

CITY OF BALTIMORE

STEPHANIE RAWLINGS-BLAKE, Mayor



DEPARTMENT OF PUBLIC WORKS

Rudolph S. Chow, P.E., Director
Abel Wolman Municipal Building, 6th Floor
200 N. Holliday Street
Baltimore, Maryland 21202

July 27, 2016

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

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
950 Pennsylvania Avenue, N.W.
Washington, D.C. 20530

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

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

Michelle Price-Fay
Chief, NPDES Enforcement Branch
United States Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103

Joyce A. Howell (3RC20) (Cover letter only)
Senior Assistant Regional Counsel
United States Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103

Chief
Enforcement Division, Compliance Program
Water Management Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, MD 21230

Principal Counsel
Maryland Department of the Environment
Office of the Attorney General
1800 Washington Boulevard
Baltimore, MD 21230

**RE: United States, et al. v. Mayor and City Council of Baltimore
Civil Action No. JFM-02-1524
Calendar Quarterly Report No. 55
For Calendar Quarter Ending June 30, 2016**

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. 55, for the Calendar Quarter ending June 30, 2016.

Please Visit Our Website @ www.baltimorecity.gov



July 27, 2016

Page 2

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,

A handwritten signature in blue ink, appearing to read "JAP", with a stylized flourish at the end.

James A. Price Jr, Acting Bureau Head
Water & Wastewater

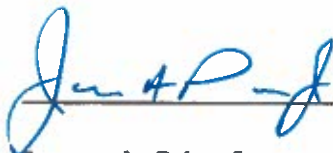
Enclosures

JAP:ajd

cc: Rudolph Chow, P.E.
Dana Cooper, Esquire
Ms. Dawn Lettman
Mr. George Nilson
Thomas Lingan, Esquire
Mr. Michael Gallagher
Art Shapiro, P.E.
Arthur Jones-Dove, P.E.
File

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.



James A. Price Jr.
Acting Bureau Head



City of Baltimore Sanitary Sewer Overflow Consent Decree

Civil Action No. JFM-02-1524

**Calendar Quarterly Report No. 55
For Calendar Quarter ending June 30, 2016**

*Submitted:
July 29, 2016*

*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*



Table of Contents

<u>Section</u>	<u>Page</u>
A. INTRODUCTION	2
B. PROGRESS OF IMPLEMENTATION OF SECTION VI REQUIREMENTS	3
Paragraph 8: Elimination of Sanitary Sewer Overflow and Combined Sewer Overflow Discharges	3
Paragraph 9: Collection System Evaluation and Sewershed Plans	6
Paragraph 10: Illegal Sewer Connections	11
Paragraph 11: Pumping Station Inspection, Rehabilitation, and Repair	13
Paragraph 12: Collection and Transmission System Model	14
Paragraph 13: Collection System Operation and Maintenance	15
Paragraph 14: Information Management System Program	15
Paragraph 15: Valve Inspection and Repair Program	16
Paragraph 16: Emergency Response Plan – Un-permitted Discharges	16
Paragraph 17: Reporting of Discharge Events and Recordkeeping	17
C. DESCRIPTION OF ANTICIPATED PROBLEMS WITH SECTION VI REQUIREMENTS	18
D. DESCRIPTION OF SEP ACTIVITIES	18
E. ADDITIONAL MATTERS FOR THE ATTENTION OF THE EPA AND MDE	18
Appendix 1 – Status of Paragraph 8 Construction Projects	
Appendix 2 – Status of Paragraph 9 Construction Projects	
Appendix 3 – List of Illegal Connections	
Appendix 4 – Pumping Station Work Orders	
Appendix 5 – Summary of Reported Overflows	

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 June 30, 2016, the City of Baltimore was in general compliance with the Clean Water Act and Title 9, Subtitle 3 of the Environment Article, Annotated Code of Maryland. Episodes of non-compliance include un-permitted sanitary sewer overflows (SSOs), as reported during the quarter in accordance with Paragraph 17 of the Consent Decree and as summarized in Appendix 5 herein.
- B. Construction Projects:** Appendix 1 to this Calendar Quarterly Report provides a status update for each of the construction projects listed in Appendix D of the Consent Decree.

1. Practical Completion

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

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

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

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

2. SSO Structure Elimination

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

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

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

The City is working on addressing these SSOs. The City has engaged the services of an engineering firm to investigate and evaluate the collection system adjacent to SSO Nos. 132, 134 and 135. The design to eliminate these SSOs is complete and the contract was advertised on February 10, 2012, bids were opened on April 4, 2012, contract was awarded on September 26, 2012, and Notice to Proceed was issued on February 4, 2013. Due to construction and bypass activity at SSO #132 (site P8_10_132S), SSO #134 (site HL32) and SSO #135 (site P8_10_135S) these meters were removed on 2/20/14, 8/17/13 and 6/13/14 and, respectively. These meters were re-installed on 9/11/14 after construction activities were concluded. **SSO #132 and #134 were eliminated and permanently sealed on June 27, 2016.**

SSO 150 located at the intersection of N Calvert St & Chancery Rd
SSO 151 located in the proximity of 4210 Curtis Ave



SSO 152 located at the intersection of N Charles St & W Lanvale St
SSO 153 located at the intersection of Fernhill Ave & Hillsdale Rd
SSO 154 located at N. Charles Street & W. Lafayette Avenue

Flow meters have been installed and will monitor these locations for 6 months. The collected data in conjunction with the hydraulic model will determine if they can be sealed.

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 June 30, 2016, 1 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		
			April	May	June
7	4	Lower Jones Falls Interceptor	0	0	0
8	5	Stony Run Interceptor & P.S.	1	1	1
10	7	Greenmount Interceptor	0	0	0
Total			1	1	1

A summary of rainfall and flow monitoring data collected during March, April and May 2016 (the data reported lags by one month due to the 30-day lag time in delivery of the prior month's data), prepared by RJN/ADS Environmental Services is submitted on a compact disk in the inside of the back cover of this Calendar Quarterly Report. The ADS report includes:

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

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

F. Progress Reports:

Progress of work under Paragraph 8 is as reported herein.

Paragraph 9: Collection System Evaluation and Sewershed Plans

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

Sewershed Study and Plan: The City submitted Jones Falls, the first of the sewershed plans to MDE/EPA and DOJ on December 26, 2008 with an approach plan for prioritizing the capital improvements recommended by the Jones Falls team and the other sewersheds. MDE/EPA submitted comments on the Jones Falls Report in a letter dated June 4, 2009. The City responded within 30 days. The Herring Run sewershed plan was submitted to MDE/EPA and DOJ on June 26, 2009. The Low Level sewershed plan was submitted to MDE/EPA and DOJ on December 22, 2009. The High Level sewershed plan was submitted to MDE/EPA and DOJ on December 21, 2009. The Patapsco, Dundalk, Outfall and Gwynns Falls sewershed plan were submitted to MDE, EPA and DOJ on June 15, 2010, June 18, 2010, June 25, 2010 and June 28, 2010, respectively. All eight (8) Sewershed Plans/Reports were submitted by the milestone dates established in the Consent Decree.

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

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

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

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

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

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

D. Infiltration and Inflow ("I/I") Evaluation: Flow monitoring began on May 09, 2006. As of June 30, 2016, 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 June 30, 2016, there was no capacity/flow management analysis activity related to the Sewershed Studies and Plans.

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

Sewershed Study and Plan(s):

All eight (8) Sewershed Plans/Reports have been submitted by the milestone dates

established in the Consent Decree.

Approval

The plans have been submitted. The City provided a technical workshop on February 26, 2009, addressed comments sent on June 4, 2009 for Jones Falls and met with MDE and EPA on May 3, 2010 to provide further justification on the use of the 2-year 24 hr design storm. In addition to other items such as an affordability analysis, MDE and EPA also requested that the City consider levels of improvement that would minimize SSOs in sensitive areas. Based on EPA's definition of "sensitive areas" received on June 28, 2010, the City evaluated an approach that includes the sewershed studies recommended improvements and accounts for higher levels of controls for minimizing SSOs in identified sensitive areas. The City received a letter from United States Environmental Protection Agency (EPA) dated February 10, 2011, stating that it has reviewed the Final Sewershed Plans for Jones Falls, Herring Run, and High Level. Based on its review has concluded that after the City implements the proposed improvements (2-year 24-hour design storm) a significant number of overflows will remain during greater storm events, including 5-year and 10-year 24-hour storm events. Therefore, EPA cannot approve these sewershed plans as submitted because the recommended improvements fall short from the goal of the CD in ensuring that Baltimore's sewage collection system does not cause or contribute to SSOs.

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

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

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

be used in selecting the appropriate LOP. The first of these technical workshops was held on March 26, 2012, with representatives of the City, EPA Region 3 and MDE with other technical workshops to follow. During the workshop, EPA and MDE had some questions on the hybrid approach. The City provided the necessary clarification in a letter dated April 13, 2012.

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

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

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

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

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

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



On November 1, 2013, the City received a response from the Regulators to the June 28, 2013, City letter regarding the time line for completion of Phase 2 Consent Decree work. The Regulators recognized the ongoing efforts by the City and indicated that they have no objection to the implementation of a refined version of the IPF and a two-phased adaptive management approach to complete the structural and hydraulic rehab under the Consent Decree. The Regulators also pointed out that a court approval of an amended Consent order is required if any deadlines are to be modified. **The City responded to the November 1, 2013 correspondence in a letter dated December 16, 2013 and met with EPA, DOJ and MDE on March 27, 2014 to provide a progress update on the Consent Decree. The City followed up with a letter dated May 12, 2014, to the Regulators highlighting the two phased adaptive management approach and re-iterating the City's willingness and commitment to move forward with the Consent Decree modification. On May 12, 2014 the City provided a response based on questions raised by EPA and MDE during the progress meeting on March 27, 2014. An additional follow-up conversation between EPA and the City on June 4, 2014 resulted in the Phase 1 Adaptive Management Contract Summary which was submitted to EPA on June 27, 2014.**

The City of Baltimore received a letter dated June 11, 2015, from the Department of Justice including proposed modifications to the City of Baltimore Consent Decree. Negotiations between the City and the Regulators on the modifications resulted in the United States Department of Justice lodging proposed modifications on June 1, 2016. The proposed modification establishes additional control measures, and provides more transparency to the public, as well as new interim milestones for completion of phase 1 and 2 projects, and a 2 year monitoring period before a final closure report is submitted by June 2033. The proposed modification will be open for public comment and requires court approval since it changes the terms and schedule of the original consent decree. The public will have a 60-day period to provide comments on the consent decree modification. All comments will be considered before the modification can be finalized by the court.

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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016.

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 Innowyze.



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

Paragraph 13: Collection System Operation and Maintenance

- A.** During the calendar quarter ending June 30, 2016, 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. The eighth annual progress report was submitted on October 30, 2014. **The ninth annual progress report was submitted on October 13, 2015.**

Paragraph 14: Information Management System Program

- A. During the calendar quarter ending June 30, 2016, 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 June 30, 2016. 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. The 2014 annual updates to the ERP were submitted to the Regulators on December 18, 2014. **The 2015 annual updates to the ERP were submitted to the Regulators on December 8, 2015.**
- 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 June 30, 2016, 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 June 30, 2016 is provided in Appendix 5.
- B.** During the calendar quarter ending June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, 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 June 30, 2016, this contract was advertised on April 30, 2010, and bids were due on December 31, 2010. The construction NTP was issued on February 22, 2011. **The warranty period for this project is over.**

Contract for the Improvements to the Headworks and Wet Weather Flow Equalization at Back River WWTP Project SC 918H was re-advertised, interviews occurred on March 15th and selection of CMAA team occurred on May 4, 2016. NTP anticipated in July 2016. Project SC 918S - Site work and relocation of the County Force main was bid on February 5, 2016 and NTP anticipated in July 2016.

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

As of the calendar quarter ending June 30, 2016 the City of Baltimore has updated the Sanitary Discharges of Unknown Origin (SDUO) tracking sheet to the Quarterly Report per the requirements of the policy letter by EPA and MDE dated March 31, 2009. The details of these sites are located in the SDUO tracking sheets in Appendix 5.

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

APPENDIX 1

**STATUS OF
PARAGRAPH 8
CONSTRUCTION PROJECTS**



APPENDIX 1
STATUS OF PARAGRAPHS CONSTRUCTION PROJECTS
As of June 30, 2016

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO STRUCTURES ELIMINATED	STATUS
UPPER JONES FALLS SEWERSHED							
1	Walden Run Interceptor (LPI Branch) Sanitary Contract Nos. 760 & 760	1. Install approximately 800 linear feet of 30-inch parallel rigid sewer from JP640 to JP110 (along JP100-100A) (SC 770) 2. Install approximately 4,400 linear feet of 24-inch parallel rigid sewer from JP200 to JP265 (SC 786) 3. Rehabilitate approximately 3,300 linear feet of existing 18-inch sewer from JP107 to JP120 (SC 789)	June 30, 2002	June 30, 2004	June 30, 2005	Eliminate SSO nos. 21, 22, 23, 24 and 29	Complete
2	Upper Jones Falls Interceptor (Main & South of Poplar Cuts Plant) Sanitary Contract Nos. 772 & 804	1. Rehabilitation of approximately 1,800 linear feet of existing 42- to 48-inch sewer located between JP1 (M. Washington Plant) and JP10, and approximately 6,570 linear feet of 48- to 60-inch sewer located between JP42 and the JP70. Replacement of approximately 1,000 linear feet of 48" sewer between JP10 and JP18, and approximately 1,300 linear feet of 60" sewer between JP70 and the Jones Falls Pumping Station (SC 772) 2. Replacement of approximately 7,000 linear feet of 48-inch sewer between JP18 and JP42 (SC 804). 3. Manholes and stream bank restoration.	June 30, 2004	December 27, 2009	12/29/2009**	Eliminate SSO Nos. 33 and 34	SC 772: Practical Completion was achieved on June 30, 2009. SC 804: Construction Phase** Letter sent to MDE and EPA on 6-25-07 requesting an extension of the SSO elimination date to December 2009. MDE response letter approving submission was received on September 5, 2007. Eliminated SSO Nos 33 and 34 on 12/10 and 12/29/09, respectively.
3	New Jones Falls Force Multi-Pressure Sewer - Lower Section and Valve Improvements of existing force-pressure sewer Sanitary Contract Nos. 80779 & 80800	1. Replacement of approximately 1600 linear feet of force multi-pressure sewer in Broadway from Chest 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 multi-pressure sewer (SC 800)	December 30, 2002	June 30, 2004	6/29/2005 - SEE STATUS	Contributes to elimination of SSO No. 5	SSO No. 5 cannot be eliminated until projects 4 and 6 are completed.
4	Jones Falls Pumping Station Force Multi-Pressure Sewer Sanitary Contract No. 800	Upgrade existing force multi-pressure sewer to handle increased flows from rehabilitated/ upgraded Jones Falls Pumping Station as well as additional flows from possible future pumping stations in Sherry 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 4-11-07 requesting additional 90 day practical completion extension to December 2007. MDE response letter approving additional extension received September 5, 2007. Letter sent to MDE and EPA on 12/17/07 requesting additional 90 day extension for practical completion. Practical completion was achieved on 12/28/08. Letter request approved on 1/4/09. Construction is to start April 11, 2016. Awaiting response from EPA.
5	Jones Falls Pumping Station Sanitary Contract No. 822	Upgrade existing pumping station to handle at least 60 mgd	December 30, 2003	12/29/2007**	June 30, 2008	Eliminate SSO No. 5	Construction Phase** Letter sent to MDE and EPA on 4-11-07 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. 878	Assess hydraulics and design improvements to areas adjacent to overflows	Existing on-call contract	June 30, 2003	June 30, 2004	Eliminate SSO Nos. 20, 31, 32 and 35	Complete

Note: Shaded date cells indicate completion

APPENDIX 1
STATUS OF PARAGRAPHS CONSTRUCTION PROJECTS
As of June 30, 2016

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO STRUCTURES ELIMINATED	STATUS
LOWER JONES FALLS SEWERSHED							
7	Lower Jones Falls Interceptor (Upper Portion of Gray's Meadows) Secondary Contract Nos. 773 & 818	1. Install approximately 7,000 linear feet of 18- to 24-inch parallel raised sewer from J0000 (near Jones Falls Station No. J0001) (for extension of the J02 branch) (SC211) 2. Rehabilitation of existing 18,000 linear feet of 18-inch sewer along the J02 branch (SC211) 3. Invert siphon rehabilitation to Falls Road (contract #8002) (SC211) 4. Stream bank restoration along Urban Avenue near Meadow Hills at Woodbury	July 31, 2003	June 30, 2005	2/28/10**	Eliminate SSO No. 87	Post Construction Monitoring Phase - Monitoring period is extended 81 one day
8	Stony Run Interceptor and Pumping Station (JCF Branch) Secondary Contract Nos. 818, 838, 839 & 847	1. Construct a 20 mgd capacity pumping station near Department of Public Works Solid Waste Site near the intersection of 28th Street and Station Street. 2. Install approximately 1,200 linear feet of 24-inch force main from new pumping station to JF75 pressure sewer (length depends on location of pumping station) 3. Parallel approximately 10,800 linear feet of existing sewer from south of Cullagging Lane (JCF-48) to the new pumping station with 18 to 36-inch sewer	December 30, 2005 (SC-818 & 839) June 30, 2006 (SC-838 & 847)	5/31/2006**	2/28/10**	Contributes to elimination of SSO No. 72. Eliminates SSO No. 126	Practical completion was achieved on May 29, 2006 for the two parallel force main lines (interceptor (SC-838) and force main (SC-839)). Non-CO portion of the project is nearly complete. Flow monitor installed at new Stony Run Pump Station on August 20, 2009. The City submitted an extension request to EPA and MDE for SSO 87 and 72 dated February 19, 2010 requesting an extension to February 25, 2011. The City further submitted another extension letter dated February 19, 2011 requesting an extension to June 29, 2011 to allow for construction of the force main and the hydraulic resistance project at the BR-WWTP which the City believes is a major contributor to not being able to eliminate these SSOs.
9	Marginal Avenue Interceptor (JCB Branch) Secondary Contract No. 700	1. Replace (replace) approximately 4,400 linear feet of existing 12- to 24-inch sewer with new 21- to 36-inch sewer along the right-of-way (ROW) (JCB-101) (JCB-101). 2. Sewer replacement may require crossing the G.L.E.	December 30, 2005	July 14, 2006*	June 30, 2006	Eliminate SSO Nos. 89 & 125	Complete
10	Greenwood Avenue Interceptor (LJA Branch) Secondary Contract Nos. 820, 823	1. Install approximately 7,200 linear feet of 36- to 42-inch parallel raised sewer from Bonaparte Avenue to the Urban Avenue Interceptor Pumping Station. 2. LJA approximately 8,000 linear feet of 18- to 36-inch existing sewer.	December 30, 2005	12/27/07**	2/28/10**	Contributes to elimination of SSO No. 72	Construction Phase: SC 823-Extension later was sent on 12-7-07 for a 90 day extension through March 28, 2008. This extension was approved and a subsequent extension for 90 days, through June 27, 2008 was submitted. Awaiting response from EPA and MDE. Practical completion achieved on May 27, 2008. Monitoring period began July 21, 2008. In a letter dated 1/10/2011, EPA approved the minor schedule modification.
11	Elimination of Station Street (Sipson No. 6 - south of North Avenue Bridge, west of RR tracks) Secondary Contract No. 830	1. Cleaning and inspection of siphon with repairs as necessary. 2. Elimination of siphon.	On-call contract	June 30, 2004	June 30, 2005	Eliminate SSO No. 88	Complete
HERRING RUN SEWERSHED							
12	Morris Run Interceptor - Middle Section Storm Water Contract Nos. 7749 and 7751	Construction of approximately 600 linear feet of 18-inch, approximately 600 linear feet of 21-inch, approximately 24-inch, approximately 100 linear feet of 27-inch, and approximately 100 linear feet of 36-inch sewer to replace existing interceptor	June 30, 2003	July 14, and Sept. 2, 2005**	June 30, 2005	Contributes to elimination of SSO Nos. 118 and 119	Complete
13	Morris Run Interceptor - Lower Section Secondary Contract No. 801 and 843	Construction of approximately 800 linear feet of 42-inch, approximately 7,700 linear feet of 36-inch siphon, and approximately 3700 linear feet of 84-inch sewer to replace the existing interceptor	June 30, 2005	June 30, 2007	June 30, 2006	Eliminate SSO No. 83 and 94	Construction Phase - Complete
14	Morris Run Interceptor - Upper Section Secondary 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, 2005	Contributes to elimination of SSO Nos. 118 and 119	Complete
15	Elimination of Collection System Overflows to Herring Run Sewerbed	Assess hydraulics and design improvements to areas adjacent to overflows	Existing on-call contract	June 30, 2003	June 30, 2004	Eliminate SSO Nos. 85 and 100	Complete
16	Elimination of Siphon Branch (Sipson No. 2 - Bay View Yard south of RR tracks; Sipson No. 4 - Bayview Lane/Morris Road) Secondary Contract No. 830	1. Cleaning and inspection of siphons with repairs as necessary. 2. Elimination of siphon.	On-call contract	June 30, 2004	June 30, 2005	Eliminate SSO Nos. 82	Complete

