/A	5315 Wendley Rd	21229
3/5/2014	Evidence of Overflow	N/A	N/A	N/A	1317 Lemmon St	21223
3/5/2014	Evidence of Overflow	Roots, debris	N/A	Patapsco	4530 Fairfax Rd	21216
3/5/2014	Evidence of Overflow	Rags, infiltration, debris	N/A	N/A	2001 E 30th St	21218
3/6/2014	600	Grease	N/A	N/A	5800 Bowleys Ln	21206
3/6/2014	315	Rags, grease trash	N/A	Inner harbor	125 N Ann St	21231
3/6/2014	Evidence of Overflow	Rags, roots	N/A	N/A	4215 Audrey Ave	21225
3/6/2014	Evidence of Overflow	N/A	N/A	N/A	408 W 28th St	21211
3/6/2014	15	Rags, grease	N/A	N/A	E 33rd & Guilford Ave	21218
3/7/2014	360	N/A	N/A	N/A	4309 Erdman Ave	21213
3/8/2014	Evidence of Overflow	N/A	N/A	N/A	5621 Belair Rd	21706
3/8/2014	Evidence of Overflow	Roots	N/A	N/A	3106 Hamilton Ave	21214
3/8/2014	322	Rags	N/A	Jones Falls	Dupont Ave & Greenspring Ave	21209
3/8/2014	Evidence of Overflow	Roots	N/A	N/A	1402 Patapsco St	21230
3/8/2014	Evidence of Overflow	Roots	N/A	N/A	1013 Darley Ave	21218
3/10/2014	Evidence of Overflow	Paper	N/A	N/A	1520 E Biddle St	21213
3/10/2014	90	Rags, roots	N/A	N/A	2905 Whitney Ave	21215
3/10/2014	Evidence of Overflow	Roots	N/A	N/A	4510 Penhurst Ave	21215
3/11/2014	Evidence of Overflow	Rags, grease	N/A	N/A	434 S Hanover St	21201
3/11/2014	Evidence of Overflow	N/A	N/A	N/A	508 S Hanover St	21201



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending March 31, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
3/11/2014	600	Rags, grease	N/A	Middle branch	931 Wilmington Ave	21223
3/11/2014	Evidence of Overflow	N/A	N/A	N/A	3424 Elmley Ave	21213
3/13/2014	Evidence of Overflow	N/A	N/A	N/A	1438 Cedarcroft Rd	21239
3/13/2014	625	Rags, grease, trash	N/A	Herring Run	Harper Way & Wright Ave	21205
3/13/2014	30	Rags, grease	N/A	N/A	2811 Druid Park Dr.	21215
3/14/2014	131	Rags, grease	N/A	Gwynns Falls	2922 Norfolk Ave	21215
3/14/2014	Evidence of Overflow	Roots	N/A	N/A	315 Overhill Rd	21210
3/15/2014	Evidence of Overflow	Pipe break	N/A	N/A	926 N Montford Ave	21205
3/15/2014	10	Rags, debris	N/A	Gwynns Falls	3416 Garrison Blvd	21215
3/15/2014	Evidence of Overflow	Pipe break, debris	N/A	N/A	2557 Marbourne Ave	21230
3/15/2014	Evidence of Overflow	N/A	N/A	N/A	625 E 34th St	21218
3/17/2014	Evidence of Overflow	N/A	N/A	N/A	645 E Pontiac Ave	21225
3/19/2014	110	Roots	N/A	Gwynns Falls	3304 W North Ave	21216
3/19/2014	Evidence of Overflow	N/A	N/A	N/A	332 S Pulaski St	21223
3/19/2014	Evidence of Overflow	N/A	N/A	N/A	5301 Fernpark Ave	21207
3/19/2014	Evidence of Overflow	Pipe break	N/A	N/A	2505 Brookfield Ave	21217
3/19/2014	240	Rags, grease	N/A	Gwynns Falls	3024 Gwynns Falls	21216
3/20/2014	Evidence of Overflow	Roots, grease	N/A	N/A	3560 Dudley Ave	21213
3/20/2014	Evidence of Overflow	Roots, trash	N/A	N/A	3012 White Ave	21214
3/20/2014	Evidence of Overflow	N/A	N/A	N/A	2840 Sisson St	21211
3/21/2014	Evidence of Overflow	Pipe break	N/A	N/A	1040 N Bentalou	21216
3/22/2014	Evidence of Overflow	Roots, grease	N/A	N/A	4217 Audrey Ave	21225
3/23/2014	229	Rags, debris	N/A	Patapsco	1810 Harman Ave	21230
3/23/2014	1,635	Roots, grease	N/A	N/A	3024 Gwynns Falls Pkwy	21216
3/23/2014	600	Rags, roots	N/A	Patapsco	2734 W North Ave	21216
3/23/2014	Evidence of Overflow	N/A	N/A	N/A	2102 Homewood Ave	21218
3/23/2014	Evidence of Overflow	Rags, grease	N/A	N/A	3403 Parkside Dr	21214
3/24/2014	861	Grease	N/A	Gwynns Falls	1800 Etting St	21217
3/24/2014	Evidence of Overflow	Rags	N/A	N/A	1302 Chesapeake Ave	21226
3/24/2014	482	Roots	N/A	N/A	4545 N Charles St	21210
3/24/2014	Evidence of Overflow	Rags, roots	N/A	N/A	9 N Wheeler Ave	21215
3/24/2014	Evidence of Overflow	Rags	N/A	N/A	332 S Pulaski St	21223
3/25/2014	Evidence of Overflow	N/A	N/A	N/A	2819 Overland Ave	21214