APPENDIX 1
STATUS OF PARAGRAPHS CONSTRUCTION PROJECTS
As of June 30, 2016

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO STRUCTURES ELIMINATED	STATUS
OWYNS FALLS SEWERED							
17	Provide MS System Improvements including OFO Branch in Owyne Falls Sewered 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 18-inch collection piping (SC804)	June 30, 2003	June 30, 2008	June 30, 2007	Eliminate SSO Nos. 287, 297 and 327	Complete
18	Dead Run System Improvements Sanitary Contract No. 784, 823	Clean, inspect and rehabilitate approximately 20,000 linear feet of 12- to 24-inch conveyance piping (OCE) and approximately 11,000 linear feet of 8- to 15-inch collection piping (SC788).	June 30, 2003	June 30, 2006	June 30, 2007	Eliminate SSO Nos. 167 and 177	Complete
19	Middlee Creek 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	Eliminate SSO Nos. 230 and 240	Construction Phase - Complete
20	Elimination of Siphon Blowoffs (Siphon No. 11 - Annapolis Road and Lane Street; Siphon No. 12 - Chestnut St. east of Prindlesson 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	Eliminate SSO Nos. 84 and 227	Complete*
COMBINED SEWER AREAS							
21	Walkway Sanitary Contract No. 780	Implementation of Long Term Control Plan and combined sewer separation design in Walkway area		June 30, 2002	June 30, 2003	Eliminate CSO No. 217	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, 2003	June 30, 2008	Eliminate CSO No. 137 and SSO Nos. 167, 177, 187, 197, 207, 217 and 217 SSO No. 107, 187, 197 & 217 are eliminated.	Complete
HIGH LEVEL SEWERED							
23	Owyne Run Interceptor Sanitary Contract No. 812	Improvements to the Owyne Run Interceptor	December 30, 2004	February 25, 2007	12/27/2007**	Eliminate SSO Nos. 108, 107 and 130	Complete
24	Owyne Run System Improvements Sanitary Contract No. 807	Assess hydraulics and design improvements to areas adjacent to overflow	June 30, 2003	June 30, 2003	June 30, 2007	Eliminate SSO Nos. 50, 56, 57, 60, 63, 100, 126, 127, 128 and 131	Complete
25	Elimination of Siphon Blowoffs (Siphon Nos. 9 and 10 - east of Dukawal Street, south of Wilkins 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	Eliminate SSO Nos. 79 and 81	Complete*
LOW LEVEL SEWERED							
26	Elimination of Siphon Blowoff (Siphon No. 6 - rear of 800 Uweia 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	Eliminate SSO No. 307	Complete

* Approved by MDEPA. ** Approved by MDE. *** Approved by EPA

APPENDIX 2

**STATUS OF
PARAGRAPH 9
CONSTRUCTION PROJECTS**



STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of June 30, 2016

Proj. No.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION ADVERTISED	DATE OF CONSTRUCTION COMPLETION	DATE OF EVALUATION COMPLETION	STATUS
JOHES FALLS SEWERSHED						
JF-1	Lower Jones Falls Sewer Clearing	SC 876 - This 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 identify sediments and debris levels, clearing 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 clearing CCTV/SONAR assessment to document the internal condition of the pipes.	8/29/2008 (A)	1/1/2012 (A)	1/1/2013 (A)	The contract was awarded to Video Pipe Services (VPS) on October 21, 2009. The Clearing of the Lower Jones Falls and Maryland Ave. Siphon Clearing were combined into one Project (SC 876).
JF-2	Maryland Avenue Sewer Siphon Clearing	SC 876 - This work includes Maryland Avenue Siphon, and sewers upstream of the Maryland Avenue Siphon (16 inch 24-inch sewer-siphon). Typical work includes initial SONAR assessment of the sanitary sewers to identify sediments and debris levels, clearing of Maryland Avenue Siphon, and various sewers upstream of the Maryland Avenue Siphon, with proper disposal of removed material, and post clearing CCTV/SONAR assessment to document the internal condition of the pipes.	8/29/2008 (A)	1/1/2013 (A)	1/1/2014 (A)	The contract was awarded to Video Pipe Services (VPS) on October 21, 2009. The Clearing of the Lower Jones Falls and Maryland Ave. Siphon Clearing were combined into one Project (SC 876).
JF-3	Upper Jones Falls Interceptor Rehabilitation	Rehabilitation of an inactive 42-inch diameter interceptor sewer along Jones Falls from Northern Parkway (M1 816CC, 2045MR1) to Cold Spring Lane (M1 816CO, 1042MR). Prior to excavation 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.	8/29/2008 (A)	8/28/2010 (A)	N/A	The Consultant's (KCI) evaluation of the inspection and clearing work, the line is in fairly good condition and can be re-scheduled without any major re-investigation work. The project is complete and the City will utilize this line in the future as deemed necessary. Construction project will not be pursued. All future work for this pipe will be tracked independently by the City. Conditional Acceptance was on 1/19/10, and Final Acceptance was on 10/27/11.
JF-4	SC 885 - MD Ave Sewer Rehab	SC 885 - Repair and rehabilitation of sanitary sewer and manholes in the Maryland Ave sub- watershed of the Jones Falls Sewershed.	1/10/11 (A)	8/7/2013 (A)	8/8/14 (A)	Bids were opened on 12/14/11 and AM Line was the lowest bidder. Contract was awarded by AM Line on 8/27/2012. 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-5	SC 888 - 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)	8/30/2015	9/30/2017	The project was advertised on 7/27/2012. The lowest bidder is Insituform Technologies. Award date is 12/19/12 and NTP issued on 2/8/13. Project in liquidated damages
JF-6	SC 890 - 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)	10/30/2016	10/30/2017	The project was advertised on 7/27/2012. The lowest bidder is Insituform Technologies. Award date is 12/19/12 and NTP issued on 2/8/13. Project in liquidated damages
JF-7	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)	5/30/2018	5/30/2019	The project was advertised on 7/27/2012. The lowest bidder is Insituform Technologies. Award date is 12/19/12 and NTP issued on 2/8/13. Project in liquidated damages
JF-8	SC 897R - Greenmount, Hampden and Boben Hill	Repair and rehabilitation of sanitary sewer and manholes in the Greenmount, Hampden, and Boben Hill areas of the Jones Falls Sewershed	3/22/2013 (A)	3/28/2017	3/28/2018	The contract was advertised on 3/22/13. The lowest bidder is Insituform Technologies. Award date is 8/7/13 and NTP issued on 9/27/13. Project in liquidated damages
OUTFALL SEWERSHED						
OF-1	Sanitary Clearing Trunk Sewers in City of Baltimore	SC 904 - Clearing of Outfall Sewershed 60-inch and Outfall Interceptor (From N. Bond Street to 9000 Block of E. Lombard Street)	8/28/09 (A)	04/18/2014 (A)	4/18/2015 (A)	The contract was awarded to Meza Industries, who was the lowest bidder, on 8/28/09. NTP was issued on 8/28/11. Clearing of the outfall stopped as of 8/28/12. Project was started on 4/28/13 and was completed on 4/27/14.
OF-2	SC004 - CLEANING OF THE OUTFALL INTERCEPTOR AND RELIEF SEWERS - PHASE II	Clearing of the relief sewer and outfall interceptor - phase II	12/15/2013 (A)	5/30/2017	5/30/2018	The contract was advertised on 12/15/13. The lowest bidder is Meza Industries. Award date is 3/12/14 and NTP issued on 4/24/14.
OF-3	SC 910 - Sewer Rehab in the Outfall Sewershed	SC 910 - Sewer Rehab in the Outfall Sewershed	7/17/2015 (A)	7/30/2018	7/30/2019	The contract was advertised on 7/17/2015. Bid opening is 8/26/2015.

Note: Shaded date cells indicate completion.

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of June 30, 2016

HIGH LEVEL SEWERAGE						
HL-1	Liberty Heights Riser Sewer	SC 679 - Design and construction of Riser Sewer from intersection of Springdale Rd and N-John St to intersection of Wabash Ave and Liberty Heights Ave. (S06JUL 007741) to 813JUL 006461). Work includes excavation and removal of existing 12 inch sewer line, installation of 2400 LF of new 18-inch sewer line and installation of 720 LF of 20-inch water line. Evaluation phase will include continual monitoring of existing ungrouted SSOs. 152, 154 and 155 to ensure no overflows	4/11/2014 (A)	4/11/2014 (A)	4/11/2016 (A)	The contract was advertised on 2/10/12. Bids were due by 3/21/12, but date was extended to 4/4/12. The contract was awarded on 4/11/12. The contract was awarded to Monumental Paving and Excavating Inc. Final construction progress meeting was held on 3/20/13
HL-2	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)	10/20/2016	5/30/2017	The contract was advertised on 3/22/13. The lowest bidder is Inland Waters. The project was awarded on 11/14/13 and NTP was issued on 11/11/13. Project in scheduled damages
HL-3	SC908 - West Baltimore Region	SC 908 - Repair and rehabilitation of sanitary sewer and manholes in the West region of the High Level Sewershed	5/10/2013 (A)	7/26/2016	7/26/2017	The contract was advertised on 5/10/13. Lowest bidder is SAK Construction. The contract was awarded on 11/19/13 and NTP issued on 2/5/14
HL-4	SC909 - Improvements to Lower Gwynne Run Interceptor - Phase II From Franklin Street to Baltimore Street	SC 909 - Improvements to Lower Gwynne Run Interceptor - Phase II From Franklin Street to Baltimore Street - microtunneling project	7/26/2013 (A)	11/18/16 (A)	11/18/16 (P)	The contract was advertised on 7/26/13. Lowest bidder is Blackview Construction. Contract was awarded on 3/19/14 and NTP issued on 6/23/14. Project completed.
HL-5	SC933 - High Level Interceptor Clearing	SC 933 - clearing of the High Level Interceptor	7/26/2013 (A)	4/30/2017	4/30/2018	The contract was advertised on 7/26/13. Lowest bidder is Video Pipe Services Construction. Due to an unbalanced bid, the contract will be awarded to the second lowest bidder Proven Management. Award date is 4/23/14 and NTP issue date is 7/30/14
HL-6	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)	6/4/2016 (A)	6/30/2016	The contract was advertised on 10/11/13. Lowest bidder is Scripps. Contract was awarded on 3/16/14 and NTP issued on 6/21/14. Project completed.
HL-1	SC911 - Herring Run Sewer Improvement	SC 911 - Repair and rehabilitation of sanitary sewer and manholes in the Herring Run Sewershed.	6/16/2013 (A)	6/18/2016	6/18/2017	The contract was advertised on 6/16/13. Lowest bidder is A44 Lines East. Contract was awarded on 2/5/14 and NTP issued on 5/14/14
HL-2	SC908 - Herring Run Sewer Improvement	SC 908 - Repair and rehabilitation of sanitary sewer and manholes in the Herring Run Sewershed	6/16/2013 (A)	6/23/2016	6/23/2017	The contract was advertised on 6/16/13. Lowest bidder is Anchor Construction. Due to issues with HBS/WEB AMR Contract was awarded to the second lowest bidder AMR East. Contract was awarded on 2/27/14 and NTP issued on 5/11/14
HL-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)	12/30/2016	12/30/2017	The contract was advertised on 10/11/13. Lowest bidder is Inland Construction. Contract was awarded on 1/29/14 and NTP issued on 4/21/14
HL-4	SC907 - Improvements to Sanitary Sewers in HR07A and along Chesterfield Avenue in Herring Run Sewershed	Improvements to Sanitary Sewers in HR07A and along Chesterfield Avenue in Herring Run Sewershed	7/17/2013 (A)	12/14/2017	12/14/2018	The contract was advertised on 7/17/2013. Bid opening is 9/15/2015 and awarded to SAK
LL-1	SC929H - Low Level Interceptor Clearing	SC 929H - clearing of the Low Level Interceptor	1/31/2014 (P)	12/31/16 (A)	12/31/2016	The contract was advertised on August 19, 2013. Lowest bidder is Video Pipe Services Construction. Due to unbalanced bids, this contract was re-advertised on 2/7/14. Lowest bidder is Video Pipe Services Construction. Award date is 7/23/14. NTP issued on 10/1/2014. Project completed.
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)	10/8/2015	10/7/2016	The contract was advertised on 9/20/13. The lowest bidder is Metra. Contract was awarded on 2/12/14 and NTP issued on 4/17/14
LL-3	SC912 - Eastern Region High Level	SC 912 - Repair and rehabilitation of sanitary sewer and manholes in the Eastern Region of the Low Level Sewershed.	9/20/2013 (A)	9/30/2016	5/30/2019	The contract was advertised on 9/20/13. The lowest bidder is Instabform. Contract awarded on 1/15/14 and NTP issued on 3/7/14
LL-4	SC914 - Improvements to Sanitary Sewers in Low Level Sewershed	SC 914 - Improvements to Sanitary Sewers in Low Level Sewershed	4/26/2015 (A)	6/26/2018	6/26/2019	The contract was advertised on 6/26/2015. Bid opening is 7/29/2015.

Note: Shaded date cells indicate completion.

STATUS OF PARAGRAPH 9 CONSTRUCTION PROJECTS
As of June 30, 2016

Gwynns Falls Sewershed						
GF-1	SC 920 - South Area Gwynns Falls	SC 920 - Improvements to the Gwynns Falls Sewershed Collection System - Area A	6/6/2014 (A)	2/23/2017	2/23/2018	The contract was advertised on 6/6/14. The lowest bidder is S&K Construction. NTP was issued on 1/12/2015
GF-2	SC 939R - Madeline Choice Pressure Sewer Inspection and Uplands Sewer Rehab	SC 939R - Madeline Choice Pressure Sewer Inspection and Uplands Sewer Rehab	6/26/2015 (A)	TBD (P)	TBD (P)	The contract was advertised on 6/26/2015. Bid opening is 7/29/2015. Bid is rejected, completion date TBD.
DD-1	SC 902 - Sewer Rehab in the Dundalk	SC 902 - Sewer Rehab in the Dundalk Sewershed	3/6/2015 (A)	6/30/2017	6/30/2018	The contract was advertised on 3/6/15. Bid opening is 4/6/2015. The lowest bidder is Spence NTP will be issued on 10/14/2015
PA-1	SC 903 - Sewer Rehab in the Palapasco Sewershed	SC 903 - Sewer Rehab in the Palapasco Sewershed	7/24/2015 (A)	8/31/2018	9/31/2019	The contract was advertised on 7/24/2015. Bid opening is 8/26/2015

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

Note: Shaded date cells indicate completion.

APPENDIX 3

LIST OF ILLEGAL CONNECTIONS



APPENDIX 4

**PUMPING STATION
WORK ORDERS**



Co. No.	Area	Machine No.	Machine Description	WO No.	Flar No.	Flar Code	Short Problem Description	Full Problem Description	Craft No.	Req. Code	WO Issue Date	WO Issue Date	WO Issue Date
11	LEHL	951125	CLIMBER ST. FRESH MAIN	25	4	MR	13 81374	PERM-AUTEMO WEITING W/DM VIB	BY	PCBC	20121219	MSL	
Total * PENS & Work Orders:													
1001													
Area & Work Orders:													
CUMH 1													
PUMPING ST													
		0601W 951000	FACILITY DOROUGH W PUMPING	25	3		14 80991	RODS/ REPAIR ROOF LEAK (E stielperc 64972	CS	1806	20131023	W10	
		0601W 951000	FACILITY DOROUGH W PUMPING	25	30		12 80842	BLDS-WAC REPAIRS TO WND IN BACK OF BLD. Sullivan 6-4972	UC	1806	20130913	W09	
		0601W 95301	WAKE AIR RETURNING U1	25	30		16 81130	RODS/REPAIRS-REPLACE PRESSD VALVE	TC		20151123	W15	
		0601W 951000	FACILITY DOROUGH W PUMPING	25	4		13 82703	RODS/ REPAIR LEAK IN ROOF ROOM stielperc 64972	CS	03	20130611	W09	
		0601W 951000	FACILITY DOROUGH W PUMPING	25	4		15 80870	BLDS-BUILD STILES FRESH MAIN TO FRESH WORKING DRUMMILL EASTER. RECD BY M. HENNES. 63701	WH		20141004	W09	
		0601W 95701	FURNITURE DRAWING WATER	25	4		15 80749	RODS/ REPAIR ROOF LEAKS - see Chris stielperc 64972	CS		20150520	W15	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	4		15 82654	RODS/WA-REPAIR OR REPLACE cooler	WJ		20150628	W15	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	30		15 81057	RODS/REPAIR/REPLACE WIND STIELPER 64972	CS		20150105	W15	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	30		16 82143	RODS/REPAIR ROOF WIND ROOM (Leak over Gas unit) stielperc 64972	CS		20160314	W10	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	4		14 81687	RODS/ REPAIR FROZEN LOCK on back door stielperc 64972	CS		20140114	W09	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	4		14 81850	BLDS-WAC LEAKING DRAIN EL EQUIPMENT	WJ		20140720	W09	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	4		14 82463	RODS/ REPAIR FLUSH VALVE toilet (leaking) stielperc 64972	CS		20140512	W71	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	4		15 81041	FLDS-SCAPE AND PAINT STA PUMP ROOM	CC		20150105	W26	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	4		15 81042	W DRAINAGE TEST	CC		20150105	W26	
		0601W 941000	FACILITY DOROUGH W PUMPING	25	4		15 81652	RODS-PAINT STATION FRONT. scrape and paint W Johnson 6-5194	WJ		20150307	W26	
		0601W 94700A	FURNITURE WATER	25	4		15 81871	RODS- INSPECT ROOF LEAK IN W. JARVIS 6-4972	WJ		20150311	W10	
		0601W 94700A	FURNITURE WATER	25	4		15 82454	BLDS/WA-REPAIR OR REPLACE cooler	WJ		20150126	W15	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	2		15 81840	RODS-WAC DRAIN AT PUMP P50 BY C. STIELPER 6-4972	CS		20150306	W35	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		13 82260	RODS-CARBY HUMIDUS IN CO Sullivan 6-4972	CS		20130501	W09	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		15 80921	BLDS-PUMP-TUBJECT LEAKING. SEE BY A. HANTRON JR	RRJ		20140924	W10	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		15 81072	RODS/ REPAIR SCREEN ROOM STIELPER 64972	CS		20141110	W09	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		15 81072	RODS/ REPAIR WASHED CELL. ALL OFFICES STIELPER 64972	CS		20141114	W15	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		15 81033	RODS/REPLACE ROOF CLUSING stielperc 64972	CS		20151125	W09	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		15 81631	RODS/SCREEN PAINT SCREEN stielperc 64972	WJ		20151029	W24	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		16 81106	RODS-FIX GLASS ON FRONT O W Johnson 6-4972	WJ		20151108	W28	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		16 82137	RODS-REPLACE WATER FURNITURE WIND. AT ALL. FURNITURE HAS BULL HORNED LAMP OVER A YEAR	WJ		20160310	W15	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	30		16 82156	RODS/ REPLACE CUTTING TIL 1st flr office stielperc	WJ		20160310	W15	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	4		15 81677	RODS/ REPAIR WATER FOUNT stielperc 64972	CS		20160425	W15	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	4		14 87498	RODS-REPAIR LEAKING SEEDBOX FLD BY C. STIELPER	CS		20150106	W09	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	4		15 80004	RODS/ REPAIR SCREEN ROOM see chris 64972	CS		20140530	W15	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	4		15 80070	RODS/ WACLOG DRAIN LINE C stielperc 64972	CS		20140723	W24	
		EASTER 911203	AUTOD. SEWAGE PUMP #3	25	4		15 80970	RODS- PAINT. OFFICE WALLS. stielperc 64972	CS		20140530	W15	
		EASTER 911204	WINDS. SEWAGE PUMP #4	25	4		15 81867	RODS/ REPAIR ROOF SCREEN stielperc 64972	CS		20140530	W15	
		EASTER 911205	WINDS. SEWAGE PUMP #5	25	4		15 81868	RODS-PAINT. PUMP MOTOR AND WJ	WJ		20150310	W24	
		EASTER 911818	FURNITURE WATER	25	4		15 81631	RODS-PAINT PUMP MOTOR AND WJ	WJ		20150310	W24	
		EASTER 911818	FURNITURE WATER	25	4		15 82553	RODS/WA-REPAIR OR REPLACE cooler	WJ		20150310	W24	
		EASTER 911600	BUILDING GEN. GENERATOR	25	4		16 80002	RODS-LIN WATER PRESSURE. W. JARVIS 6-4972	WJ		20150626	W15	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	4		16 81371	RODS-REPAIR INSIDE WALL SEE WENDALL FODDER	WJ		20151207	W09	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	4		16 81675	RODS-REPAIR VALVE IN ER. WILL RISE FLUSH	WJ		20160106	W09	
		EASTER 911000	FACILITY EASTERN AVERAGE	25	4		16 82132	RODS-WELDED DRAIN AT T leading to wet well	WJ		20160311	W35	

Combined Drilling Report
CR's & MD's
Back River, E.A. Misc.

ID:----> BRCDLDC
as of 05/02/16
Status: 10.A ZS

Co. No.	Area	Loc. No.	Machine No.	Machine Description	UOI	Plar Code	UOI Code	Plar Number	Start Problem Description	Full Problem Description	Ref. Code	By	Issue Date	UOI	Stat
11	PUMPING ST	EASTER	911000	FACILITY, EASTERN AVE	25	4	16	02316	BLESS-NEEDED THE BELT... FOR A AND ALTERNATE... THE PLANKS SHOULD BE 2'X12'X8. 1/4 IN.		RLDC		20160427	468	
			920012	METER OVERDRIVE LEVEL	25	30	14	02473	BLDG-CARP- MAKE OVER COVER REQ BY R MARTIN JR		RDJ		20140516	408	
			921000	FACILITY, JONES FALLS	25	30	14	02481	BLDG/REPAIR HUBSE ON OFF STEELPER 64972		CS		20140522	415	
			920091	PLC/ADMAL CONTROL STATION	25	30	15	02341	BLDG-INSTBALL INTRUDER TO A REQ BY C STEELPER		CS		20150519	448	
			921000	FACILITY, JONES FALLS	25	4	13	01912	BLDG/REPAIR FRUIT PUMP TO STEELPER 64972		CS		20130327	408	
			921000	FACILITY, JONES FALLS	25	4	14	02790	BLDG REPAIR ROOF LEAK C Cool Pipe J Steelper 64972		CS		20131021	418	
			921000	FACILITY, JONES FALLS	25	4	14	02472	BLDG/REPAIR OFFICE WINDOW STEELPER 64972		CS		20140523	415	
			921000	FACILITY, JONES FALLS	25	4	15	02652	BLDG/WH-REPAIR OR REPLACE WATER COOLER		UJ		20150626	415	
			921000	FACILITY, JONES FALLS	25	4	16	00487	BLDG-REPLACE LARGE PUMP IN bathroom		UJ		20150818	415	
			921000	FACILITY, JONES FALLS	25	4	16	01311	BLDG-REPAIR TOILET BOWL IN H Johnson 6-4972		UJ		20151202	415	
			921000	FACILITY, JONES FALLS	25	4	16	02154	BLDG-PAINT FIRST FLOOR H Johnson 6-4972		UJ		20160323	424	
			921000	FACILITY, LUDIST POINT	25	30	12	00038	BLDG-CORNER BLOCKS APART door frame. Sullivan 6-4972		US		20110913	400	
			921000	FACILITY, LUDIST POINT	25	4	14	02487	BLDG/REPLACE TOILET (C) STEELPER 64972		CS		20140530	415	
			922000	FACILITY, LUDIST POINT	25	4	16	00046	BLDG-TOURNIA WATER/OZONE H Johnson 6-4972		UJ		20150708	415	
			922000	FACILITY, LUDIST POINT	25	30	16	00009	BLDG-1ST FLOOR DRINK CLOG REQ BY C STEELPER		CS		20150709	415	
			923001	TRAP, AIR RECEIVER	25	30	16	01104	BLDG-REPAIR TRAP FROM TO L. PANE FLAT. HAS BEEN PAINTED OVER AND IMPROVABLE.		UJ		20151105	424	
			925006	FOUNTAIN WATER	25	4	15	02657	BLDG/WH-REPAIR OR REPLACE COOLER		UJ		20150626	415	
			921000	FACILITY, WESTPORT	25	4	13	00582	BLDG-DRY SPINDS REQ REP STEELPER C 64972		CS		20120828	408	
			921000	FACILITY, WESTPORT	25	4	15	02655	BLDG/WH-REPAIR OR REPLACE COOLER		UJ		20150626	415	
Total w BLDG n Work Orders: 61															
08KLVH	953101	SCREEN, MECHANICAL BAR	25	30	16	02371			ELCP/RESTORE AUTO FUNCTI working) steelper 64972		CS		20160421	421	
CAROL	955303	PUMP, STATION DRINK 13	25	4	16	01716			ELCP-ASSIST VERGE WITH REQ BY J HARDEY 6-9700		JCH		20160119	421	
CLINT	991121	FACILITY, CLINTON STA. 01	25	30	15	00465			ELCP/MOPS/STORN-HO POME REQ BY J HARDEY 6-9748		JCH		20140915	410	
CULGRI	949202	ROTOR, STORN DRINK PUMP	25	4	12	00554			ELCP/ELCP-REPLACE BEARING requester P stilton 6-9752		RLS		20110824	415	
CULGRI	949202	ROTOR, STORN DRINK PUMP	25	4	14	00552			ELCP/INVESTIGATE PUMP L. steelper 64972		CS		20130808	421	
CULGRI	949201	ROTOR, STORN DRINK PUMP	25	4	14	00528			ELCP/ASSIST CONTRACTOR removal steelper 64972		CS		20130812	407	
0000AL	949205	LIGHTS EMERGENCY	25	4	14	02491			ELCP-REPAIR LIGHT REQ 6-9748		JCH		20140610	428	
0000AL	941201	ROTOR, SEARGE PUMP 01	25	2	16	01891			ELCP/ MOPS- REPLACE REQ steelper 64972		CS		20160216	473	
0000AL	946624	PANEL, SEAL WATER STS PRES	25	4	16	01891			ELCP/ MOPS- REPLACE REQ steelper 64972		CS		20160216	473	
0000AL	949018	HEATER, UNIT(PUMP ROT) 55U	25	4	15	02336			ELCP/ MOPS- REPLACE REQ steelper 64972		CS		20150512	415	
0000AL	947413	HEATER, UNIT(PUMP ROT) 55U	25	4	15	02338			ELCP/ MOPS- REPLACE REQ steelper 64972		CS		20150512	415	
0000AL	941000	FACILITY, DORNBAL PUMPING	25	4	16	01724			ELCP-INSTALL EXPLOSION P REQ BY RDJ PER ELLIOTT VILUP		RDJ		20160129	421	
0000AL	941000	FACILITY, DORNBAL PUMPING	25	4	16	01880			ELCP-REPLACE HEATER REQ BY J HARDEY 6-9700		CS		20160314	415	
0000AL	941000	FACILITY, DORNBAL PUMPING	25	4	16	02354			ELCP/REPAIR SPARE BREAK REQ BY J HARDEY 6-9700		CS		20160406	420	
0000AL	941000	FACILITY, EASTERN AVE	25	30	12	02401			ELCP-REPLACE ALL LIGHT A station		UJ		20120228	444	
EASTER	913202	ROTOR, MGS VLSER (SEBTH)	25	30	12	03405			ELCP-REPAIR OR REPLACE P Sullivan 6-4972		CS		20120228	444	
EASTER	917101	PUMP, JUMP 01	25	30	13	01866			ELCP-TRIPPING 001 REQ BY U SULLIVAN		US		20130301	421	
EASTER	912102	VALVE, CURB 82 PUMP	25	30	13	04559			ELCP/ELCP-REPAIR ON REP Sullivan 6-4972		US		20130514	421	
EASTER	915510	FAN, EXHAUST	25	30	14	00112			ELCP-MOTOR KEYS BURNING REQ BY J HARDEY		JCH		20150512	422	
EASTER	913201	ROTOR, MGS SCREEN (HEATH)	25	30	15	01636			ELCP/REPAIR UNIT KEYS 1 on (try ret) steelper 64972		CS		20150710	421	
EASTER	916710	VALVE, CU-10 GATE(VAULT "C")	25	30	16	00416			ELCP/REPAIR UNIT KEYS 1 on (try ret) steelper 64972		CS		20150831	421	
EASTER	916709	VALVE, CU-9 GATE(VAULT "C")	25	30	16	00639			ELCP/REPAIR OR REPLACE U C (HSA not working) steelper 64972		CS		20150902	421	
EASTER	916709	VALVE, CU-9 GATE(VAULT "C")	25	30	16	00640			ELCP/REPAIR OR REPLACE VAL (HEA not working) steelper 64972		CS		20150902	421	
EASTER	916701	VALVE, CU-10 GATE(VAULT "C")	25	30	16	00642			ELCP/REPAIR OR REPLACE VAL (HEA not working) steelper 64972		CS		20150902	421	
EASTER	916511	SWITCH, POWER "C" AND	25	30	16	00643			ELCP/REPAIR REDUCE VOLT panel c switches do not work		CS		20150902	415	

05/02/16 10:41:39

Continued Backlog Report
 CN's & RD's
 Park River, PS & DS

ID:-----> DRACKLDC
 as of 05/02/16
 Station ID R.E.

Co No	Area	Machine	Asstline Description	Wt	Plar	Sts	Frta	Code	W/P	Number	Start Problem Description	Full Problem Description	Req. Code	By	Issued Date	Wrt Sit
No		Number			Code	Code										
11	PUMPING ST	EASIER 911000	FACILITY, EASTERN AVERAGE	25	30	16.08544					ELCPS/ REPAIR VALVE OPERA OVER, unit has not working 3 stielper 6-9772		CS	ELCPS	20150902	W1
		EASIER 913100	SCREEN, DARK (SOUTH)	25	30	16.08196					ELCPS/MOPIS REPAIR OVER ST 18 storm		UJ		20160225	W1S
		EASIER 910100	ACTUATOR, SEWAGE - FRM	25	30	16.02355					ELCPS/REACT TRIPPED BREAK 152 bar tripped stielper 6-9772		CS	CS	20160413	W22
		EASIER 916500	FAN, ELECTRIC OPERATOR	25	30	16.02356					ELCPS/CHECK BREAKER 152 stielper 6-9772		CS	CS	20160413	W22
		EASIER 916700	VALVE, SW-8 GATE(VOL1100)	25	30	16.02367					ELCPS/ VERIFY POWER TO DE stielper 6-9772		CS	CS	20160420	W1S
		EASIER 916700	VALVE, SW-9 GATE(VOL1100)	25	30	16.02368					ELCPS/VERIFY POWER TO DE stielper 6-9772		CS	CS	20160420	W1S
		EASIER 916900	VALVE, SW-10 GATE(VOL1100)	25	30	16.02369					ELCPS/ VERIFY POWER TO DE stielper 6-9772		CS	CS	20160420	W1S
		EASIER 913101	SCREEN, DARK (NORTH)	25	4	12.01325					ELCPS/REPAIR ELECTRIC OPE stielper 6-9772		CS	CS	20160420	W1S
		EASIER 913101	VALVE, SW-1 GATE(VOL1100)	25	4	13.00024					ELCPS/ASSIST TECH WITH R MARKS 6-9710		CS	CS	20160420	W1S
		EASIER 913101	SCREEN, DARK (NORTH)	25	4	13.00246					ELCPS/CHECK FOR FAN PROBE - DRAINING STOP see stielper 6-9772		UJ	UJ	20170719	W1S
		EASIER 911000	FACILITY, EASTERN AVERAGE	25	4	13.01601					ELCPS/INVESTIGATE TRIP CU system pressure alarm (fire marshall) stielper 6-9772		CS	CS	20170812	W19
		EASIER 916501	STARTER, UNIT 02, MOTOR	25	4	13.01610					ELCPS-REPLACE VACUUM COIL reposition r Slagton 6-9748		CS	CS	20170719	W1S
		EASIER 916504	FAN SUPPLY	25	4	13.02447					ELCPS-ASSIST TECH REQ BY		UJ	UJ	20190521	W21
		EASIER 912406	HEAVEN, UNIT 14	25	4	14.02021					ELCPS-REPLACE MOTOR TRIPS REO BY C STIELPER		CS	CS	20130724	W1S
		EASIER 916401	ENTER, CONTROL CENTER (NCR)	25	4	14.02703					ELCPS-REPAIR HEATING UNIT Unit working 3 stielper 6-9772		CS	CS	20130724	W1S
		EASIER 916401	MOTOR, CONTROL CENTER (NCR)	25	4	15.00951					ELCPS-REPAIR HEAT BREAKERS PER. BY J. HARRICK 6-9748		CS	CS	20140120	W21
		EASIER 910035	PROBE, WABIT FLOOD	25	4	15.01642					ELCPS-REPAIR REPAIR KEY A REO BY J. HARRICK 6-9748		JCA	JCA	20141031	W21
		EASIER 911000	FACILITY, EASTERN AVERAGE	25	4	16.00249					ELCPS/ RESTORE MAIN POWER (no alarm) stielper 6-9772		JCA	JCA	20150223	W1S
		EASIER 911000	FACILITY, EASTERN AVERAGE	25	4	16.01319					ELCPS-REPLACE LIGHTS IN P EXHAUST 13 light are out		UJ	UJ	20151214	W20
		EASIER 913201	MOTOR, DARK SCREEN (NORTH)	25	4	16.01705					ELCPS-REPLACE WALLWAY LIG H Johnson 6-9772		UJ	UJ	20160111	W20
		EASIER 911000	FACILITY, EASTERN AVERAGE	25	4	16.01894					ELCPS-SOME UNIT TRIPPED H power stielper 6-9772		CS	CS	20160208	W21
		EASIER 913102	SCREEN, DARK (SOUTH)	25	4	16.01897					ELCPS-ORDER WALLWAY LIGHTS REO BY J. HARRICK 6-9700		JCA	JCA	20160225	W19
		EASIER 911100	PUMP, SEWAGE 14	25	4	16.02149					HARRYPELPS MORE NEEDED R R3 6-9733		UJ	UJ	20160316	W1S
		EASIER 911100	FACILITY, EASTERN AVERAGE	25	4	16.02150					HARRYPELPS- MAKE REPAIRS assembly		OIS	OIS	20160310	W1S
		EASIER 912906	PUMP VACUUM 16	25	4	16.02150					ELCPS-REPLACE BALL LIGHTS around site exterior of building		PJ	PJ	20160331	W20
		EASIER 911000	FACILITY, EASTERN AVERAGE	25	4	16.02170					HARRYPELPS-REPAIR VACUUM TUB, IT JUST BUMS		UJ	UJ	20160410	W20
		EASIER 916501	FAN, ELECTRIC OPERATOR	25	4	16.02344					ELCPS-REPLACE BREAKER COILUP H Johnson 6-9772		UJ	UJ	20160410	W20
		EASIER 915201	FAH EXHAUST 11	25	4	16.02370					HARRYPELPS-REPAIR FAN CLOSD stielper 6-9772		UJ	UJ	20160410	W21
		HILAND 946902	FAN, WABIN CIRCUIT	25	30	12.91522					HARRYPELPS-REPAIR PUMP - Conlogged J 6-9772		UJ	UJ	20160410	W22
		HILAND 941000	FACILITY, HERRARDTOWN	25	30	13.02235					ELCPS/ CHECK REPAIR FOR PUMP stielper 6-9772		CS	CS	20160420	W21
		HILAND 941001	GENERATOR, EMERGENCY SET	25	30	13.02235					ELCPS/REPAIR STARTER Sullivan 6-9772		CS	CS	20160421	W25
		HILAND 945301	PUMP, SEWAGE	25	4	13.01851					ELCPS/REPLACE GEN BATTERY stielper 6-9772		CS	CS	20170124	W1S
		JF 921101	PUMP, SEWAGE 01	25	30	13.00017					HARRYPELPS/REPAIR PUMP A stielper 6-9772		CS	CS	20160420	W21
		JF 921102	PUMP, SEWAGE 02	25	30	13.00018					ELCPS- PUMP SHEDDING FAULT, Sullivan 6-9772		CS	CS	20160421	W25
		JF 921203	MOTOR, SEWAGE PUMP 03	25	30	13.01270					ELCPS- REELECTRICAL CHANGE OF - still not make repairs. Sullivan 6-9772		CS	CS	20170124	W1S
		JF 921000	FACILITY, JONES FALLS	25	30	15.01056					ELCPS/CHECK MOTOR FOR PWR. STIELPER 6-9772 OPER TEMP SEND		UJ	UJ	20150105	W1S
		JF 924201	MOTOR, DARK SCREEN	25	4	14.00542					ELCPS-REPLACE GENERATOR. Dark Room into pump room stielper 6-9772		CS	CS	20150105	W1S
		JF 928104	FAN, STARTER ALARM	25	4	14.02482					ELCPS-REPLACE LIGHTS TO DR REQUESTER R Slagton 6-9748		UJ	UJ	20150922	W1S
		JF 924501	SCREEN, DARK (LICKING CLEM)	25	4	16.01117					ELCPS-NO POWER TO SCREEN - 67948 - Month		UJ	UJ	20160201	W21
		JF 923303	PUMP, SEWAGE H (SOUTH)	25	4	16.02700					ELCPS/OPER- RELOCATE THE Cent Bar from operating levels. stielper 6-9772		CS	CS	20151116	W41
		LDPO 987402	HEATER, UNIT	25	4	16.02700					ELCPS/REPLACE RESISTOR. BLACK CODE apart from motor		UJ	UJ	20160111	W1S
		LDPO 985101	MOTOR, SEWAGE PUMP 0	25	4	13.00939					ELCPS/ RESISTOR AUTO TRIP STIELPER 6-9772		CS	CS	20150429	W1S
		MCSE 975102	PUMP, SEWAGE 02	25	4	16.02363					ELCPS- UNIT NOT WORKING I usually Sullivan 6-9772		UJ	UJ	20171130	W23
		RDND 927401	FAN, DARK SCREEN, LIGHT	25	30	12.80151					REPAIRS - CHECK A PUMP KEEP L H JOHNSON 6-9772		KX	KX	20160410	W1S
		RDND 102100	SWITCH, WATER	25	30	13.00979					ELCPS/CHECK FOR OPERATION stielper 6-9772		CS	CS	20170712	W1S
				25	30	13.01879					ELCPS-REPLACE SCREEN - IN REO BY J. HARRICK 6-9748		JCA	JCA	20171030	W22
				25	30						ELCPS-REPLACE TIRWAY SOUTH Sullivan 6-9772		UJ	UJ	20190312	W1S

Co. No.	Area	Loc.	Reclaim Number	Reclaim Description	HD Sls.	Flar Code	Flar Number	Short Problem Description	Full Problem Description	Req. Uq.	Crft Code	MO Issue Date	Wkr Sht Issue Date
11	PUMPING ST	0900	931221	WFO #1 PUMP	25	30	15.82016	IMPS-CHECK B3 WEIGHING W Johnson 6-9722		HA	ELPS	20150415	W25
		0900	931202	WFO #2 SEWAGE PUMP(SUM)	25	4	13.00571	ELPS-LEAK REPAIRS TO HOT REQUESTER R slayton 6-9752		RLS		20120822	W73
		0900	931211	WFO #1 PUMP	25	4	13.00643	ELPS-LEAK REPAIRS TO HOT JOB 2625 REQUESTER R slayton 6-9748		RLS		20121011	W15
		0900	931201	WFO #1 SEWAGE PUMP(SUM)	25	4	13.00687	ELPS-IMPERFECT COUSE FOR stielper 6-9722		CS		20121102	W41
		0900	935501	LITCHY PUMP, EMERGENCY	25	4	13.81915	ELPS-REPAIR/REPLACE FIKT PER UV J HARVEY 6-9748		JCH		20130401	W70
		0900	932302	OPERATOR #2 PUMP COME W/L	25	4	14.82430	ELPS/MCHPS-REPAIR UPSTREAM CORRECTIVE stielper 7-9772		CS		20140473	W15
		0900	934103	FOR ELEC-3 WASH TUBER EXHAUST	25	4	15.80001	W0-ELPS-REPAIR DAMAGED W stielper 6-9772		CS		20150516	W15
			905280	FACILITY, PTER SIX	25	4	12.83332	ELPS/INSPECT FLOODS FOR stielper 6-9772		CS		20110614	W41
		STORM	991134	PUMP, RAW SEWAGE #4 W/ROTU	25	30	11.83155	ELPS-IMPAIRS SEAL LEAK F operable. Sullivan 6-9772		US		20110614	W41
		STORM	991133	PUMP, RAW SEWAGE #3 W/ROTU	25	30	12.80633	ELPS-SEAL LEAK FAMIL IN basin. Informad. Sullivan 6-9772		US		20110614	W41
		STORM	991167	PANEL, WFO CONTROL #1(ESP)	25	30	15.87015	IMPS/ELPS-REPAIR FAULT (F-8 over temp) stielper 6-9772		CS		20150416	W15
		STORM	991167	PANEL, WFO CONTROL #1(ESP)	25	30	15.87016	IMPS/ELPS-REPAIR FAULT (F-8 over temp) stielper 6-9772		CS		20150416	W15
		STORM	991127	PUMP, SURE #1	25	4	12.81210	ELPS-REPAIR FILTR. PER BY C. stielper		CS		20111014	W15
		STORM	991133	PUMP, RAW SEWAGE #1 W/ROTU	25	4	12.82349	ELPS-FIB REPAIRS TO PUMP REQUESTER R slayton 6-9752		RLS		20120209	W74
		STORM	991133	PUMP, RAW SEWAGE #3 W/ROTU	25	4	13.80034	ELPS-LEAK REPAIRS ON ROO serial 0 153784-2 REQUESTER R slayton 6-9700		RLS		20120730	W73
		STORM	991135	GENERATOR, EMERGENCY, SET	25	4	16.80657	ELPS-CHECK SET, LUM, WRT, u. Johnson 6-9772		HA		20150916	W41
		STORM	991135	PUMP, WET WELL SUMP (UNIT)	25	4	16.80641	ELPS/MCHPS- REPAIR PUMP (clogged) stielper 6-9772		CS		20150921	W15

Total # ELPS & Work Orders:
 COUNT 94

CLEARL 149702	MOTOR, STORM DRAIN PUMP	25	4	12.80554	2	ELEC/ELPS-REPAIR LEAKIN REQUESTER R slayton 6-9752	RLS	ELEC	20110624	W15
EASTER 912302	CRANE, OVERHULL (S TOR)	25	3	13.80570		ELEC. - WORKEN ELECTRIC C IL UNIT	HA		20120921	W71
EASTER 915510	FAN, EXHAUST	25	30	14.80012	1	W0/ELPS/REPAIR UNIT WEP stielper 6-9772	CS	CS	20130717	W21
EASTER 911000	FACILITY, EASTERN AVERAGE	25	4	12.81811		ELEC-REPAIR PUMP, LUM, IL -410-3964972-stielper	CS		20111212	W44
EASTER 911000	FACILITY, EASTERN AVERAGE	25	4	14.2	1	ELEC-IMVESTIGATE POSSIBLE A wall shell wall mounted heater/chris 6-9772	CS		20120124	W22
HILDARD 910000	FACILITY, HICHERWOOD	25	4	12.81895		ELEC- REPAIR PUMP LINE C 410-396-7888-no exchange stielper 6-9772	CS		20120103	W44
JF 921000	FACILITY, JAMES FALLS	25	4	11.81548		ELEC- IMPECT PHONE JACK office stielper 6-9772	CS		20101109	W44
JF 921000	FACILITY, JAMES FALLS	25	4	11.81551		ELEC-VERIZON TO CHECK FMO stielper 6-9772	CS		20110411	W44
RAND 937138	SYSTEM, SCOR	25	4	11.80355	1	REPAIR RESTORE COMMUNIC stielper 6-9772	CS		20100722	W44
RAND 102100	SWITCH, MAIN	25	4	12.80185		ELEC-REPLACE MEDIUM VOLT AL quad we ear Jsky transforme	RLS		20110721	W22
HSPFT 921000	FACILITY, WESTPORT	25	4	12.82734		ELEC-VERIZON TO STATION communication line 410 396-7514---stielper 6-9772	CS		20120321	W44