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending March 31, 2014

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
3/26/2014	545	Rags, grease	N/A	N/A	6200 The Alameda	21239
3/27/2014	87	Pipe break	N/A	N/A	2324 W Fayette St	21223
3/27/2014	Evidence of Overflow	Rags, roots	N/A	N/A	2616 Talbot Rd	21216
3/27/2014	Evidence of Overflow	Pipe break, rocks	N/A	N/A	3020 Liberty Heights Ave	21215
3/28/2014	Evidence of Overflow	Grease	N/A	N/A	1945 W Lafayette Ave	21217
3/29/2014	Evidence of Overflow	Rags, muck	N/A	N/A	1410 Darley Ave	21218
3/30/2014	Evidence of Overflow	Paper, grease	N/A	N/A	Fenwick Ave & Pentwood Rd	21218
3/31/2014	120	N/A	N/A	N/A	4252 Shamrock Ave	21206

Updated through March 31, 2014

Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (8)	Measures Taken to Identify Source or Resolve	Future/Planned Work
1	11/30/2007	Mannasota & Shannon	21213	Herring Run	Not Resolved	On-going	7,556,964 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. Ammonia testing for two locations results low.	Abated
2	4/11/2007	6225 York Rd behind Walker Mews Apartment Building	21212	Herring Run	Not Resolved	On-going	2,967,579 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. Recommendation for fix was forwarded on 10/11/13
14	9/18/2007	JHU Campus	21218	Jones Falls	Not Resolved	On-going	3,494,184 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 met with JHU maintenance on 12/5/13.	Repairs were completed in February 2014. Confirming test is pending
20	7/5/2006	W. 24th & Morton St.	21218	Jones Falls	Not Resolved	On-going	4,069,440 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. Confirming dye testing of 2431 Maryland Ave showed dye negative to storm drain.	Further investigation is scheduled for next quarter.
32	5/21/2009	4016-4018 Rogers Ave. - Rogers Post Apartments	21207	Gwynns Falls	Not Resolved	On-going	892,189 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. Plumber hired by Owner made repairs, but problem still active after testing in October 2013.	Property owner continues the CIPP lining efforts. City will test to confirm once the work is completed.
33	6/25/2009	Cross Country Blvd & Crest Rd.	21209	Jones Falls	Not Resolved	On-going	2,500,380 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 CIPP lining. Recommendation for fix was forwarded on 7/30/2013
38	11/6/2009	3302 Esther Place (inside 54"storm drain)	21212	Inner Harbor	Not Resolved	On-going	925,056 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.	DHCD will provide access so dye testing can be re-done