Total # ELEC & Work Orders:
 COUNT 11

CARDL 905280	FACILITY, CAROLINE ST. P. S.	25	30	6.8045		GRDS / VAC CON. TO CLEAN stielper 6-9772	CS	GRDS	20150910	W45
CARDL 905300	FACILITY, CAROLINE ST. P. S.	25	30	16.80893		GRDS / VAC TRUCK TO CLEAN stielper 6-9772	CS		20151006	W45
CARDL 905302	PUMP, STORM DRAIN #2	25	4	16.80875		GRDS-REPOSITION PUMP TO S KEY KEITH HARVOR. PER BY J. HARVEY 6-9748	JCH		20151005	W34
DUNBAR 151000	FACILITY, DUNBAR, PUMPING	25	4	16.81877		GRDS-ROOM TRUCK, RECD. TO JO STATION. REQ. BY H. HODGES 6-9733	WH		20140208	W34
EASTER 919034	BUMPSTER, (NORTH)	25	30	15.87070		GRDS-HEED VAC-ALL TRUCK westport screen room dumpster(dumpter full)	WJ		20150421	W15
EASTER 911104	PUMP, SEWAGE #4	25	4	16.80826		GRDS-ROOM TRUCK TO DELIVE EMERLY TO EASTERN ARE P S DUE DATE OF 7/22/15-REQ. BY H. HODGES	WH		20150721	W34

Total # GRDS & Work Orders:
 COUNT 6

HARLEY 955301	FAN, BA EXHAUST (DR ROOF TO	25	4	15.81029		HA-REPLACE IBLI PER BY J. HARVEY 6-9748	JCH	HA	20141124	W44
JACKEN 957701	TOWER (NTH, DRIVING WATER	25	4	15.82464	2	RLD/H0-REPAIR OR REPLACE cooler	WJ		20150626	W15
RAND 98560	AIR CONDITONER, (NORTH)	25	30	15.82366		A /REPLACE AC UNIT (ELEC) stielper 6-9772	CS		20150518	W15
CARDL 985003	AIR CONDITONER, (NORTH)	25	30	16.80378		HA/ REPLACE A/C UNIT C HO stielper 6-9772	CS		20150804	W15

0% & 000's

as of 05/02/16

Status: 10 & 25

Co. No.	Area	Locker	Locker Number	Description	Qty	Plat Code	Plat Number	Short Problem Description	Full Problem Description	Req. Code	MD Issue Date	Wrt Slt
11	PUMPHOUSE	917507	25	FAN LE-4 EXHAUST (ROBE)	25	30	16.80020	NO-INT WORKING NO AIR	stielperc 6-4972	CS	20150715	MIS
		947603	25	FOUNTAIN WATER	25	4	15.82656	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		915509	25	FAN EXHAUST (EAST)	25	30	14.80009	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150717	MIS
		915510	25	FAN EXHAUST	25	30	14.80012	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150717	MIS
		915417	25	AIR HANDLING UNIT AND CH	25	30	16.80389	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150811	MIS
		915503	25	FAN EXHAUST	25	4	13.82715	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150618	MIS
		915404	25	HEATER UNIT (PUMP)	25	4	13.82772	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150618	MIS
		915413	25	HEATER UNIT #1	25	4	14.81618	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150618	MIS
		915414	25	HEATER UNIT #2	25	4	14.81619	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150618	MIS
		915415	25	HEATER UNIT #3 (ROB)	25	4	14.81619	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150618	MIS
		911818	25	FOUNTAIN WATER	25	4	15.81429	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150715	MIS
		911000	25	FACILITY FASTEN WARE	25	4	15.82653	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		919493	25	MACHINE ICE Melters	25	4	15.82670	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150630	MIS
		915101	25	GOLLER #1	25	4	16.80073	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		915201	25	PUMP RECIRC. #1 (GOLLER)	25	4	16.80082	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		915501	25	FAN EXHAUST #1	25	4	16.81889	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		924702	25	FOUNTAIN WATER COOLER	25	4	16.82322	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		985000	25	FACILITY LOCUST POIN	25	4	15.82652	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		976901	25	FOUNTAIN WATER	25	4	16.80006	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		935806	25	FOUNTAIN WATER	25	4	16.80005	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150709	MIS
		921127	25	LIGHT ALARMING #2	25	4	15.82657	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
		971000	25	FACILITY MESTERT	25	4	15.82019	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
			25		25	4	15.82655	NO-INT REPAIR OR REPLACE	stielperc 6-4972	CS	20150626	MIS
Total # HA & Work Orders: 27												
		985301	25	PUMP STATION DRAIN #1	25	30	15.82350	ELCPS/INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150620	MIS
		985705	25	SYSTEM BUBBLER	25	30	16.81336	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20151217	MIS
		985701	25	CONTROLER, PUMP, #1	25	4	15.81484	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150207	MIS
		985710	25	CONTROLER, PUMP, #2	25	4	16.80984	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150207	MIS
		948103	25	CONTROLER, CHART, #1	25	4	16.81135	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20151124	MIS
		948103	25	CONTROLER, CHART, #2	25	4	15.82379	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150605	MIS
		948103	25	CONTROLER, CHART, #3	25	4	16.81133	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20151124	MIS
		940005	25	SYSTEM SCARA	25	30	16.82346	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20140470	MIS
		940017	25	ADAPTER, GAS	25	4	13.82654	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20130607	MIS
		940002	25	FLOW INDICATING RECORDER/	25	4	14.80577	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20130612	MIS
		940002	25	FLOW INDICATING RECORDER/	25	4	14.82194	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20130612	MIS
		940018	25	MONITOR, GAS	25	4	15.81443	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20140314	MIS
		940004	25	RECORDER, MET. WELL, BUBBLER	25	4	15.82033	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150116	MIS
		940031	25	WELL, BUBBLER #2 GAS/SCREEN	25	4	15.82034	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150614	MIS
		940006	25	RECORDER, MET. WELL, BUBBLER	25	4	15.82625	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150614	MIS
		940005	25	SYSTEM SCARA	25	4	16.81648	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150614	MIS
		910000	25	FACILITY DUMPKING PUMPING	25	4	16.82359	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150614	MIS
		919509	25	SYSTEM SCARA	25	30	15.82353	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150614	MIS
		919502	25	SYSTEM UPS	25	30	16.80458	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150614	MIS
		910017	25	COMBUSTIBLE GAS ALARM	25	4	12.80543	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20110819	MIS
		910017	25	COMBUSTIBLE GAS ALARM	25	4	13.80431	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20121004	MIS
		913102	25	SCREEN GAS (SUH)	25	4	16.80095	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20151009	MIS
		907000	25	FACILITY, FERT. MICHERY	25	30	15.82662	INSP/REPAIR INVESTIGATE	Cor Temp/our temp when running for extended time stielperc 6-4972	CS	20150629	MIS

Co. No.	Area	Loc	Machine No.	Machine Description	MT Sls	Plar Code	W/B Number	Short Problem Description	Full Problem Description	Pre. Code	Inst. Issue Date	W/B Slt
11	PUMPING ST. #		92005	CONTROLER, PROGRESSOR	25	30	15, 80291	2	INSPY/ELPS NAME REPAIRS/ BIT GREEN /PIC--STIEPER 64972	CS	20150908	W1
			92630	GENERATOR, EMERGENCY SET	25	30	16, 80414	2	INSPY/ELPS-INVESTIGATE breaker 57-6 fault 3 stieper 64972	CS	20150920	W1
			92091	PLC/LOCAL CONTROL STATION	25	30	16, 80430		INSPY/STIEPER CHECK UP FLD to control scheme stieper c 64972	CS	20150901	W3
			92092	PANEL, SUBST. 1/R	25	30	16, 80459		INSPY/STIEPER REPAIR STIEPER 64972	CS	20150924	W1
			92005	VFD 14 SEWAGE PUMP/CP4900	25	4	16, 80673		INSPY/REPAIR FAULT, MDT RED IV C. STIEPER	CS	20150925	W1
			92008	ROTOR, (WELL)	25	4	12, 81514		INSPY/INSPECT FOR PROPER stieper 64972	CS	20111123	W8
			92092	PANEL, SUBST. 1/R	25	4	14, 82472		INSPY/REPAIR STATION STIEPER 64972	CS	20140523	W1
			92002	METER OVERBOARD (LEVEL)	25	4	14, 82482		INSPY/REPLACE BAD UNIT RED IV R DRIVER JR	CS	20140523	W1
			92001	PLC/LOCAL CONTROL STATION	25	4	16, 80467		INSPY/STIEPER HACK UP FLD operating system 64972	CS	20150922	W1
			92018	PUMP, (WELL)	25	4	16, 81332		INSPY/VERIFY LEVEL REPAIR stieper 64972	CS	20151211	W1
			98400	PUMP, (WELL)	25	2	16, 80650	1	INSPY/STATION-REPLACE AIR C COOL TR. U. JOHNSON 6-4972	WJ	20150908	W9
			98509	GASOLIN, SYSTEM	25	30	16, 80036		INSPY/REPAIR OR REPLACE C COOL PRESSURE 3 stieper 64972	CS	20150127	W21
			97507	PUMP, (WELL)	25	4	13, 80470		INSPY/CHECK FOR PROPER UP REG BY R. JOHNSON JR	WJ	20150716	W41
			97507	PUMP, (WELL)	25	4	13, 81908		INSPY/REPAIR LEAK COILED stieper 64972	CS	20121003	W39
			97507	PUMP, (WELL)	25	4	16, 80023		INSPY-CHECK GAS METER ALA CLEAR.	CS	20130327	W18
			97787	PANEL, TELEPHONE	25	4	16, 80094		INSPY/VERIFY COMPACT TO SEE FANIS S. FOR FISH TYPE OUT 2 64972	CS	20151028	W15
			97507	PUMP, (WELL)	25	4	16, 81079		INSPY-CHECK GAS METER ALA OFF	WJ	20140204	W15
			93002	FLOW INDICATING RECORDER	25	4	14, 82195		INSPY/REPAIR CHART PEN NO stieper 64972	CS	20140314	W15
			92017	RELEASER, FOR SCREEN GAS	25	4	15, 81043		INSPY-RELEASE AND MOUNTING REG. BY R. JOHNSON JR	WJ	20141209	W15
			93001	MAGNETIC FLOW METER	25	4	16, 81810		INSPY-ASH ON RECORDER NOT IN JOHNSON 6-4972	WJ	20140216	W23
			93018	DETECTIVE, MET. WELL GAS	25	4	16, 82164		INSPY-REPAIR FLOW METER, NO display the atm is blowing but not recording	WJ	20140330	W21
			93167	PANEL, VFD CONTROL (KRSVP)	25	30	15, 82015	2	INSPY/MAKE NECESSARY REP (cont. working) stieper 64972	CS	20140422	W15
			93167	PANEL, VFD CONTROL (KRSVP)	25	30	15, 82016	2	INSPY/ELPS-REPAIR FAULT (F-8 over temp) stieper 64972	CS	20150416	W15
			93171	PUMP, (WELL)	25	30	15, 82468		INSPY/REPAIR FAN FAULT D (cont. run) fault on REG. 64972	CS	20150416	W15
			93174	METER, FLOW METER	25	4	12, 80847		INSPY/INSPECT FOR OPERATI stieper 64972	CS	20150622	W15
			93174	PANEL, PLC	25	4	14, 82464		INSPY/INDUOLE SHOOT PLC stieper 64972	CS	20110916	W05
			93170	RECIEVER, INCLURBIT FLOW	25	4	16, 80643		INSPY/REPLACE METER, FLD C.36 * Incoming, not reading flow 2a stieper 64972	CS	20150922	W15
			93132	PUMP, (WELL)	25	4	16, 80644		INSPY-REPLACE DISCH PRESS stieper 64972	CS	20150922	W15
			93174	PANEL, PLC	25	4	16, 80645		INSPY/REPROGRAM THE OPER stieper 64972	CS	20150922	W15
			93133	PUMP, (WELL)	25	4	16, 80646		INSPY/CLEAR FAULT ON PNL BOARD RUN 2 stieper 64972	CS	20150922	W15

Total x INSPY in Work Orders:
 6097, 54

DUMPHAL 94001 METER, FLOW TRANSMITTER 25 30 13, 80022 INST TO ORDER UP TRANSMIT FOR REPLACEMENT SEE C HELLER/R. BARTON 6-9744

Total x INST in Work Orders:
 6097, 1

60614	951000	FACILITY, BROWLH PUMPS	25	4	15, 81471		REPAIR/REPAIR HOLE IN SIDE stieper 64972	CS	20150123	W31
	919025	PUMP, (WELL)	25	4	15, 80288		REPAIR-PAUCH HOLES IN DUMP REN T WITH 6-9739	THS	20140605	W39
	919025	PUMP, (WELL)	25	4	15, 80288		REPAIR-REPAIR HOLE IN SID stieper 64972	CS	20150423	W31
	919034	PUMP, (WELL)	25	4	15, 82026		REPAIR-PAUCH HOLD IN DUMPS U JOHNSON 4-4972	WJ	20150423	W15
	913102	SCREEN, (WELL)	25	4	15, 82643		REPAIR-REPAIR WHEEL ON RUN U JOHNSON 6-4972	WJ	20150416	W15
	913101	SCREEN, (WELL)	25	4	16, 82131		REPAIR-REPAIR WHEEL, WHEEL, REPAIR, 02, 05, 07, U. JOHNSON 6-9733	WJ	20140311	W39
	92492	ORIVE, (2 BAR SCREEN)	25	4	16, 81721		REPAIR-FABRICATE NEW SHAF T RED IV R. JOHNSON 6-9733	WJ	20140227	W54
	978501	VALVE, CHECK (PUMP ROOM)	25	4	16, 82130		REPAIR-MACHINE FLANGE FOR PUMP ROOM 6-9733	WJ	20140311	W39
	935705	PUMP, (WELL)	25	4	16, 82358		REPAIR-REPAIR WHEEL, U. JOHNSON 6-9722	WJ	20140414	W39

Co. No.	Area	Loc.	Machine No.	Machine Description	HD No.	Plar No.	Short Problem Description	Full Problem Description	Req. By	Crft. ID	Iss. Date	Wk Sp. Issue	Wk Sp. Date
Total # MCHS = Work Orders													
COUNT 9													
11	PURCHASING	SI	941102	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	14.80664	2. MCHS/VELEPS-CHECK SUCTION PRESSURE - stielperc 64972	CS	MCHS	20131003	1430	
			941102	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	30	16.81376	MCHS/CHECK BEAR BOX FOR EVERY NOISES stielperc 64972	CS		20151208	1415	
			941102	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	14.82410	MCHS/INSTALL TEMPORARY IN TO STATION stielperc 64972	CS		20140402	1415	
			941102	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	30	14.81345	MCHS-REPAIR 2. SUPP. BECS BLEND PART	MJ		20151230	1452	
			941102	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	14.80810	MCHS/ INSPECT FOR PAH17 stielperc 64972	CS		20130923	1410	
			941102	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	14.81936	MCHS/ REPAIR VAC GANGES METERS-stielperc 64972	CS		20140212	1415	
			941102	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	15.81635	MCHS-PUMP OUT WATER FOR E. EST. BY H. HODAS 64972	MJ		20150210	1415	
			941104	PUMP, SEWAGE #1	25	4	15.81885	MCHS-REBUILD SPARE PUMP 64972	MJ		20150375	1477	
			941104	PUMP, SEWAGE #1	25	4	15.82040	MCHS/CHECK 14 PUMP MCHS/REPAIR	MJ		20150504	1452	
			941104	PUMP, SEWAGE #1	25	4	15.82632	2. MCHS/VELEPS-REPAIR 4220HP H. HODAS 64972	MJ		20150608	1452	
			941104	PUMP, SEWAGE #1	25	4	15.81930	MCHS/ CHECK OIL IN OILS stielperc 64972	CS		20141125	1415	
			941104	PUMP, SEWAGE #1	25	4	15.81932	MCHS/ ASSIST OPERATIONS stielperc 64972	CS		20141125	1415	
			941104	PUMP, SEWAGE #1	25	4	15.82659	MCHS-CHECK 14 PUMP CLEAR ATTENTION-ROBERT MELLILLIS	MJ		20150429	1410	
			941104	PUMP, SEWAGE #1	25	4	16.81116	MCHS/ MINIMIZE TRACTOR ATTENTION-ROBERT MELLILLIS	CS		20151113	1445	
			941104	PUMP, SEWAGE #1	25	4	16.81867	MCHS-REPAIR SCREW DRIVE CHASSEL	MJ		20160210	1415	
			941104	PUMP, SEWAGE #1	25	4	16.82149	2. MCHS/VELEPS-DRIVE NEEDLED R.S. 64972	MJ		20160314	1415	
			941104	PUMP, SEWAGE #1	25	4	16.82170	2. MCHS/VELEPS-REPAIR VACUUM PUMP, IT JUST BURS	MJ		20160404	1421	
			941104	PUMP, SEWAGE #1	25	4	16.82267	MCHS/ ADJUST PACKING CLEAR stielperc 64972	CS		20160413	1410	
			941104	PUMP, SEWAGE #1	25	4	16.82274	MCHS-REPAIR NEED EATERS. BLENDING-WILL MACHALZ	MJ		20160426	1415	
			941104	PUMP, SEWAGE #1	25	4	16.81139	MCHS-CHECK WATER SEALING WATER IS NOT GETTING TO THE MAIN PUMP PAKING	MJ		20151130	1415	
			941104	PUMP, SEWAGE #1	25	4	16.81760	2. MCHS/VELEPS-REPAIR BEARING BOX COME APART FROM MOTOR	MJ		20160111	1415	
			941104	PUMP, SEWAGE #1	25	4	16.82243	MCHS-CHECK WATER SEAL. ALARM COMES IN ALSO DARK OILY WATER COMING FROM BELOW	MJ		20160419	1415	
			941104	PUMP, SEWAGE #1	25	4	16.82341	2. MCHS-CHECK A PUMP KEEP IN CORRUPT-64972	CS		20160405	1440	
			941104	PUMP, SEWAGE #1	25	30	16.82716	2. ELOPS/MCHS- INVESTIGATE ALARM stielperc 64972	MJ		20160410	1415	
			941104	PUMP, SEWAGE #1	25	4	14.82430	2. ELOPS/MCHS-REPAIR OPERATOR CORRECTED stielperc 64972	CS		20160423	1415	
			941104	PUMP, SEWAGE #1	25	4	14.82438	MCHS/ASSIST INSPS WITH IN PIPE IN WALK-STIELPER 64972	CS		20160425	1415	
			941104	PUMP, SEWAGE #1	25	4	16.81712	MCHS/ REPAIR LEAKING VAL stielperc 64972	CS		20160114	1452	
			941104	PUMP, SEWAGE #1	25	4	15.82017	MCHS/CHECK PUMP LEAKING stielperc 64972	CS		20150416	1415	
			941104	PUMP, SEWAGE #1	25	4	14.80661	2. ELOPS/MCHS- REPAIR PUMP (clogged) stielperc 64972	CS		20150921	1435	
Total # MCHS = Work Orders													
COUNT 29													
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	13.80655	REPAIR BILL FOR 14.3142 stielperc 64972	CS	MCHS	20121010	1410	
Total # MCHS = Work Orders													
COUNT 1													
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	15.81484	2. MCHS/MCHS- INVESTIGATE C NOT WORKING IN AUTO-STIELPER 64972	CS		20150502	1421	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	30	15.82249	3. MCHS/MCHS-REPAIR 4220HP H. HODAS 64972	CS		20150506	1441	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	30	16.80878	2. MCHS- INVESTIGATE DRIVE (FOR CURRENT) stielperc 64972	CS		20151005	1441	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	30	16.80878	MCHS/ RESTORE COMMERCIAL SYSTEM OPERATIONS (BOTH) stielperc 64972	CS		20151006	1415	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	7	16.81873	MCHS-12 VFD TRIPS OUT stielperc 64972	CS		20160703	1441	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	30	15.82694	MCHS- INVESTIGATE/REPAIR (FOR PASS) stielperc 64972	CS		20150603	1441	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	30	16.80887	MCHS-11VFD IS TRIPPING ON FAULT	MJ		20151006	1415	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	11.81270	3. MCHS-REPAIR 11VFD FAULT (over temp)	CS		20160120	1422	
			941106	PUMP, STEAM DRIVEN/GEAR/DRIVE	25	4	15.82342	MCHS-REPAIR 11VFD FAULT (over temp)	MJ		20150527	1441	

Combined Backlog Report
CR's & RDR's
Backlog: PS, L, Disc.

ID: ----> BCKLOG
as of 05/02/16
1409 10.1.25

Eq. No.	Area	Loc. Number	Machine	Backlog Description	Plan	Short problem Description	Full problem Description	Work Sit Issue Date	Work Sit Date	Work Sit CLS
Eq. No.	Area	Loc. Number	Machine	Backlog Description	Plan Code	Short problem Description	Full problem Description	Work Sit Issue Date	Work Sit Date	Work Sit CLS
16321	Co.	11	18	COURT 315						

Co No	Area	Loc	Machine No	Machine Description	51s	Proj Code	Flar Code	Short Problem Description	Full Problem Description	Req. Code	Draft Issue Date	Req. Date	Req. SAK
-------	------	-----	------------	---------------------	-----	-----------	-----------	---------------------------	--------------------------	-----------	------------------	-----------	----------

80	MISC	METER	990012	FACILITY, FRESHEN PD, METER	25	4	15	95020	9905-METER- CLEAN FLAME. BY	REQ. BY R. BARTON JR	REQ	20160729	145
----	------	-------	--------	-----------------------------	----	---	----	-------	-----------------------------	----------------------	-----	----------	-----

Total * ELEC * Work Orders:
COUNT 10

Total * 6005 * Work Orders:
COUNT 1

990021	WARE	WAREHOUSE	41	WAREHOUSE	25	30	16	95031	99-NIGHT TIGHT	PER BY ZACH	ATTENTION	REQ	20161123	119
990001	WARE	WAREHOUSE	85	WAREHOUSE	25	4	14	95082	99-REPAIR	PER BY R. BARTON JR	REQ	20160413	187	

Total * 99 * Work Orders:
COUNT 2

Total * 990016 * Work Orders:
COUNT 2

990016	METER	FACILITY, POWERSMILL	METER	25	4	14	95045	99055- REPLACE FLOW METER	REQ BY R. BARTON JR	REQ	20160309	145
--------	-------	----------------------	-------	----	---	----	-------	---------------------------	---------------------	-----	----------	-----

Total * 990016 * Work Orders:
COUNT 1

990002	CITYWD	FACILITY	GRAPHICS & SIGNS	25	3	16	95054	2	9905-ELEC-INSTALL EXHAUS AND EXHAUST FANS PER DRAWINGS.	REQ	20160126	100	
990016	METER	FACILITY	POWERSMILL	METER	25	30	16	95073	99050- MAKE BROCKET PER F	REQ BY R. BARTON JR	REQ	20160418	137

Total * 990016 * Work Orders:
COUNT 2

999000	MISC	CITY	WIDE PROJECTS	25	4	15A	12	95082	2	9905-PUMP-PRO AND INSTAL	STUDY WATER MAINTENANCE	LOCATION	1601 WEST	14011025	1431
999000	MISC	CITY	WIDE PROJECTS	25	4	15B	12	95001	2	9905- INVESTIGATE FLOOD	DO AT	LOCK	RAVEN	20120515	151

Total * 9900 * Work Orders:
COUNT 2

999000	MISC	CITY	WIDE PROJECTS	25	2	15	95112	4	9905-ASSIST WATER DEPT	REQ BY M. KELLEY	PER	10A	20150313	1432
--------	------	------	---------------	----	---	----	-------	---	------------------------	------------------	-----	-----	----------	------

Total * 99 * Work Orders:
COUNT 1

999000	MISC	CITY	WIDE PROJECTS	25	2	14	95100	5	9905-ELEC/6005/9905	STUDY	METERS	ON	OVERTIME	20140307	1089
--------	------	------	---------------	----	---	----	-------	---	---------------------	-------	--------	----	----------	----------	------

Total * 9900 * Work Orders:
COUNT 1

Area * MISC * Work Orders:
COUNT 57

Total Co. * 80 * Work Orders:
COUNT 47

Co. No.	Area	Loc.	Machine Number	Machine Description	HO Sts	Pir Code	Prty Code	W/O Code	Start Problem Description	Full Problem Description	Call Problem Description	By	Craft Code	Issued Date	Wk Shd Type	Clas	
9	VACUUM FIL	CENTRAL	640000	FACILITY, NEW CENTRIFUGE BL	25	30	15.02655	2	STOP-LEAK IN CENTRIFUGE LINE #3 LEAKS (NEED CONCORD) ON LINE OF FIRST FLOOR	2 STOP-LEAK IN CENTRIFUGE LINE #3 LEAKS (NEED CONCORD) ON LINE OF FIRST FLOOR	2 STOP-LEAK IN CENTRIFUGE LINE #3 LEAKS (NEED CONCORD) ON LINE OF FIRST FLOOR	HR	ST001	2014/11/14	HR	2015/09/29	U1
				CENTRAL 640000 FACILITY, NEW CENTRIFUGE BL	25	4	16.03222	2	PECH- REPLACE 16" SLEEVE PLEASE REPLACE THE 16" SLEEVE FEEDING FEELERTECH			HR					
					Total * ST001 * Work Orders: COURT 2												
					Area * VACUUM FIL * Work Orders: COURT 155												
					25	4	16.07655		BLDG-REPLACE WASHING MACH See Invoice for job				C.B	BLDG	2015/12/23	HR	
					Total * BLDG * Work Orders: COURT 1												
					25	4	13.02655	1	DUST- MICRO PROCESS MON'T #30 Micro processor u11 not calibrated (polymer pump)				HR	ELC	2012/02/22	HR	
					Total * ELEC * Work Orders: COURT 1												
					Area * VACUUM-FIL * Work Orders: COURT 2												
					Total Co. * 9 * Work Orders: COURT 2,070												

Combined Backlog Report
City's & RW's
Back River, IS & N140

ID: --> BACKLOG
as of 07/05/16
STATUS: 10 & 25

Co. No.	Area	Loc. No.	Machine Description	Machine No.	Pltr	Pltr Code	W/O Code	Short Problem Description	Full Problem Description	Rep. By	Craft Issue Date	W/O Issue Date	W/O Issue C15
11	CLINT	991125	CLINTON ST. FORCE MAIN	25	4	FWA	13.81374	PLUG-ALTERED PEEPING N COR		EX	FEIK	20121219	1481
Total * FEIK * Work Orders: COUNT 1													
Area * * Work Orders: COUNT 1													
	POUING ST	991000	FACILITY: BROOKLYN PUMPING	25	3		14.88991	BLDG/ REPAIR ROOF LEAK. (E stielperc 64972		CS	BLDG	20131021	1418
	BROOKLYN	991000	FACILITY: BROOKLYN PUMPING	25	30		12.89842	BLDG/MADE REPAIRS TO HOO IN BACK OF G.B. Sullivan 6-4972		US		20110913	1438
	BROOKLYN	991000	FACILITY: BROOKLYN PUMPING	25	4		13.82703	BLDG/ REPAIR LEAK ON ROOF ROOM stielperc 64972		CS		20131611	1438
	BROOKLYN	991000	FACILITY: BROOKLYN PUMPING	25	4		15.86620	BLDG-BUILD STEPS FOR HD RISK TO THE WORKING ON UNIT 24512P. REEL BY H.HOODS 65701		HI		20141005	1438
	BROOKLYN	991000	FACILITY: BROOKLYN PUMPING	25	4		15.82349	BLDG/ REPAIR ROOF LEAKS - see 01-1 stielperc 64972		CS		20150520	1415
	BROOKLYN	991000	FACILITY: BROOKLYN PUMPING	25	4		15.82354	BLDG/REPAIR ROOF LEAKS - see 01-1 stielperc 64972		HI		20150628	1415
	BROOKLYN	991000	FACILITY: BROOKLYN PUMPING	25	30		15.81659	BLDG/ REPAIR/REPLACE 000 STIELPERC 64972		CS		20150105	1415
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	30		16.82143	BLDG/REPAIR ROOF GER ROOM (leak over Gen unit) stielperc 64972		CS		20150105	1418
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	4		14.81590	BLDG/ REPAIR BRKBR LACK ON back over stielperc 64972		CS		20160914	1418
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	4		14.82463	BLDG-ROOF LEAKING ONTO EL. EQUIPMENT.		CS		20140114	1438
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	4		15.81061	BLDG/ REPAIR FLUSH W/WHITE TOILET (leaking) stielperc 64972		JMD		20140220	1438
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	4		15.81062	BLDG-SCAFFE AND PAINT STA PUMP ROOM.		CS		20140512	1471
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	4		15.81062	PLUMBING TEST		CS		20150105	1435
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	4		15.81652	BLDG-PAINT STATION FRONT SCRE and paint H. Johnson 6-5134		WJ		20150902	1426
	DUNAL	941000	FACILITY: DUNALK PUMPING	25	4		15.81671	BLDG- INSPECT ROOF/LEAKS IN H. JOHNSON 6-4		WJ		20150311	1411
	DUNAL	947803	FOUNTAIN WATER	25	4		15.82655	BLDG/REPAIR OR REPLACE COOLER		WJ		20150628	1435
	EASTER	911000	FACILITY: EASTER AVENUE	25	2		15.81860	BLDG-SWAGE DRAIN AT PUMP REEL BY C. STIELPER 6-4972		WJ		20150628	1435
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		13.82260	BLDG-CALK WURDONS IN CO SHUT VAN 6-4		WJ		20150628	1435
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		15.83624	BLDG-PIPE-TOILET LEAKING REEL BY R. BRONX JR		U		20130601	1438
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		15.81017	BLDG/ REPAIR SCREEN ROOM STIELPERC 64972		BBJ		20140520	1418
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		15.81022	BLDG/ REPLACE TYPED CEIL ALL OFFICES STIELPERC 64972		C		20141114	1415
	EASTER	911070	FACILITY: EASTER AVENUE	25	30		15.81033	BLDG/ REPLACE DOOR CLOSER stielperc 64972		CS		20141125	1438
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		15.81671	BLDG-SCAFFE PAINT SCREEN stielperc 64972		CS		20150206	1426
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		16.81105	BLDG-FIX GLASS ON FRONT D. H. JOHNSON 6-4972		WJ		151105	1428
	EASTER	911818	FOUNTAIN WATER	25	30		16.82127	BLDG-REPLACE WATER FOUNTAIN W/ H. JOHNSON HAS NOT WORKED FOR OVER A YEAR		WJ		20160910	1415
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		16.82136	BLDG/ REPLACE CEILING TIL 1st flr office stielperc		CS		20160223	1415
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		16.82273	BLDG/ INSTALL WATER PUMP STIELPERC 64972		CS		160425	1415
	EASTER	911000	FACILITY: EASTER AVENUE	25	30		16.82624	BLDG/REPAIR FLOOR TILES 0 office stielperc 64972		CS		20160309	1415
	EASTER	911000	FACILITY: EASTER AVENUE	25	4		14.81677	BLDG-ROOF LEAKING SECONDARY REEL BY C. STIELPER		CS		20140105	1438
	EASTER	911000	FACILITY: EASTER AVENUE	25	4		14.82488	BLDG/ REPAIR SCREEN ROOM SWO OUTLE 64972		CS		20140520	1415
	EASTER	911000	FACILITY: EASTER AVENUE	25	4		15.80004	BLDG/ UNBLOCK DRAIN LINE (stielperc 64972		CS		20140707	1435
	EASTER	911000	FACILITY: EASTER AVENUE	25	4		15.86020	BLDG/ PAINT OFFICE WALLS stielperc 64972		CS		20140723	1426
	EASTER	911070	FACILITY: EASTER AVENUE	25	4		15.86028	BLDG/ REPAIR DOOR SCREEN stielperc 64972		CS		20140723	1426
	EASTER	911203	MOTOR, SBANCE PUMP #3	25	4		15.81867	BLDG-PAINT PUMP, MOTOR AND WJ		WJ		20150311	1426
	EASTER	911204	MOTOR, SBANCE PUMP #4	25	4		15.81868	BLDG-PAINT PUMP, MOTOR AND WJ		WJ		20150311	1426
	EASTER	911205	MOTOR, SBANCE PUMP #5	25	4		15.81869	BLDG-PAINT PUMP, MOTOR AND WJ		WJ		20150311	1426
	EASTER	911818	FOUNTAIN WATER	25	4		15.82653	BLDG/REPAIR OR REPLACE COOLER		WJ		20150628	1415
	EASTER	911818	FOUNTAIN WATER	25	4		16.80002	BLDG/REPAIR OR REPLACE COOLER		WJ		20150628	1415
	EASTER	916000	REGULATING, EXH. GENERATOR	25	4		16.81321	BLDG-REPAIR OUTSIDE WALL. SEE MEMORIAL FINDER		JCH		20151207	1430
	EASTER	911000	FACILITY: EASTER AVENUE	25	4		16.81656	BLDG/REPLACE SCREENS ON SC SWAC (MISSING) stielperc 64972		CS		20160105	1408
	EASTER	911000	FACILITY: EASTER AVENUE	25	4		16.82120	BLDG- REPAIR TOILET IN FR WILL NOT FLUSH		WJ		20160310	1415
	EASTER	911000	FACILITY: EASTER AVENUE	25	4		16.82132	BLDG-FIX LOGGED DRAIN AT T (leading to wet ve 1)		WJ		160211	1426

07/05/16 08:24:54

Combined Backlog Report
 CFS & ROD'S
 Back River, FS & Misc.

ID: ---> BACKLOG
 as of 07/05/16
 Status: 10 & 25

PAGE 54

Co. No.	Area	Loc.	Machine Number	Machine Description	HD	Sts	Qty	Part Code	Part Number	Start Problem Description	Full Problem Description	Req. By	Wk Issue Date	Wk Issue Date	Wk Issue Date
11	POPPING ST	EASTER 911000	FACILITY-EASTERN AVENUE		25	4		16.82822		BLDG-CORR-MAKE TABLE FOR RED BY R. BARTON JR		REJ	20161021	1638	
	EASTER 911000	FACILITY-EASTERN AVENUE			25	4		16.82828		BLDG-CONSTRUCT PLATFOOT T bar screen at eastern ave p.s. see Dean Adalfo		JON	20160528	1638	
	EASTER 911000	FACILITY-EASTERN AVENUE			25	30		14.82473		BLDG-CORR- MAKE ROY/COVER BED BY R. BARTON JR		REJ	20140516	1408	
	EASTER 911000	FACILITY-JONES FALLS			25	30		14.82481		BLDG/REPAIR HENCE ON OFF1 stielper 64972		CS	20140522	1415	
	EASTER 911000	FACILITY-JONES FALLS			25	30		15.82547		BLDG-INSTALL PLATFOOT TO R BED BY C. STIELPER		CS	20130227	1438	
	EASTER 911000	FACILITY-JONES FALLS			25	4		13.81912		BLDG/REPAIR FRONT DOOR TO STEIPELPER 64952		CS	20131021	1418	
	EASTER 911000	FACILITY-JONES FALLS			25	4		14.80950		BLDG/ REPAIR ROOF LEAK (vent pipe) stielper 64972		CS	20140423	1415	
	EASTER 911000	FACILITY-JONES FALLS			25	4		14.82432		BLDG/ REPAIR OFFICE HUBBO stielper 64972		CS	20130625	1415	
	EASTER 911000	FACILITY-JONES FALLS			25	4		15.82852		BLDG/REPAIR OR REPLACE water cooler		CS	20130625	1415	
	EASTER 911000	FACILITY-JONES FALLS			25	4		16.80047		BLDG-REPLACE LAJKE PAPER IN bathroom		HJ	20150918	1415	
	EASTER 911000	FACILITY-JONES FALLS			25	4		16.81711		BLDG-REPAIR TOILET RANSEN H. JOHNSON 6-4972		HJ	20151212	1415	
	EASTER 911000	FACILITY-JONES FALLS			25	4		16.82154		BLDG-PAINT FIRST FLOOR(TT) H. JOHNSON 6-4972		HJ	20160507	1415	
	EASTER 911000	FACILITY-WATER COOLER			25	4		16.82834		BLDG-REPLACE HOT WATER HE H. JOHNSON 6-4972		HJ	20160528	1438	
	EASTER 911000	FACILITY-JONES FALLS			25	4		15.82807		BLDG-UNLOAD ROOF DRAIN(H) H. JOHNSON 6-4972		HJ	20160528	1438	
	EASTER 911000	FACILITY-JONES FALLS			25	4		16.82829		BLDG-BUILD PLATFOOT FOR B at Jones falls p.s. see Dean Adalfo		JCY	20160528	1438	
	EASTER 911000	FACILITY-JONES FALLS			25	4		12.80036		BLDG-CHIMNEY BLOCKS APART over frame. Sullivan 6-4972		US	20110813	1408	
	EASTER 911000	FACILITY-LOCUST POINT			25	30		14.82887		BLDG/REPLACE TOILET (GRAC stielper 64972		CS	20140530	1415	
	EASTER 911000	FACILITY-LOCUST POINT			25	4		16.80046		BLDG-FOURTH-FLOOR(BREAK) H. JOHNSON 6-4972		HJ	20150708	1415	
	EASTER 911000	FACILITY-LOCUST POINT			25	30		16.80049		BLDG-1ST FLOOR DRAIN CLOG BED BY C. STIELPER		CS	20150708	1438	
	EASTER 911000	FACILITY-LOCUST POINT			25	30		15.81104		BLDG-REPLACE PAINT FROM OB L. HANE PLATE HAS BEEN PAINTED OVER AND UNREMOVABLE.		TC	20151105	1425	
	EASTER 911000	FACILITY-LOCUST POINT			25	30		15.82857		BLDG-RAIN SPOTS NEED BEP stielper c 64972		HJ	20150628	1415	
	EASTER 911000	FACILITY-LOCUST POINT			25	4		13.82882		BLDG/REPAIR OR REPLACE cooler		CS	20120828	1428	
	EASTER 911000	FACILITY-LOCUST POINT			25	4		15.83355		BLDG/REPAIR OR REPLACE cooler		HJ	20150625	1415	
Total = 843 Work Orders:															
COUNT															
BEALIN 955005	FAN-#5 EXHAUSTION ROOF-FD	25	4	16.82813						ELFOS-REPAIR EXHAUST FAN H. JOHNSON 6-4972		HJ	20160514	1415	
BEALIN 955006	FACILITY-BROOKLIN PUMPING	25	4	16.82814						ELFOS-LIGHTS OUT OVER TOP please repair		HJ	20160514	1430	
BEALIN 955007	FAN-#2 EXHAUSTION ROOF-FD	25	4	16.82816						ELFOS-REPAIR EXHAUST FAN H. JOHNSON 6-4972		HJ	20160515	1415	
CAROL 965013	PUMP-STORM DRAIN #3	25	30	16.82812						ELFOS-INSTALL PUMP BED. BY J. MAROCK 6-5700		JON	20160330	1415	
CAROL 965701	CONTROLLER, PUMP, #1	25	4	16.82823						ELFOS/ELFOS-INSPERT DRIVE UNIT TO run st elper 64972		CS	20160522	1415	
DONALD 947413	GENERATOR(PUMP) RPH 594	25	4	16.81724						ELFOS-REPLACE HEATER BED BY J. MAROCK 6-5700		JON	20160129	1421	
DONALD 941000	FACILITY-DONALD PUMPING	25	4	16.81880						ELFOS-REPAIR SPARE BREAK BED. BY J. MAROCK 6-5700		JON	20160204	1421	
DONALD 941000	FACILITY-DONALD PUMPING	25	4	16.82144						ELFOS/ MOTOR KEYS MISSING BED BY J. MAROCK 6-5700		CS	20160314	1415	
DONALD 941000	FACILITY-DONALD PUMPING	25	4	16.82584						ELFOS-REPLACE ALL LIGHT & station		CS	20160521	1421	
DONALD 941102	PUMP-SWAKE #2	25	4	16.82820						ELFOS/ CHECK TECH SEAL LE stielper 64972		CS	20160521	1421	
EASTER 911000	FACILITY-EASTERN AVENUE	25	30	12.82001						ELFOS-REPAIR OR REPLACE P llllison 6-4972		US	20120228	1444	
EASTER 913202	FOOTER-BAR SCREEN (SOUTH)	25	30	12.83605						ELFOS-TIPPING OUT BED BY U. SULLIVAN		US	20120628	1421	
EASTER 917101	PUMP-SWAKE #1	25	30	13.81866						ELFOS/ELFOS-REPAIR OR REP Sullivan 6-4972		US	20130301	1421	
EASTER 912102	VALVE-CONCRETE #2 PUMP	25	30	13.82459						ELFOS-FILTER KEYS MISSING BED BY J. MAROCK 6-4972		JCY	20140514	1421	
EASTER 916510	FAN-EXHAUST	25	30	14.80012						ELFOS/REPAIR UNIT KEEP stielper 64972		CS	20130717	1421	
EASTER 916508	VALVE-OP-9 GATE (VAULT#2)	25	30	16.80026						ELFOS/ REPAIR VALVE OPER (no power to unit) see C stielper 64972		CS	20150602	1421	
EASTER 916509	VALVE-OP-9 GATE (VAULT#3)	25	30	16.80029						ELFOS/REPAIR OR REPLACE VAL (HSA not working) stielper 64972		CS	20150602	1421	
EASTER 916510	VALVE-OP-10 GATE (VAULT#4)	25	30	16.80040						ELFOS/ REPAIR OR REPLACE VAL (HSA not working) stielper 64972		CS	20150602	1421	
EASTER 916510	VALVE-OP-10 GATE (VAULT#5)	25	30	16.80041						ELFOS/ REPAIR OR REPLACE VAL (HSA not working) stielper 64972		CS	20150602	1421	
EASTER 916511	VALVE-OP-1 GATE (VAULT #1)	25	30	16.80042						ELFOS/ REPAIR OR REPLACE VAL (HSA not working) stielper 64972		CS	20150602	1421	
EASTER 911000	FACILITY-EASTERN AVENUE	25	30	16.80046						ELFOS/ REPAIR VALVE OPER HSA switches not working } stielper 64972		CS	20150602	1421	
EASTER 913102	SCREEN-BAR (SOUTH)	25	30	16.81856						ELFOS/ELFOS-REPAIR BAR SC in stock		CS	20150602	1415	
EASTER 915501	FAN-EXHAUST #1	25	30	16.82815						ELFOS-REPAIR EXHAUST FAN not working		HJ	20160514	1415	