Updated through March 31, 2014

Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (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	57,260 T	Verified as SDUO site by ammonia field test and dye test completed on May 26, 2010.	More investigation is required
42	6/3/2010	Cross Country & Key Ave (Storm Drain MH with sewage in bottom)	21215	Western run	Not Resolved	On-going	201,168 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. Work will be performed under CD project.
47	8/4/2010	3412 - 3418 Glenmore Ave	21214	Moores Run to Herring Run	Not Resolved	On-going	672,840 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.	More investigation is required
49	9/9/2010	Barre St. near Sterrett	21203	Inner Harbor	Not Resolved	On-going	33,603 A	Investigation ongoing. UES in the process of notifying HCD to process a Violation Notice.	Property owner has till 5/14/2014 to complete the work
52	11/17/2010	39th & University Pkwy	21218	Jones Falls	Not Resolved	On-going	802,053 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.	Some of the work to be performed under CD project. Once completed, a confirming test will be performed and additional work may be needed.
55	8/10/2011	Mannasota & Parkside	21206	Herring Run	Not Resolved	On-going	35,658 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.	Recommended for lining was forwarded on 10/10/13. Once work is completed, a confirming test will be performed
57	8/31/2011	Seabury & Hillview	21225	Patapsco	Not Resolved	On-going	486,802 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. Recommendation forwarded for implementation on 7/30/2013
62	1/27/2012	JHU - Rensen Hall	21218	Johns Falls	Not Resolved	On-going	279,336 A	Met with representatives of Johns Hopkins University to discuss issue. JHU completed significant repair effort. Subsequent retesting by the City determined that the repairs to date have been unsuccessful. City met with JHU maintenance on 12/5/13.	Owner continues to address the problem
63	12/2/2011	Pinkney & Winner	21215	Johns Falls	Not Resolved	On-going	132,792 T	CIPP Lining recommended.	Work was performed under CD project. Test is negative. This site is abated
66	10/11/2012	McMechen & Jordan	21217	Jones Falls	Not Resolved	On-going	3,782,016 T	Dye test program and CCTV performed.	External point repair recommendation forwarded on 11/22/2013.