Co. No.	Area	Loc.	Machine Number	Machine Description	HO Sits	Prior Prio Code	W/O Code	Plant Number	Short Problem Description	Full Problem Description	Req. By	Craft Code	Issue Date	Wk Srt Issue Date	Typ	Chan
11	PUMPING ST	EASTER	916001	VALVE-CY-1 (GATE/VALVE #1)	25	4	12.87325		ELPS/REPAIR ELECTRIC OPE stielperc 64972		CS	ELPS	20120928	4/15		
		EASTER	913101	SCREEN-BAR (WORTH)	25	4	13.80024		ELPS-ASSIST TECH WITH R HOOPS 65701		MS		21/20719	4/15		
		EASTER	916021	LOWER-AUXILIARY GENERATORS	25	4	13.80656	1	ELPS/CHECK FAN FOR PROBE running slow see stielperc 64972		CS		20120602	4/08		
		EASTER	911000	FACILITY-EASTERN AVENUE	25	4	13.81601		ELPS-INVESTIGATE FIRE SU system pressure alarm (fire Marshall) stielperc 64972		CS		20130117	4/02		
		EASTER	913102	STARTER-UNIT #2, MOTOR -	25	4	13.81618		ELPS-REPLACE VACUUM CONT requestor r slytton 6-5748		RLS		20130201	4/11		
		EASTER	913102	MOTOR-BAR SCREEN (SOUTH)	25	4	13.82467		ELPS-ASSIST TECH. REQ. BY		MS		20130621	4/21		
		EASTER	916054	FAN SUPPLY	25	4	14.80021		ELPS-REPLACE MOTOR TRIPS REQ BY C-STIELEPER		MS		20130724	4/15		
		EASTER	916216	HEATER-UNIT #4	25	4	14.81703		ELPS-REPAIR HEATING UNIT (not working) stielperc 64972		CS		20140128	4/21		
		EASTER	916001	MOTOR CONTROL CENTER UNIT	25	4	15.80661		ELPS-REPAIR MCC BREAKERS REQ. BY J. HARCK 6-5748		JCH		20141031	4/21		
		EASTER	916001	MOTOR CONTROL CENTER UNIT	25	4	15.81642		ELPS-REPAIR BROKEN KEY A REQ. BY J. HARCK 6-5748		JCH		20150221	4/15		
		EASTER	911000	FACILITY-EASTERN AVENUE	25	4	16.80024		ELPS/TESTING MAIN POWER IN area stielperc 64972		CS		20150801	4/15		
		EASTER	913201	MOTOR-BAR SCREEN (NORTH)	25	4	16.81334		ELPS-REPLACE LIGHTS IN P c 11mg. 13 light area out		MS		20151214	4/20		
		EASTER	911000	FACILITY-EASTERN AVENUE	25	4	16.81884		ELPS-REPAIR UNIT TRIPPED N power stielperc 64972		CS		20160008	4/21		
		EASTER	913102	SCREEN-BAR (SOUTH)	25	4	16.81957		ELPS-ORDER VOLTAGE TEST REQ. BY J. HARCK 6-5740		JCH		20160225	4/28		
		EASTER	911104	PUMP-SERVICE #4	25	4	16.82149	1	ELPS/ELPS- MAKE REPAIRS ASSEMBLY		MS		20160316	4/15		
		EASTER	911000	FACILITY-EASTERN AVENUE	25	4	16.82150	1	ELPS/ELPS- MAKE REPAIRS ASSEMBLY		MS		20160311	4/20		
		EASTER	912406	PUMP-VACUUM #6	25	4	16.82169	1	ELPS-REPLACE ALL LIGHTS around the exterior of building		MS		20160404	4/21		
		EASTER	916201	GENERATOR-EXER-SET #1 (GEN)	25	4	16.82170	1	ELPS/ELPS-REPAIR VACUUM RUN-11 JUST ISS		MS		20160601	4/15		
		EASTER	92101	PUMP-SERVICE #1	25	4	16.82650		ELPS-CHECK BATTERY'S ON G rate in battery's		MS		20170111	4/11		
		EASTER	921102	PUMP-SERVICE #2	25	30	13.80017		ELPS-REPAIR SHIMMING FAULT, Sullivan 6-4972		MS		20170111	4/11		
		EASTER	921202	MOTOR-SERVICE PUMP #2	25	30	13.80018		ELPS-REPAIR SHIMMING FAULT, (craft already notified) Sullivan 6-4972		MS		20170718	4/11		
		EASTER	921303	MOTOR-SERVICE PUMP #3	25	30	13.81770		ELPS-REPAIR SHIMMING FAULT, (craft already notified) Sullivan 6-4972		MS		20170718	4/11		
		EASTER	921000	FACILITY-JONES FALLS	25	30	15.81665		ELPS/CHECK MOTOR FOR PHA STELPERC 64972 (HP TEAM SERV)		CS		20130206	4/15		
		EASTER	192006	EXHAUSTER-#1 MAIN 2-4WVBLE	25	4	11.81250	1	ELPS-INVESTIGATE BE-LUCA torn into pump room stielperc 64972		CS		20101015	4/11		
		EASTER	924201	MOTOR-#1 BAR SCREEN	25	4	14.80542		ELPS-TEI N REPAIRS TO EX requestor r slytton 6-5748		CS		20130822	4/15		
		EASTER	924104	PANEL-STRATION MASH	25	4	14.82442		ELPS-NO POWER TO SCREEN req 65748 Smith		RLS		20140601	4/21		
		EASTER	924101	SCREEN-BAR #1 (FRONT CLEAN)	25	4	16.81117	2	ELPS/OPS-- REDUCATE THE (cont near from operating levels) stielperc 64972		CS		20151116	4/11		
		EASTER	935101	GENERATOR-EMERGENCY SET	25	4	16.82630	1	ELPS/ELPS-REPAIR #1BAR BOX AVE apart from motor		MS		20160111	4/15		
		EASTER	985300	FACILITY-PIPER SIX	25	4	16.82630		ELPS/ TOMBLE SHOOT ALARM stielperc 64972		MS		01/16/2011	4/11		
		EASTER	991134	PUMP-RAW SERVICE #4 W/OTO	25	30	11.83155		ELPS/DISPECT FLOWS FOR stielperc 64972		CS		20120616	4/15		
		EASTER	991133	PUMP-RAW SERVICE #3 W/OTO	25	30	12.80033		ELPS-SHIMMING SEAL LEAK F que a tel, Sullivan 64972		MS		20110414	4/11		
		EASTER	991167	PANEL-WTO CONTROL #1 (ESP)	25	30	15.82715	1	ELPS-SEAL LEAK FAULT TH. been (re-cread), Sullivan 6-4972		MS		20110813	4/21		
		EASTER	991167	PANEL-WTO CONTROL #1 (ESP)	25	30	15.82716	1	ELPS/ELPS-REPAIR FAULT (F-8 over temp) stielperc 64972		CS		20150416	4/15		
		EASTER	991227	PUMP-SRP #1	25	30	15.82716	1	ELPS/ELPS-REPAIR FAULT (F-8 over temp) stielperc 64972		CS		20150416	4/15		
		EASTER	991123	PUMP-RAW SERVICE #3 W/OTO	25	4	12.81210		ELPS-REPAIR FLOWS 100 W/ C-STIELEPER		CS		20111014	4/15		
		EASTER	991133	PUMP-RAW SERVICE #3 W/OTO	25	4	12.82869		ELPS-EXR REPAIRS TO PUMP requestor r slytton 6-4972		RLS		20120209	4/74		
		EASTER	991145	GENERATOR-EMERGENCY SET	25	4	13.80034		ELPS-TECH REPAIRS ON OLD SERIAL # 151794-2 requestor r slytton 6-4970		RLS		20120720	4/73		
		EASTER	991135	PUMP-HEAT WELL SUPP. (OUTSIDE)	25	4	16.80657		ELPS/CHECK GEN. W/ON BATT v. Johnson 6-4972		MS		20150616	4/11		
		EASTER	921000	FACILITY-JONES FALLS	25	4	16.80661	1	ELPS/ELPS- REPAIR PUMP (logged) stielperc 64972		CS		20150621	4/15		

Total ELPS - W/TK Orders
 6087 62

COGAT	946202	MOTOR-STORM DRAIN PUMP	25	4	12.80654	2	ELPS/ELPS-REPLACE BEARING requestor r slytton 6-5752		RLS			20110824	4/15			
EASTER	917302	FRAME-HONDAWIL (5 TEN)	25	3	13.80570		ELPS - BROKEN ELECTRIC C IL UNIT		MS			20120821	4/21			
EASTER	916510	FAN-EXHAUST	25	30	14.80012	1	ELPS/ELPS/REPAIR UNIT KEEP stielperc 64972		CS			20130717	4/21			
EASTER	911000	FACILITY-EASTERN AVENUE	25	4	12.81861		ELPS-REPAIR PHONE LINE (L-11) 358-6572 stielperc		CS			11/12/11	4/14			
EASTER	911000	FACILITY-EASTERN AVENUE	25	4	12.82123	1	ELPS-INVESTIGATE POSSIBLE STUBB (SMALL) WALL MOUNTED heater/chris 64972		CS			20120124	4/22			
HILAND	961000	FACILITY-HIGHLANDTDAK	25	4	12.81866		ELPS- REPAIR PHONE LINE (410-595-7288-no exchange) stielperc 64972		CS			20120103	4/14			
	921000	FACILITY-JONES FALLS	25	4	11.81860		ELPS- UNSETT PHONE JACK of the stielperc 64972		CS			20101109	4/14			

07/05/16 08:24:54

Combined Backlog Report
as of 07/05/16
Backlog: PS & Miss.

10 -> BACKLOG
as of 07/05/16
Status: 10 & 25

PHIC 8

Co. No.	Area	Machine No.	Machine Description	MO Srs	Plnt Pcty Code	MO Number	Short Problem Description	Full Problem Description	Req. By	Craft Code	Issue Date	Wk Srt Issue Date	Typ	Chn
11	PUMPING ST. J	921000	FACILITY-JONES FALLS	25	4	11-09151	ELEC-VERTIZON TO CHECK PHO	Helperc 64972	S	ELEC	20110411	144		
		937138	SYSTEM-SCADA	25	4	EK	11-06055	1 OPSEV/ RESTORE CERTIFICATE	stiepelc 64972	S		20100722	144	
		0010	541VILTRAIN	25	4	12-00185	ELEC-REPLACE REDUNDANT	stiepelc 64972	DTS		20110722	142		
		451PT	FACILITY-VESTRETT	25	4	12-02734	ELEC-VERTIZON TO STATION	communication line 410 358-7514--	stiepelc 61972	CS		20120321	144	

Total * ELEC * Mark Orders:
COUNT 11

CAROL	985300	FACILITY-CAROLINE ST. P. S.	25	30	16-06351	CRUIS / VAC CDR TO CLEAN	stiepelc 64972	CS	CS25	20150910	145		
CAROL	985300	FACILITY-CAROLINE ST. P. S.	25	30	16-06083	CRUIS /VAC TRUCK TO CLEAN	stiepelc 64972	CS	CS	20151006	145		
CAROL	985302	PUMP-STATION TRAIN #2	25	4	16-06075	CRUIS-POSITION PUMP TO 5	SEE WITH RAVICR. REQ BY J. MARLOCK 6-5788	JCN		20151006	144		
DUBNAL	941000	FACILITY-DUBNAL PUMPING	25	4	16-01877	CRUIS-BOOM TRUCK NEEDED	TO TO STATION. REQ BY H.HOOKS 69733	HR		20160201	144		
DUBNAL	941000	FACILITY-DUBNAL PUMPING	25	4	16-02803	CRUIS-BOOM TRUCK NEEDED	TO WITH DELIVERY OF PARTS TO STATION. REQ BY H.HOOKS 69733	HR		20160607	144		
EASTER	915004	PUMPST. (NORTH)	25	30	16-02120	CRUIS-REQD VAC-HALL TRUCK	WESTPORT screen room cleaner (disaster full)	HR		20150021	145		
EASTER	911104	PUMP-SEAWICE #4	25	4	16-04025	CRUIS-BOOM TRUCK TO DELIVE	DRSPLY TO EASTERN AVE. P. S. ME DATE OF 7/22/15. REQ BY H.HOOKS 64972	HR		20150721	144		

Total * CRUIS * Mark Orders:
COUNT 7

BELOVA	985301	FAN-#1 EXHAUST (ON ROOF)	25	4	15-01029	HA-REPLACE BELT	REQ BY J. MARLOCK 6-5748	JCN		20141124	146		
BELOVA	987701	FOUNTAIN-DRINKING WATER	25	4	15-02554	HA-REPAIR-REPAIR OR REPLACE	cooler	HR		20150626	145		
CAROL	985300	AIR CONDITIONER (HATCH)	25	30	15-02246	HA /REPLACE AC UNIT (BLOW	stiepelc 64972	CS		20150618	145		
CAROL	985303	AIR CONDITIONER (HATCH)	25	30	16-00778	HA / REPLACE A/C UNIT (B	4 pec 6497	CS		20150804	145		
DUBNAL	985303	AIR CONDITIONER (HATCH)	25	30	16-02811	HA /REPAIR -REPLACE UNIT	stiepelc 64972	CS		20160609	149		
DUBNAL	942707	FAN-#4 EXHAUST (ROOF)	25	30	16-00030	HA-NOT WORKING HO AIR	stiepelc 64972	HR		20150626	145		
DUBNAL	947003	FOUNTAIN-WATER	25	4	15-02555	2 HA-REPAIR-REPAIR OR REPLACE	cooler	CS		20130717	142		
EASTER	915008	FAN-EXHAUST (EAST)	25	30	14-00009	2 HA-ELPS/REPAIR UNIT KEEP	stiepelc 64972	CS		20150715	145		
EASTER	915010	FAN-EXHAUST	25	30	14-00012	2 HA-ELPS/REPAIR UNIT KEEP	stiepelc 64972	CS		20130717	142		
EASTER	915417	AIR HANDLING UNIT AND CH	25	30	16-00089	1 HA/PERC - REPAIR CHILLER	(no control tower) stiepelc 64972	CS		20150811	149		
EASTER	915301	FAN-EXHAUST #1	25	30	16-02537	1 HA/PERC - REPAIR CHILLER	(no control tower) stiepelc 64972	CS		20160631	149		
EASTER	915303	FAN-EXHAUST	25	30	16-02524	HA / ADJUST BELT (SLACK)	stiepelc 64972	CS		20160631	146		
EASTER	915004	HEATER-UNIT #1(HWHP FLR)	25	4	13-02715	HA-REPAIR FAN (DRIPPED 0	load-stiepelc 64972	S		130618	142		
EASTER	915413	HEATER-UNIT #1	25	4	13-02722	HA-REPAIR LEAKING HEATER	stiepelc 64972	CS		20130624	148		
EASTER	915414	HEATER-UNIT #2	25	4	14-01690	2 ELPS/HA-REPAIR HEATER ON	stiepelc 64972	CS		20140124	145		
EASTER	915415	HEATER-UNIT #3 (3RD FLOOR)	25	4	14-01699	2 ELPS/HA-REPAIR HEATING F	stiepelc 64972	CS		140124	145		
EASTER	911818	FOUNTAIN-WATER	25	4	15-01629	HA-REPLACE HEAT/AC UNIT 1	stiepelc 64972	CS		20150025	149		
EASTER	911000	FACILITY-EASTERN AVENUE	25	4	15-02653	2 HA-REPAIR-REPAIR OR REPLACE	cooler	HR		20150626	145		
EASTER	915003	MACHINE-ICE MULTIPLES	25	4	15-02670	HA -REPAIR DEWAIN LANE 0	(OFFICE	HR		20150626	145		
EASTER	915101	BOILER #1	25	4	16-00673	HA-REPAIR ICE PHEER, NOT H	H. JOHNSON 6-4972	HR		20150630	149		
EASTER	915201	PUMP-RECIRC. #1 (BOILER)	25	4	16-00982	HA-REPLACE PRESSURE RELIEF	valve is bad	HR		20151002	149		
EASTER	915201	FAN-EXHAUST #1	25	4	16-01689	1 HA-ELPS/HA - ASSIST CLEAN	FU stiepelc 64972	CS		20151006	145		
EASTER	915201	FAN-EXHAUST #1	25	4	16-02732	2 HA-ELPS-REPAIR FAN (LOUD	stiepelc 64972	S		20160105	145		
JF	927301	CONDENSING UNIT (ROOF)	25	30	16-02536	2 HA-ELPS-REPAIR FAN (LOUD	stiepelc 64972	CS		20160021	145		
JF	952702	FOUNTAIN-WATER COOLER	25	4	15-02532	2 ELPS/HA-REPAIR OR REPLACE	cooler	CS		20160631	145		
LOCFO	985300	FACILITY-JUDSON POINT	25	4	16-00006	2 ELPS-FOUNTAIN-WATER (BROKE	H. JOHNSON 6-4972	HR		20150626	145		
CLS1	976301	FOUNTAIN-WATER	25	4	16-00006	HA -WATER NOT COLD	H. JOHNSON 6-4972	HR		20150708	149		
CLS1	976301	FOUNTAIN-WATER	25	4	16-00006	HA -WATER NOT COLD	H. JOHNSON 6-4972	HR		20150708	149		
COUO	933806	FOUNTAIN-WATER	25	4	16-00006	HA -WATER NOT COLD	H. JOHNSON 6-4972	HR		20150708	149		
STWR	891152	UNIT-ALPHARDING #2	25	4	15-02019	2 HA-ADJUST BELT OR FAN NOT	stiepelc 6-4972	CS		20150025	145		
45PT	971000	FACILITY-VESTRETT	25	4	15-02555	2 HA-ELPS/HA-REPAIR OR REPLACE	cooler	HR		150626	145		

Co. No.	Area	Loc.	Machine Number	Machine Description	NO Sits	Plur Code	Prty Code	W/O Number	Short problem Description	Full Problem Description	Req. By	Crat Issue Date	Wk Typ	Slit Len	
11	PUMPING ST	CANAL	985301	PUMP MOTOR SHAFT #1	25	30	15	82260	2	ELDS/ INSPS- INVESTIGATE (v or temp/or temp) when running for extended time stielper	CS	20150520	H81		
			985302	SYSTEM BUBBLER	25	30	16	81136		INSPS/ REPAIR LEVEL CONTR (fa or reading) 64972	CS	20151217	H15		
			985701	CONTROLER, PUMP, #1	25	4	15	81484	1	INSPS/OPER- INVESTIGATE C not working in auto-stielperc 64972	CS	20150212	H21		
			CANAL	985710	CONTROL, PLC	25	4	16	80884		INSPS-PLC SCREEN HAS ON P H JOHNSON 6-4972	HJ	20151007	H21	
			CANAL	985825	RECORDER, CHART, METRELL	25	4	16	81135		INSPS-CHEK RECORDER, NOT H JOHNSON 6-4972	HJ	20151124	H21	
			CANAL	985710	CONTROL, PLC	25	4	16	82833		INSPS-CHEK PLC (NO PLU H JOHNSON 6-4972	HJ	20150705	H21	
			DUNAL	981103	CONTROL, VFD #2 SERVICE PUM	25	30	15	82328	2	OPSS/INSPS-ELDS-REPAIR CRUISED fault-stielperc 64972	CS	20150525	H41	
			DUNAL	942017	MONITOR, GAS	25	4	16	81113		INSPS/REPAIR DRIVE FAULT stielperc 64972	CS	20151112	H41	
			DUNAL	940002	FLUX INDICATING RECORDER/	25	4	13	82894		INSPS- CHECK FOR PROPER O RED IN R BARTON JR	CS	20130607	H89	
			DUNAL	940002	FLUX INDICATING RECORDER/	25	4	14	80627		INSPS/ REPAIR UNIT NOT NO STEPLE PER 6-4972	CS	20130612	H15	
			DUNAL	942018	MONITOR, GAS	25	4	14	82194		INSPS/REPAIR CHART PEN NO stielperc 64972	CS	20130314	H15	
			DUNAL	942006	RECORDER, MET HELL, BUBBLER	25	4	15	81463		INSPS- REPLACE BAD SENSOR RED BY R BARTON JR	CS	20130116	H15	
			DUNAL	940031	UNIT, PUMP #2, BUBBLER	25	4	15	82013		INSPS- REPLACE PEN CARTRID recorder cartridge out of ind	HJ	20130413	H15	
			DUNAL	940036	FLUX INDICATING RECORDER/	25	4	15	82104		INSPS-INSTALL NEW ULTRASON H JOHNSON 6-4972	HJ	20130433	H15	
			DUNAL	940036	FLUX INDICATING RECORDER/	25	4	15	82625		INSPS/ CHANGE RECORDER TO stielperc 64972	CS	20130604	H15	
			DUNAL	941000	FACILITY, WADWALK PUMPING	25	4	16	82359		INSPS- CHECK CALLIBRATION O H JOHNSON 6-4972	CS	20130414	H15	
			EASTER	915808	SYSTEM, SEMA	25	30	15	82383		INSPS/ RESTORE COMMUNICAT stat on (off line) stielperc 64972	HJ	20130414	H23	
			EASTER	910018	ANALYSER, ANALYZER	25	30	16	83627		INSPS/ REPLACE OZ SENSOR (not reading) stielperc 64972	CS	20130610	H15	
			EASTER	910017	COMBUSTIBLE GAS ALARM	25	4	12	80543		INSPS/ REPAIR PETER NOT H stielperc 64972	CS	20110819	H23	
			EASTER	910017	COMBUSTIBLE GAS ALARM	25	4	13	80531		INSPS- CHECK FOR PROPER O RED IN R BARTON JR	CS	20110819	H23	
			EASTER	913102	SCREEN, BAR (SOUTH)	25	4	16	80885	2	INSPS-ELDS-300TH TAKE WI RAL H JOHNSON 6-4972	CS	20131003	H23	
			F	920005	CONTROLER, INCOMPATIBLE	25	30	15	80280	2	INSPS/ELDS-300TH TAKE WI RAL H JOHNSON 6-4972	HJ	20131009	H23	
			F	925301	GENERATOR, EMERGENCY SET	25	30	16	80414	2	INSPS/ ELDS-300TH TAKE WI RAL H JOHNSON 6-4972	CS	20130610	H15	
			F	920091	PLC/LOCAL CONTROL STATION	25	30	16	80430		INSPS/ ELDS-300TH TAKE WI RAL H JOHNSON 6-4972	CS	20130610	H15	
			F	928005	VFD, #4 SERVICE PUMP(CP300)	25	30	16	80430		INSPS/RESTORE BACK UP PLO TO control scheme stielperc t 64972	CS	20130610	H15	
			F	928018	BUBBLER, (METRELL)	25	4	12	81514		INSPS-REPAIR FAULT, NOT RED BY C STIELPER	CS	20130625	H41	
			F	923012	PETER, (DESERVING) LEVEL	25	4	14	82482		INSPS/ INSPECT FOR PROPER stielperc 64972	CS	2011123	H88	
			F	920018	BUBBLER, (METRELL)	25	4	16	81332		INSPS- REPLACE BAD UNIT RED BY R BARTON JR	CS	20140623	H15	
			F	920018	BUBBLER, (METRELL)	25	4	16	81332		INSPS- VERIFY LEVEL, READ stielperc 64972	CS	20151211	H15	
			L0070	986009	COMPRESSOR, AIR INSTRUMENT	25	2	16	80830	1	INSPS-STOP-REPLACE AIR C TALL, TH. W JOHNSON 6-4972	HJ	20130607	H89	
			L0070	986009	BUBBLER, SYSTEM	25	30	16	80776		INSPS-REPAIR OR REPLACE C (too pressure) stielperc 64972	CS	20130722	H21	
			PEST	973017	MONITOR, FAULT-GAS SYSTEM	25	4	13	80030		INSPS-CHEK FOR PROPER OP RED BY R BARTON JR	CS	20121003	H89	
			PEST	973028	BUBBLER	25	4	13	81508		INSPS-REPAIR FAULT, NOT RED BY C STIELPER	CS	20130625	H41	
			PEST	973017	MONITOR, FAULT-GAS SYSTEM	25	4	16	80023		INSPS-CHEK GAS PETER HLA CLEAR	CS	20130327	H18	
			PEST	977807	PANEL, TELEPHONE	25	4	16	80794		INSPS/ INSPECT FOR PROPER stielperc 64972	CS	20130716	H41	
			PEST	973017	MONITOR, FAULT-GAS SYSTEM	25	4	16	81879		INSPS- REPLACE BAD UNIT RED BY R BARTON JR	CS	20131029	H15	
			QUAD	930002	FLUX INDICATING RECORDER/	25	4	14	82150		INSPS-CHEK FOR PROPER OP RED BY R BARTON JR	CS	20130204	H15	
			QUAD	930017	DETECTOR, BAR SCREEN GAS	25	4	15	81043		INSPS-REPAIR CHART PEN NO stielperc 64972	CS	20140014	H15	
			QUAD	930002	FLUX INDICATING RECORDER/	25	4	16	82164		INSPS- REPLACE BAD MONITO RED BY R BARTON JR	HJ	20130216	H23	
			QUAD	930018	DETECTOR, MET HELL GAS	25	4	16	81890		INSPS-AMT ON RECORDER NOT W JOHNSON 6-4972	HJ	20130216	H23	
			QUAD	930018	DETECTOR, MET HELL GAS	25	4	16	82277		INSPS/ INSPS NECESSARY REP (not working) stielperc 64972	HJ	20130330	H21	
			STRAIN	981167	PANEL, VFD CONTROL, #1(ESP)	25	30	15	82015	2	INSPS/ELDS-REPAIR FAULT (f-b over temp) stielperc 64972	CS	20150416	H15	
			STRAIN	981167	PANEL, VFD CONTROL, #1(ESP)	25	30	15	82015	2	INSPS/ELDS-REPAIR FAULT (f-b over temp) stielperc 64972	CS	20150416	H15	
			STRAIN	981131	PUMP, 2#H SERVICE #1 W/NOTO	25	30	15	82656		INSPS/ REPAIR FAN FAULT O (not run fan fault on key pad) stielperc 64972	CS	20130325	H15	
			STRAIN	981171	PETER, FLOW PETER	25	4	12	80847		INSPS/INSPELT FOR OPERATI stielperc 64972	CS	2011181	H85	
			STRAIN	981174	PANEL, PLC	25	4	14	82954		INSPS/ TRAVEL "SHOOT ALL stielperc 64972	CS	20140623	H15	
			STRAIN	981203	PETER, HUFFMONT FLOW	25	4	16	86663		INSPS/ REPLACE REFERENCE FLO (35 incoming not reading flow in stielperc 64972	CS	20150322	H15	
			STRAIN	981122	PUMP, 2#H SERVICE #2 W/NOTO	25	4	16	80664		INSPS- REPLACE DISCH PRESS stielperc 64972	CS	20150322	H15	

Total = 14 = Work Orders:
 COURT 31

07/05/16 08:24:54

Continued Backlog Report
CR's & REP'S
Backlog: PS & Misc
10 - Backlog
as of 07/05/16
Status: 10 & 23

PMR 38

Co. No.	Area	Loc.	Machine No.	Machine Description	NO Sts	Pin Code	W/O Code	Full Problem Description	Req. Code	W/O Code	Issued Date	W/O Code	W/O Date
---------	------	------	-------------	---------------------	--------	----------	----------	--------------------------	-----------	----------	-------------	----------	----------

11	PUMPING ST STATION	991131	PUMP, RAW SEWAGE #1	W/OTD 23	4	16	80666	INSP/ LEAK FAULT ON INT. W/OT RUN 3 STEELPERC 64972	CS	INSPS	20150922	W1	
----	--------------------	--------	---------------------	----------	---	----	-------	---	----	-------	----------	----	--

Total • INSPS • Work Orders: COUNT 48

000AL 94000	METER-FLOW TRANSMITTER	25	30	13	80022	INST-TO ORDER BY TRANSMIT FOR REPLACEMENT. SEE CALLS/R. BARTON 6-5744	CDM	INST	20120719	W1S		
-------------	------------------------	----	----	----	-------	---	-----	------	----------	-----	--	--

Total • INST • Work Orders: COUNT 1

BROOK 50100	FACILITY-BROOKLYN PUMPING	25	4	15	81471	PCFB/REPAIR HOLE IN SIDE STEELPERC 64972	CS	PCFB	20150123	W1		
DUNAL 94102	PUMP, SEWAGE #2	25	4	16	82606	PCFB-REPAIR SHAFT AND RU 65733	W1		20160521	W4		
DUNAL 94102	PUMP, SEWAGE #2	25	4	16	82631	PCFB-HELD TRY TOOL, RED. B	W1		20160629	W4		
EASTER 91905	DUMPFSTER, (SOUTH)	25	4	15	82680	PCFB-PATCH HOLES IN DUMP STD. WITH 6-5738	TR		20140805	W3		
EASTER 91905	DUMPFSTER, (SOUTH)	25	4	15	82623	PCFB/ REPAIR HOLE IN STD STEELPERC 64972	CS		20150423	W1		
EASTER 91904	DUMPFSTER, (NORTH)	25	4	15	82626	PCFB-PATCH HEAD IN DUMPS H. JARVIS 4-8972	CS		20150423	W1S		
EASTER 91302	SCREEN, BAR (SOUTH)	25	4	15	82653	PCFB-REPAIR WHEEL ON INT. H. JOHNSON 6-4972	WJ		20150716	W3		
EASTER 91301	SCREEN, BAR (NORTH)	25	4	16	82131	PCFB-MACHINE LINE SPACER RE. BY H. JOHNS 6-9733	WJ		20160311	W3		
EASTER 91905	DUMPFSTER, (SOUTH)	25	4	16	82817	PCFB-REPAIR 4 WHEELS ON H. JOHNSON 6-4972	WJ		20160615	W3		
EASTER 91904	DUMPFSTER, (NORTH)	25	4	16	82824	FB-REPAIR WHEELS ON DUMP STEELPERC 64972	CS		20160622	W3		
EASTER 9414	TRAILER, CRASS	25	4	16	82825	FB- REPAIR SPL. IN SIDE O STEELPERC 64972	CS		20160622	W3		
JF 924302	DRIVE #2 BAR SCREEN	25	4	16	82827	PCFB-REPAIR WHEEL ON C&A H. JOHNSON 6-4972	CS		20160628	W3		
JF 924301	METER-OVERHEAD LEVEL	25	4	16	81721	PCFB-FABRICATE NEW SHAFT FOR H. JOHNS 6-9733	W1		20160127	W4		
JF 925731	DUMPFSTER, F2001 (SCREEN R)	25	4	16	82810	PCFB- MAKE METAL BOX FOR RED BY R. BARTON	BBJ		20160606	W1		
Q140 935306	DUMPFSTER #1	25	4	16	82588	PCFB-REPAIR BUSHEN WHEEL H. JOHNSON 6-4972	WJ		20160414	W3		

Total • PCFB • Work Orders: COUNT 16

BROOK 50201	TANK-HYDRO-PNEUMATIC SEAL	25	4	14	80966	PCPS/CLIPS-CHEK SYSTEM pressure. steelperc 64972	CS		20131000	W3		
COLLIT 94002	PUMP STATION ORAIN/EAST/H/R	25	30	16	81266	PCPS/CHEK T&R BOX FOR (very noisy) steelperc 64972	CS		20151208	W1S		
DUNAL 94102	FACILITY-COAGULATE PUMP STA	25	4	14	82410	PCPS/INSTALL THERMOMETER to station) steelperc 64972	CS		20140902	W1S		
DUNAL 94102	PUMP, SEWAGE #2	25	30	16	81346	PCPS-REPAIR #2 PUMP WITH blow apart	WJ		20151230	W2		
DUNAL 945001	GENERATOR, DREGENCY,	25	4	16	82543	PCPS/ TUNING/LE HUMP TEST for load test steelperc 64972	CS		20160622	W3		
DUNAL 94001	STEELPERC-VACUUM PUMP #1&2	25	4	14	80810	PCPS/ INSPECT FOR INT F steelperc 64972	CS		20130623	W1B		
DUNAL 94100	FACILITY-INDIVIDUAL PUMPING	25	4	14	81936	PCPS/ REPLACE VAC GAUGES METERS-steelperc 64972	CS		20140212	W1S		
DUNAL 94103	PUMP, SEWAGE #3	25	4	16	82820	PCPS- PUMP OUT VAULT FOR E. RED BY H. JOHNS 6-9738	WJ		20150210	W1S		
DUNAL 94104	PUMP, SEWAGE #4	25	4	15	81883	PCPS-REBUILD SPARE PUMP. 65738	WJ		20150025	W2		
DUNAL 945302	PUMP, SEW #2	25	4	15	82340	PCPS-CHEK #1 PUMP WITH/IN leaking	WJ		20150604	W2		
EASTER 91101	PUMP, SEWAGE #2	25	4	16	82820	2 PCPS/ VCLIPS REPAIR W/SHUFF H. JOHNSON 6-4972	CS		20160621	W2		
EASTER 91905	PUMP, SEWAGE #1	25	4	15	81000	2 PCPS/ CHECK PUMP SEAL LE steelperc 64972	CS		20141125	W1S		
EASTER 91906	PUMP, SEWAGE #1	25	4	15	81032	PCPS/ CHECK OIL IN BEARI steelperc 64972	CS		20141125	W1S		
EASTER 91103	PUMP, SEWAGE #3	25	4	15	82659	PCPS/ ASSIST OPERATIONS steelperc 64972	CS		20141125	W1S		
EASTER 91902	PUMP, RIDING GRAVEL IN S	25	4	16	81116	PCPS/ CHECK #2 PUMP VALENT ATTENTION-ROBERT DEBELLUS	WJ		20150629	W1B		
EASTER 91301	SCREEN, BAR (NORTH)	25	4	16	81887	PCPS/ HUNTERIZE TRACTOR steelperc 64972	CS		20151113	W5		
EASTER 91302	SCREEN, BAR (SOUTH)	25	4	16	81887	PCPS-REPAIR SCREEN, RENE channel	WJ		20160210	W1S		
EASTER 91104	PUMP, SEWAGE #4	25	4	16	82149	PCPS/VCLIPS-VALE REDDED R NS- 65733	WJ		20160016	W1S		
EASTER 91904	TRAILER, LINE 18 (WEDDEATE	25	4	16	82805	PCPS/ ADJUST JACKING (LE steelperc 64972	CS		20160413	W1B		
		25	4	16	82805	PCPS-REPAIR HEADS/AVAILABLE attention; W11) Redded	WJ		20160628	W4		

07/05/16 09:24:54

Combined Backlog Report
Of's & HD's
Back River, PS & Misc.

ID: ----> BKTJAG
as of 07/05/16
Status 10 & 25

Misc 011

Co. No.	Area	Loc. No.	Machine Description	Machine Number	NO Sits	Plur Code	W/O	Short Problem Description	Full Problem Description	Req. Code	W/O Issue Date	Wk Sht Typ
11	PUMPING ST	EASTER 8414	TRAILER-GRAS		25	4	16.02806	PCPS-INSTALL A CHECK ON attention;Halter Hooks		WJ	20160608	WIS
		JF 923304	PUMP #1 SEAL WATER W/OTO		25	4	16.01138	PCPS-CHECK WATER SEALING WATER IS NOT GETTING TO THE MAIN PUMP PACKING		WJ	20161130	WIS
		JF 924101	SCREENING BAR #1(FRONT CLEAN		25	4	16.01700	PCPS/CLPS-REPAIR #1BAR BOX CAME apart from motor		WJ	20160811	WIS
		JF 923503	TANK SEAL WATER(OFFEN) #2		25	4	16.02622	PCPS/ REPLACE BLATTER TL stielperc 64972		CS	20160606	WIS
		0140 923102	VALVE #2 PUMP CONDUIT/SEA		25	30	16.02628	PCPS/ REPAIR VALV PACKING stielperc 64972		CS	20160601	WIS
		0140 923202	OPERATOR #2 PUMP CONDUIT		25	4	14.02400	CLPS/PCPS-REPAIR OPERAT correctivity stielperc 74972		CS	20140423	WIS
		0140 920102	RADAR-NET HELL LEVEL		25	4	14.02438	PCPS/ASSIST INSUS WITH R pipe in wall-stielperc 64972		CS	20140425	WIS
		0140 922102	VALVE #2 PUMP CONDUIT/SEA		25	4	16.01712	PCPS/ REPAIR LEAKING VAL. stielperc 64972		CS	20160114	WIS
		ST009 991134	PUMP-RAW SEWAGE #4 W/OTO		25	4	15.02017	PCPS/INSPECT PUMP (HAPPY stielperc 64972		CS	20150416	WIS
		ST009 991136	PUMP-NET HELL STMP. (OUTSI		25	4	16.00561	CLPS/PCPS- REPAIR PUMP (logged) stielperc 64972		CS	20150821	WIS
Total • PCPS • Work Orders: COURT 30												
		WURDAL 941104	PUMP-SEWAGE #4		25	4	17.00001	RECV/ST009-ASSIST JOB OT BACKLIVER HELD. TO THIS JOB ON OPERATIVE.ALSO THE ST009ROOM		WJ	20160706	WIS
		EASTER 911106	PUMP-ST009BY SEWAGE		25	4	13.00655	RECV - REPAIR OIL PAN TL stielperc 64972		CS	20121018	WIS
Total • RECV • Work Orders: COURT 2												
		CARDL 965701	CONTROLLER, PUMP, #1		25	4	15.01484	OPSEK/INSPS-INVESTIGATE C not working in auto-stielperc 64972		CS	20150002	WIS
		CARDL 965701	CONTROLLER, PUMP, #1		25	4	15.02623	OPSEK/CLPS-INSPECT (RIVE (oil) not run) stielperc 64972		CS	20160622	WIS
		DURDAL 948103	CONTROL-VFD #2 SEWAGE PUM		25	30	15.02723	OPSEK/INSPS/CLPS-REPAIR GROUND fault-stielperc 64972		CS	20150605	WIS
		DURDAL 948106	CONTROL-VFD #4 SEWAGE PUM		25	30	16.00674	OPSEK INVESTIGATE DRIVE (On Current) stielperc 64972		CS	20151005	WIS
		DURDAL 948103	CONTROL-VFD #2 SEWAGE PUM		25	30	16.02541	CLPS/OPSEK- REPAIR (RIVE FAULT) STIELPER 64972		CS	20160602	WIS
		JF 929003	SISTEM-SEWAGE		25	2	15.00178	OPSEK/ RESTORE COMMUNICAT system (operational booth) stielperc 64972		CS	20151006	WIS
		JF 928005	VFD #4 SEWAGE PUMP/CP2500		25	30	15.02524	OPSEK #2 VFD TRIPS OUT (T stielperc 64972		CS	20160203	WIS
		JF 929002	VFD #1 SEWAGE PUMP/CP2500		25	30	15.00877	OPSEK-#1VFD IS TRIPPING 0 Fail		WJ	20151006	WIS
		JF 929004	VFD #3 SEWAGE PUMP/CP2500		25	30	16.03235	OPSEK-PME REPAIRS TO #31 faults(stielperc 64972		CS	20160031	WIS
		JF 921000	FACILITY-THRES FALLS		25	4	11.01290	OPSEK-RELOCATE ALARM WHEN ARMED OPSEK ON 01201		CS	20160120	WIS
		JF 928004	VFD #1 SEWAGE PUMP/CP2500		25	4	15.02362	OPSEK-REPAIR #1VFD FAULT(over temp.)		WJ	20151116	WIS
		LU0FO 983000	FACILITY-LOCUST POINT		25	30	15.02173	OPSEK-ALARM ON PLC SCREEN critical ly loc. may affect performance		WJ	20150405	WIS
Total • OPSEK • Work Orders: COURT 14												
		B00LTH 951000	FACILITY-B00LTHIN PUMPING		25	4	13.00684	PENG-ROOF LEAKING	REQ BY C.STIELPER	CS	20121000	WIS
		COLLEAT 945001	MOTOR CONTROL CENTER		25	4	8.02	PENG-INVESTIGATE ELECTRIC FROM central pumping station may not be proper size for the		WJ	20100430	WIS
		DURDAL 941000	FACILITY-DURDALX PUMPING		25	30	15.00303	PENG/PCPS- INSTALL SUPT vault stielperc 64972		CS	2014091	WIS
		DURDAL 946101	CRANE BRIDGE (15 TON)		25	30	15.05546	CLPS/PENG-PME REPAIRS (1 ton up function pending) stielperc 64972		CS	20150617	WIS
		DURDAL 941000	FACILITY-DURDALX PUMPING		25	4	14.02666	PENG- INSPPECT ROOF VENT leaking stielperc 64972		CS	20110930	WIS
		DURDAL 941000	FACILITY-DURDALX PUMPING		25	4	14.02668	PENG-ROOF LEAKS NEEDS REP requester r slayton 6-5722		CS	110930	WIS
		DURDAL 941000	FACILITY-DURDALX PUMPING		25	4	13.00683	PENG-ROOF LEAKING	REQ BY C.STIELPER	CS	20121000	WIS
		DURDAL 919200	BUILDING-ETEX GENERATOR		25	30	13.01592	P-INVESTIGATE CAUSE OF POH station. Sullivan 64972		CS	20130110	WIS
		EASTER 915102	BOILER #2		25	30	15.01102	PCPS-INSTALL NEW RELIEF VALVE (CORRODED AND LEAKING.		WJ	151105	WIS
		EASTER 915101	BOILER #1		25	30	15.01103	PCPS-INSTALL NEW RELIEF VALVE (CORRODED AND LEAKING.		WJ	151105	WIS
		EASTER 915107	AIR HANDLING UNIT AND CHU		25	30	15.03337	W/PENG- REPAIR CHILLER (no control power) stielperc 64972		CS	20160603	WIS
		EASTER 911000	FACILITY-EASTERN WARE		25	4	12.02123	PENG-INVESTIGATE PRESSURE in wall mounted heater/chk is 64972		CS	120124	WIS

Co. No.	Area	Loc. Number	Machine Description	MO Sts	Pty Code	Pipe Code	14/0 Number	Short Problem Description	Full Problem Description	Req. By	Craft Code	MO Issue	Kit Snt Typ	Kit Snt
11	PUMPING ST	EASTER 911000	FACILITY, EASTERN AVENUE	25	4	TAD	12.0203	FEEL- REPAIR CONCRETE AND OVERLAY UP TRIPPING HAZARD--SEE CHRIS STELPER 64972		CS	FEIG	20120203	402	
		EASTER 911000	FACILITY, EASTERN AVENUE	25	4	TAD	12.0300	FEEL- INVESTIGATE REEF ON SEA CHRIS 64972		CS	FEIG	20120325	461	
		FTIC 902000	FACILITY, EASTERN AVENUE	25	4	RAZ	12.0262	FEEL- PROVIDE AND INSTALL SS SYSTEM AND SECURITY CAMERA SURVEILLANCE SYSTEM UPDATES.		TG	FEIG	20160419	409	
		HILLAND 951000	FACILITY, EAST COHENRY	25	4	RAZ	12.0674	FEEL- INVESTIGATE, INSTALL BACKUP GENERATOR/AUTO TRANSFER SWITCH FOR STATION.		JAD	FEIG	20110831	461	
		JF 921000	FACILITY, HIGLAND/DUMM	25	4	RAZ	12.0155	FEEL- INVESTIGATE 110 VLT BREAKER - (PER J MADDOCK) 64972		CS	FEIG	20111205	461	
		LACRO 965000	FACILITY, JONES FALLS	25	4	TAD	12.00529	FEEL- HAVE PHONE LINE AND INSTALLED IN UPSTAIRS WFD ROOM STELPER 64972		CS	FEIG	20110609	444	
		PCST 977801	SHUTTER TRANSFER	25	4	TAD	14.0125	FEEL- PROVIDE FIELD TANK TO T. NAVIS		CS	FEIG	20131219	444	
		PLTHD 985016	TEST BACKFLOW PREVENTERS	25	4	TAD	12.0308	FEEL- TEST & CERTIFY BACKFLOW IN ALL PUMPING STATIONS.		TAD	FEIG	20120619	427	
		PLTHD 985016	ANNUAL CRANE INSPECTIONS	25	4	TC	10.0308	FEEL- PERFORM CRANE SAFETY IN ALL PUMPING STATIONS AND REPORT		TG	FEIG	20100612	409	
		STRUK 991126	FACILITY, STONEY RAIN P.S	25	4	TAD	12.0159	FEEL- INVESTIGATE PREMATURE TRIP FAILURE (OPERATIONAL PROBLEMS OR PUMP DESIGN) REQUESTER RLS		TG	FEIG	20140509	409	
		STRUK 991126	FACILITY, STONEY RAIN P.S	25	4	TAD	13.0100	FEEL- INVESTIGATE PUMP CAN WITH DESIGN PROBLEM STELPER 64972		CS	FEIG	20111006	461	
		MSPT 971000	FACILITY, WESTPORT	25	4	RAZ	13.0022	2 FEEL- INVESTIGATE, INSTALL STELPER 64972		CS	FEIG	20130119	461	
										CS	FEIG	20121123	461	