Updated through March 31, 2014

Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (8)	Measures Taken to Identify Source or Resolve	Future/Planned Work
67	9/26/2012	McMechen & Brevard	21217	Jones Falls	Not Resolved	On-going	55,391 T	Dye testing performed.	CIPP lining and manhole rehabilitation recommendation forwarded on 11/22/2013.
68	10/11/2012	Mason & McMechen	21217	Jones Falls	Not Resolved	On-going	62 T	Dye test program and CCTV performed.	Dye testing and CCTV scheduled for next quarter to continue investigation.
69	12/4/2012	Fait & Grundy	21224	Inner Harbor	Not Resolved	On-going	27,763 T	Heavy cleaning and CCTV performed. Dye testing of 3906 Fait Ave showed dye negative to storm drain.	3900 & 3904 Fait Avenue positive to drain. Re-route two connections. Forwarded on 3/18/2014
70	12/5/2012	Haven & Bank	21224	Inner Harbor	Not Resolved	On-going	17,316 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	153,360 A	Visual inspection and dye test performed.	More bacteria and ammonia testing scheduled for next quarter. Any rehab work will be done under CIP contract.
72	2/13/2013	Fairway Ridge Apts.	21207	Gwynns Falls	Not Resolved	On-going	30,374 A	Dye testing confirmed private connections. Property owner notified. Owner has completed repair.	Follow up with property owner for confirming test to make sure the fix was effective. This site is abated
73	3/1/2013	230 N. Franklinton Rd.	21223	Gwynns Falls	Not Resolved	On-going	166,347 A	Dye testing performed. Follow up to repairs, Ammonia still high.	The owner continues to address the problem
74	3/12/2013	3801 Pulaski Hwy - Hebrew Friendship Cemetery	21224	Inner Harbor	Not Resolved	On-going	291,380 A	Dye testing and inspection performed.	work completed. Confirming test will follow.
75	4/3/2013	Pulaski Hwy. & Dean St.	21224	Inner Harbor	Not resolved	On-going	14,234 A	Dye testing and inspection performed.	work completed. Confirming test will follow.
76	5/22/2013	Nuth Ave, off of Frankford Ave.	21213	Herring Run	Not resolved	On-going	8,504 T	Dye test program, and CCTV, planned. Pipe was lined upstream of cleanout, but not lined from cleanout to Nuth Ave.	Confirming test negative. Site is abated.
78	7/26/2013	500 block of Bloom St.	21217	Jones Falls	Not Resolved	On-going	307,258 T	CCTV program in progress. Lining repair work was performed under Consent Decree project.	Problem not abated. Will continue investigations
79	7/31/2013	Perkins Homes, 263 Dallas Ct.	21223	Inner Harbor	Not Resolved	On-going	51,168 T	Dye test program and CCTV conducted. Confirming test showed dye negative to storm drain.	Confirming test to abate site scheduled for next quarter.
80	8/16/2013	Perkins Homes, 270-279 Dallas Ct.	21223	Inner Harbor	Not Resolved	On-going	175,775 T	Dye test program and CCTV conducted. Confirming test showed dye negative to storm drain.	Confirming test to abate site scheduled for next quarter.
81	8/29/2013	2301 Wilkens Ave.	21223	Gwynns Run	Not Resolved	On-going	3,340 A	Dye tested nearby sanitary, without positive results.	Lining and point repair recommendations were forwarded on 10/9/13
82	9/17/2013	Fleet & Fagley Streets	21224	Patapsco	Not Resolved	On-going	125,496 T	Dye test program and CCTV in progress.	Under Investigation

Updated through March 31, 2014

Serial No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (8)	Measures Taken to Identify Source or Resolve	Future/Planned Work
83	9/19/2013	Scottish Rite Masonic Center, 3800 N Charles Street	21218	Stony Run	Not Resolved	On-going	3,259 A	Dye test program conducted. 3800 N Charles St SHC showed positive dye to storm drain. Informed Owner of problem and requested corrective action.	Follow up with Owner for corrective action.
84	10/22/2013	Gwynns Falls Pkwy. & Holmes Ave.	21217	Gwynns Run	Not Resolved	On-going	131,230 T	Dye test program and CCTV conducted. 1620 Gwynns Falls Pkwy SHC showed positive dye to storm drain.	Send letter to Owner requesting corrective action.
85	11/6/2013	2200 BLK Arden Rd.	21209	Western Run	Not Resolved	On-going	10,291 A	Dye test program and CCTV conducted. Dye was positive to storm drain.	Under Investigation

	SDUO Site abated
	SDUO Site on Private Property

SDUO Summary:

1. Total SDUO Sites Documented: **87**

2. Total SDUO Sites Resolved: **56 (65% Complete)**

3. Total Active SDUO Sites on Private Property: **10**

4. Total SDUO Sites Unresolved: **31 (35% Open)**

5. New SDUO Sites documented in the last Quarter: **0**

6. Under the column entitled "Date of Resolution", if the note reads Not Resolved an end date of 03/31/2014 was

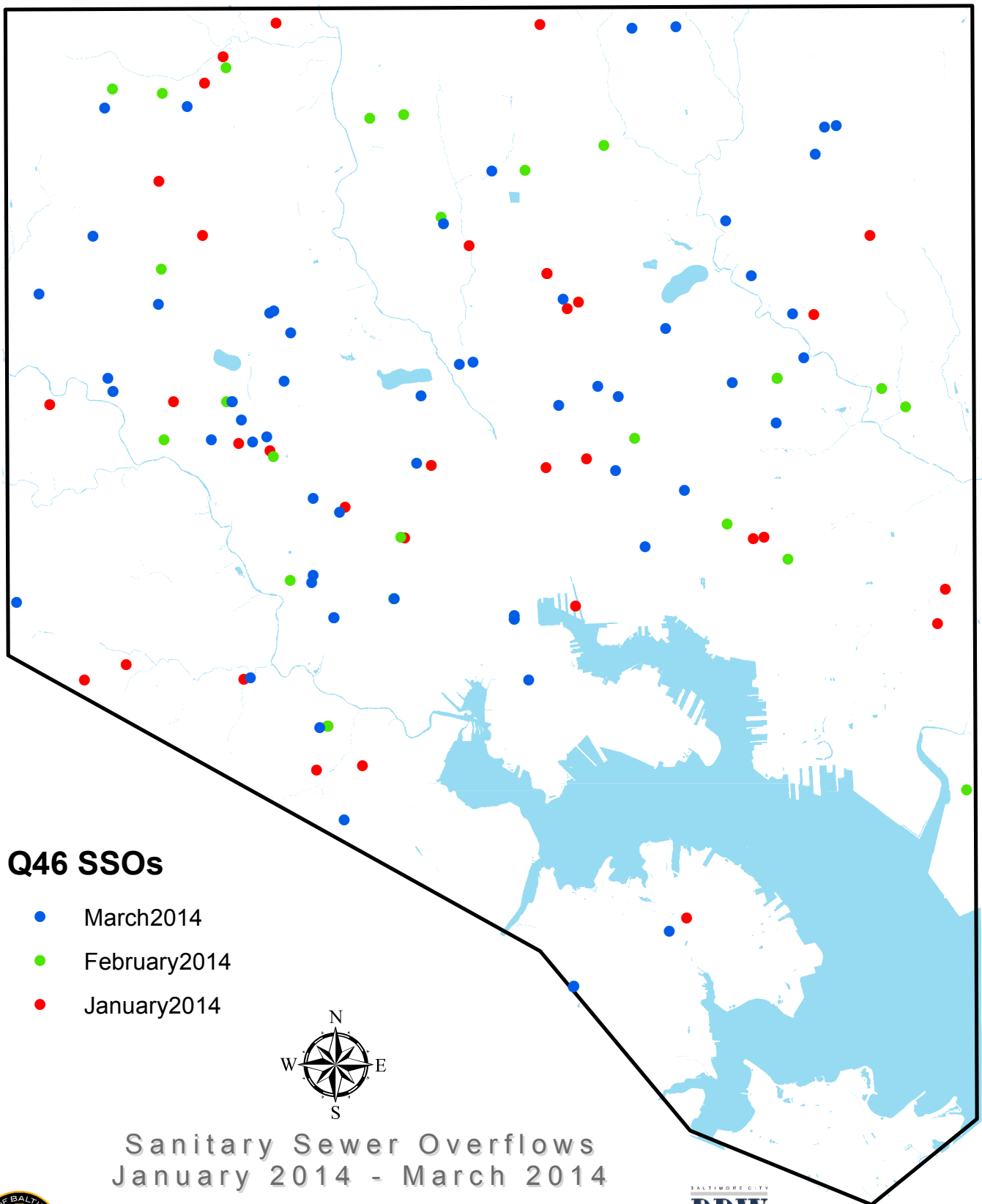
7. All of the Estimated Quantities of Discharge listed in the above table are based on a start date of October 30, 2008 in accordance with the letter issued by EPA dated November 12, 2010. The actual start date of the sewer

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.



Q46 SSOs

- March2014
- February2014
- January2014



Sanitary Sewer Overflows
January 2014 - March 2014



Updated: April 2014