Total • FEIG • Work Orders:
 COUNT 25

PCST 978101	PUMP, SUPP #1	25	5	16.02139	PT-ENGINE AND ATTACH PUMP BY J. DEINLEIN	JAD	FEI	20160314	446
PCST 978102	PUMP, SUPP #2	25	5	16.02140	PT-ENGINE AND ATTACH PUMP BY J. DEINLEIN	JAD	FEI	20160314	446

Total • FEI • Work Orders:
 COUNT 2

CLRT 991121	FACILITY, CLINTON STA. #1	25	3D	15.00505	3 EDCS/STOPS/STOPS-NO FORCE RED BY J. MADOCK 6-9748	JON	STUM	20140915	480
DUMBL 941104	PUMP, SERVICE #4	25	4	17.00001	2 FEEL- STORM- ASSIST RUN OF BACKFLOW TECH. TO THIS JOB ON OVERTIME. ALSO THE STORM ROOM W/	JAD	STUM	20160705	489

Total • STUM • Work Orders:
 COUNT 2

Area • PUMPING ST • Work Orders:
 COUNT 316

Total Co. • 11 • Work Orders:
 COUNT 317

Co. No.	Area	Machine Loc.	Machine Description	WO Sls	Plnr Pkty Code	WO Number	Short problem Description	Full Problem Description	Req. By	WO Issue Date	Wk Snt Typ	Clis
80	MISC	PETER 90011	FACILITY-MT. WASHINGTON PE	25	4	11.95141	BLDG-PAINT-PAINT BLDG WRT	RED BY R BARTON JR	RSJ	20110510	K25	
		PETER 90014	FACILITY-FAKREX PETERING	25	4	12.95152	BLDG-BUILD STEPS FOR STAIR	RED BY R BARTON JR	RSJ	20120115	K28	
		PETER 90013	FACILITY-MT. WASHINGTON PE	25	4	12.95194	BLDG-PAINT-PAINT PETERING	RED BY R BARTON JR	RSJ	20120303	K25	
		PETER 90007	FACILITY-ROSTON WFE. STA.	25	4	15.95013	BLDG-PAINT-PAINT BOX AT S	RED BY R BARTON JR	RSJ	20140729	K25	
		PETER 90005	FACILITY-CARVER DRIVE ST	25	4	15.95014	BLDG-PAINT-PAINT BOX AT	RED BY R BARTON JR	RSJ	20140729	K25	
		PETER 90004	FACILITY-LONG PLACE STA.	25	4	15.95015	BLDG-PAINT-PAINT BOX AT	RED BY R BARTON JR	RSJ	20140729	K25	
		PETER 90016	FACILITY-FAKREX PETERING	25	4	15.95016	BLDG-PAINT-PAINT BOX AT	RED BY R BARTON JR	RSJ	20140729	K25	
		PETER 90011	FACILITY-ROXBOROUGH PETER	25	4	15.95017	BLDG-PAINT-PAINT BOX AT	RED BY R BARTON JR	RSJ	20140729	K25	
		PETER 90009	FACILITY-HEERING RUN STA.	25	4	15.95018	BLDG-PAINT-PAINT BOX AT	RED BY R BARTON JR	RSJ	20140729	K25	
		PETER 90000	FACILITY-PETERING STATION	25	4	15.95019	BLDG-PAINT-PAINT BOX AT	RED BY R BARTON JR	RSJ	20140729	K25	
		ROSEL 95200	MUNICIPAL BUILDING	25	4	16.95103	BLDG-PAINT-PAINT ALL OF T	RED BY R BARTON JR	RSJ	20160521	K25	
		PARKE 95200	PARK TEHRING (UTILITIES)	25	4	14.95124	BLDG-TO PAINT OFFICES	on 3rd fl municipal bldg. req by c.carter sr per invoice br cc	CC	20140530	K25	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	14.95121	ELEC-RELOC INSTALL PANEL	A circuit for computers-coffee-maker and other equipment	DTS	20140530	K22	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	3D	16.95012	BLDG-RELOC 5 PALLETS OF	from the storeroom to our storage building over behind	EP	20140530	K22	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	3D	16.95024	BLDG-SINK LEAKING INTO FL	There is a maintenance problem/health issue with the sink's	EP	20150928	K44	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	13.95003	BLDG - INSTALL SODA DISP	REQUESTER: P. BOWLE 6-9535.	PB	20120725	K15	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	14.95005	BLDG. - NEW LANDING LOCK	IN / ALSO MAKING A LIND SEALING SOUND	PB	20130619	K29	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	16.95013	BLDG-INK & TONER CARTRIDGE	to the electronics recycling area at maintenance.	PB	20150530	K20	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	16.95000	BLDG-CURTAINS IN BLDG	entrance.	EP	20151118	K71	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	16.95078	BLDG-TO PAINT FLOOR	ground floor stairwell. req by c.carter sr. 6-9708	CC	20160428	K25	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	16.95079	BLDG-TO STRIP, WAX AND	exp hallways, offices and obicles at pollution control area	CC	20160428	K24	
		PULCH 95000	FACILITY-POLLUTION COMT.	25	4	16.95102	BLDG-LOADING DOOR LOCK	NO REPORTED BY PAT BOWLE	PB	20160517	K48	
		MISE 95001	WAREHOUSE #5	25	4	16.95075	BLDG-FIXED WHEEL FROM	RED BY PAINT	TE	20160425	K28	

Total • BLDG • Work Orders:
 COUNT 23

CITTD 99500 MISC.CITY WIDE PROBLEMS 25 4 SFS 12.95052 3

Total • DRAF • Work Orders:
 COUNT 1

PETER 960004 FACILITY-LONG PLACE STA. 25 4 12.95039

Total • ELOPS • Work Orders:
 COUNT 1

ASBUR 95200	ASHBURN FILTRATION PLT.	25	3D	14.95062	ELEC-ASSIST DEN RUTHER	repairing road lights at 3001 Truitt Park Drive phase #	ELS	20131031	K23
CITTD 99500	MISC.CITY WIDE PROBLEMS	25	2	14.95100	REC-RELOC/ONS/RELOC/STON	PETERS ON OVERDIE.	JMO	20140307	K89
CITTD 95002	FACILITY-GRAPHICS & SIGNS	25	3	16.95054	MECH/ELEC-INSTALL EXHAUS	AND EXHAUST FANS PER DRAWINGS.	JDB	20150125	K20
157TH 95200	FACILITY-15L.PT. BENT HOUS	25	4	17.95152	ELEC-PURCHASE AND INSTALL	square D tandem breakers to separate and install 2 new outle	CCD	130619	K28
157TH 95200	HEATER, HOT WATER	25	4	13.95154	ELEC-PURCHASE AND INSTALL	ter for building. Heater that was bought was wrong.	CCD	20100619	K28
PARKE 95200	PARK TERRIBAL (UTILITIES)	25	4	14.95121	ELEC-RELOC INSTALL PANEL	A circuit for computers-coffee-maker and other equipment	DTS	20140530	K22
PARKE 95200	PARK TERRIBAL (UTILITIES)	25	4	14.95150	ELEC-FEDERAL SUPP PMP T	breaker and needs to be replaced	DTS	140617	K15
PULCH 95000	FACILITY-POLLUTION COMT.	25	3D	16.95068	ELEC-ALL LIGHTS OUT OVER	DESK. SEE PAT BOWLE	PB	20160304	K20
PULCH 95000	FACILITY-POLLUTION COMT.	25	4	14.95066	ELEC - ETC. 6-9588 & 563	WORKING	PB	20140207	K44
MISE 95001	WAREHOUSE #5	25	3D	15.95123	ELEC-LINE DOWN	Jeff Jones from Archer Western just called me.	JMO	20150503	K22
MISE 95001	WAREHOUSE #5	25	4	15.95042	ELEC-RUN NEW CIRCUIT AND	BREAKERS FOR PORTABLE HEATERS	CCD	20151211	K15

PETER 960004 FACILITY-LONG PLACE STA. 25 4 12.95039

Total • ELOPS • Work Orders:
 COUNT 1

PETER 960004 FACILITY-LONG PLACE STA. 25 4 12.95039

07/05/16 08:24:54

Combined Backlog Report
CITY OF MOBILE
Back River, IS & Misc.

ID:----> BACKLOG
as of 07/05/16
Status: 10 & 25

PAGE 02

Co. No.	Area	Machine No.	Machine Description	Plur Code	Plur Code W/O	Start Problem Description	Full Problem Description	Req. By	Craft Issue Date	HK Bt Typ	
80	MISC	METER 960012	FACILITY-FREDRICK ED. NETE	25	4	15.55200	CRGS-HED- CLEAN FLUME AT RED BY R BARTON JR	BBJ	0805	20140729	1485
		METER 960005	FACILITY-CAMPBELL DRIVE ST	25	4	16.55104	CRGS-JET ROD FLUME FOR ST RED BY R BARTON JR	BBJ	0805	20160520	1485
				Total • BLJ • Work Orders:						COUNT 11	
		MISC 960001	WAREHOUSE 45	25	4	14.55042	BA-NO HEAT	PH	PA	20140113	1419
				Total • HA • Work Orders:						COUNT 1	
		METER 960001	FACILITY-WALKER AVE. STA.	25	4	16.55110	INSPS- RESTORE PROGRAM BA RED BY R BARTON JR	BBJ	INPS	20160615	1421
				Total • INSPS • Work Orders:						COUNT 1	
		CITIMD 960002	FACILITY GRAPHICS & SIGNS	25	3	15.55054	2 MECH/ELEC-INSTALL EXHAUST AND EXHAUST FANS PER DRAWINGS.	JOB	MECH	20160126	1409
				Total • MECH • Work Orders:						COUNT 1	
		CITIMD 969900	MISC-CITY WIDE PROJECTS	25	4	14.55032	2 FEEL/PLUMB-FAB AND INSTAL STORM WATER INTERTAKE. LOCATION 1601 WEST BAL. RD. ST.	JOB	FEEL	20111029	1401
		CITIMD 969900	MISC-CITY WIDE PROJECTS	25	4	10.55201	2 FEEL- INVESTIGATE FLOOD DO AT LOCH RIVER DAM.	JOB	FEEL	20120315	1451
				Total • FEEL • Work Orders:						COUNT 2	
		CITIMD 969900	MISC-CITY WIDE PROJECTS	25	2	15.55112	4 FT-ASSIST WATER DEPT. HEAT RED BY H. KELLEY PER UIN	M.K.	FT	20150713	1422
				Total • FT • Work Orders:						COUNT 1	
		CITIMD 969900	MISC-CITY WIDE PROJECTS	25	2	14.55100	5 MECH/ELEC/CRGS/BLDG/STORM PETERS ON OPERATIVE.	JOB	STORM	20140307	1469
				Total • STORM • Work Orders:						COUNT 1	
				Area • MISC • Work Orders:						COUNT 45	
				Total Co. • EO • Work Orders:						COUNT 46	

07/05/16 08:24:54

Combined Backlog Report
CIT'S & MDD'S
Back River, FS & Misc.

Id:-----> BACKLOG
as of 07/05/16
Status 10 & 25

PAGE 63

Co. No.	Area	Loc. No.	Machine No.	Machine Description	ID	Sts	Plnr	Party Code	Code	Number	Short problem Description	Full Problem Description	Req. By	Craft Code	Issue Date	Hrk	Shr	Typ	Clis
---------	------	----------	-------------	---------------------	----	-----	------	------------	------	--------	---------------------------	--------------------------	---------	------------	------------	-----	-----	-----	------

FINAL TOTALS
COUNT 2,432

*** END OF REPORT ***

APPENDIX 5

SUMMARY OF REPORTED OVERFLOWS



SSO No. 67

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

None Reported this Quarter

SSO No. 72

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

5/6/2016	Flow Meter in Place	1.15
----------	---------------------	------

SSO No. 135

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

None Reported this Quarter

SSO No. 137

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

Flow monitor removed on July 1, 2015 for construction

SSO No. 138

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

None Reported this Quarter

SSO No. 139

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

None Reported this Quarter

SSO No. 153

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

None Reported this Quarter

SSO No. 154

<u>Date</u>	<u>Surcharge Depth (in)**</u>	<u>Rainfall (in)</u>
-------------	-------------------------------	----------------------

None Reported this Quarter



Pumping Station Overflows

<u>Pumping Station</u>	<u>Date</u>	<u>Volume Loss (gal)</u>	<u>Rainfall (in)</u>
------------------------	-------------	--------------------------	----------------------

None Reported this Quarter

Wastewater Treatment Plant Overflows

<u>WWTP</u>	<u>Date</u>	<u>Volume Loss (gal)</u>	<u>Rainfall (in)</u>
-------------	-------------	--------------------------	----------------------

Patapsco		None Reported this Quarter	
----------	--	-------------------------------	--

Back River		None Reported this Quarter	
------------	--	-------------------------------	--



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending June 30, 2016

Month	Estimated Volume (Gal)	Cause	Rain (In)	Receiving Waters	Location	Zip
APRIL	232	Rags, Grease	0.22	N/A	3000 Reisterstown Rd	21215
APRIL	760	Rags, Grease	0.16	N/A	18 W 25th St	21218
APRIL	280	Rags, Grease, Trash, Sand, Gravel, Rocks	0	N/A	2600 Strathmore Ave	21214
APRIL	Evidence of Overflow	Roots	0.15	N/A	4004 Maine Ave	21207
APRIL	310	Rags, Roots	0	N/A	2223 Wheatley Dr	21207
APRIL	475	Rags, Grease	0	Gwynns Falls	1900 Ashburton St	21216
APRIL	Evidence of Overflow	Roots, Trash, Sand, Gravel, Rocks	0	N/A	1630 Moreland Ave	21216
APRIL	Evidence of Overflow	Rags	0	N/A	1550 Bruce Ct	21217
APRIL	2,350	Rags	0.43	Inner Harbor	5300 Holabird Ave	21224
APRIL	Evidence of Overflow	Rags	0.43	N/A	222 N Greene St	21201
APRIL	Evidence of Overflow	Rags, Grease	0.43	N/A	1217 N Patterson Pak Ave	21213
APRIL	Evidence of Overflow	Unknown	0.43	N/A	718 Lennox St	21217
APRIL	720	Rags, Trash, Sand, Gravel, Rocks	0.43	N/A	1801 Chelsea Rd	21216
APRIL	Evidence of Overflow	Rags, Grease, Trash, Sand, Gravel, Rocks	0	N/A	1800 Falls Rd	21211
APRIL	1,250	Rags, Trash, Sand, Gravel, Rocks	0	N/A	2023 McHenry St	21223
APRIL	Evidence of Overflow	Trash, Sand, Gravel, Rocks	0.33	N/A	1138 Scott St	21230
APRIL	Evidence of Overflow	Rags	0	N/A	239 N Monroe St	21223
APRIL	Evidence of Overflow	Rags, Grease	0.04	N/A	830 N Broadway	21205
APRIL	192	Rags, Grease, Trash, Sand, Gravel, Rocks	0.04	N/A	820 Bridgeview Rd	21225
APRIL	Evidence of Overflow	Rags	0.04	N/A	1013 Darley Ave	21218
APRIL	405	Rags, Roots	0	Jones Falls	1701 Sulgrave Ave	21209
APRIL	482	Rags, Roots	0	N/A	903 Nottingham Rd	21229
APRIL	Evidence of Overflow	Rags	0	N/A	4213 Ridge Wood Ave	21215
APRIL	Evidence of Overflow	Rags	0	N/A	1318 Hull St	21230
APRIL	Evidence of Overflow	Pipe Break	0	N/A	1507 N Collington Ave	21213
APRIL	Evidence of Overflow	Rags, Roots	0	N/A	305 E University Pkwy	21218
APRIL	800	Rags, Grease	0	Gwynns Falls	2700 Frederick Ave	21223
APRIL	Evidence of Overflow	Rags, Roots	0	N/A	2801 Strathmore Ave	21214
APRIL	360	Rags, Trash, Sand, Gravel, Rocks	0	Patapsco River	408 Cambria St	21225
APRIL	1,130	Rags, Roots, Grease, Trash, Sand, Gravel, Rocks	0	Gwynns Falls	2223 Monticello Rd	21216
APRIL	107	Roots, Grease	0	N/A	3630 Old Frederick Rd	21229
APRIL	155	Roots	0	N/A	3739 Nortonia Rd	21216
APRIL	Evidence of Overflow	Rags, Roots, Trash, Sand, Gravel, Rocks	0	N/A	1730 Bolton St	21217
APRIL	Evidence of Overflow	Pipe Break	0	N/A	1533 Bentalou St	21216
APRIL	Evidence of Overflow	Rags, Grease, Trash, Sand, Gravel, Rocks	0	N/A	5268 Cordelia Ave	21215
APRIL	5,801	Infiltration/Inflow, Pipe Break	0	Western Run	5009 Blythewood Rd	21210
APRIL	Evidence of Overflow	Pipe Break	0	N/A	3402 Woodbine Ave	21207
APRIL	318	Roots, Trash, Sand, Gravel, Rocks	0	N/A	5204 Roland Park Country School	21210
APRIL	Evidence of Overflow	Rags	0	N/A	912 N Montford Ave	21213



**City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending June 30, 2016**

Month	Estimated Volume (Gal)	Cause	Rain (in)	Receiving Waters	Location	Zip
APRIL	345	Rain, Pipe Break	0	Stony Run	5512 Boxhill Lane	21210
APRIL	375	Grease, Trash, Sand, Gravel, Rocks	0	N/A	6 N Hilton St	21229
APRIL	Evidence of Overflow	Trash, Sand, Gravel, Rocks	0	N/A	721 E Preston St	21202
APRIL	Evidence of Overflow	Roots	0	N/A	4101 Balfern Ave	21213
APRIL	Evidence of Overflow	Trash, Sand, Gravel, Rocks	0	N/A	1007 N Iris Ave	21205
APRIL	Evidence of Overflow	Rags, Trash, Sand, Gravel, Rocks	0.09	N/A	1450 Ridgely St	21230
APRIL	Evidence of Overflow	Pipe Break	0.09	N/A	912 N Montford Ave	21213
APRIL	Evidence of Overflow	Rags	0	N/A	4002 Ridgewood Rd	21215
APRIL	Evidence of Overflow	Trash, Sand, Gravel, Rocks	0	N/A	4205 Elsrode Ave	21214
APRIL	Evidence of Overflow	Other	0	N/A	2305 E Fairmount Ave	21224
APRIL	2,000	Rags, Grease, Trash, Sand, Gravel, Rocks	0	Gwynns Falls	4104 Fairview Ave	21216
APRIL	202	Rags, Roots, Trash, Sand, Gravel, Rocks	0	Biddison Run	6830 Everall Ave	21236
APRIL	Evidence of Overflow	Grease	0	N/A	502 Wingate Rd	21210
APRIL	Evidence of Overflow	Roots	0	N/A	460 Roundview Rd	21225
APRIL	184	Rags, Trash, Sand, Gravel, Rocks	0	N/A	1414 McCulloh St	21217
APRIL	610	Rags, Grease, Trash, Sand, Gravel, Rocks	0.19	Colgate Creek	6225 Boston St	21224
APRIL	Evidence of Overflow	Rags, Roots	0.19	N/A	5137 Wetheredsville Rd	21207
APRIL	136	Roots, Trash, Sand, Gravel, Rocks	0.04	N/A	1501 S Edgewood St	21227
APRIL	Evidence of Overflow	Rags, Trash, Sand, Gravel, Rocks	0.04	N/A	10 E 22nd St	21218
MAY	Evidence of Overflow	Trash, Sand, Gravel, Rocks, Pipe Break	0.33	N/A	1813 W. Lafayette Ave	21217
MAY	Evidence of Overflow	Roots	0.07	N/A	2202 E Fairmont Ave	21231
MAY	178	Rags, Grease, Trash, Sand, Gravel, Rocks	0	N/A	428 E Preston St	21202
MAY	Evidence of Overflow	Rags, Roots	1.14	N/A	1804 Bolton St	21217
MAY	1,910	Rags, Grease	1.14	N/A	2900 Rosalind Ave	21215
MAY	Evidence of Overflow	Rags, Roots	1.14	N/A	5816 Berkley Ave	21215
MAY	694	Rags	1.14	N/A	6221 Greenspring Ave	21209
MAY	Evidence of Overflow	Unknown	0	N/A	1318 Hull St	21230
MAY	Evidence of Overflow	Rags, Roots	0	N/A	3007 Ridgewood Ave	21215
MAY	368	Rags, Grease	0	N/A	3701 Southwestern Blvd	21229
MAY	4,814	Rags, Trash, Sand, Gravel, Rocks	0	Jones Falls	2951 Rosalind Ave	21215
MAY	Evidence of Overflow	Rags, Pipe Break	0.01	N/A	4522 Keswick Rd	21210
MAY	Evidence of Overflow	Roots	0.01	N/A	4705 Keswick Rd	21210
MAY	339	Rags, Trash, Sand, Gravel, Rocks	0.01	N/A	Ravenwood Ave and Belair Rd	21213
MAY	9,767	Infiltration/Inflow, Pipe Break	0.64	Jones Falls	2910 Woodland Ave	21215
MAY	Evidence of Overflow	Rags, Roots, Grease	0.01	N/A	302 Woodlawn Rd	21210
MAY	2,300	Rags, Roots, Trash, Sand, Gravel, Rocks	0.01	N/A	1052 Bethune Rd	21225
MAY	Ongoing	Infiltration/Inflow, Pipe Break	0.01	Jones Falls	2904 Woodland Ave	21215
MAY	1,394	Infiltration/Inflow, Pipe Break	0.01	Jones Falls	2912 Woodland Ave	21215
MAY	Evidence of Overflow	Pipe Break	0.05	N/A	2725 Hampden Ave	21211



City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending June 30, 2016

Month	Estimated Volume (Gal)	Cause	Rain (In)	Receiving Waters	Location	Zip
MAY	Evidence of Overflow	Rags, Roots	0.12	N/A	104 Elmhurst Ave	21210
MAY	Evidence of Overflow	Rags, Roots	0.12	N/A	6003 Pinehurst Rd	21212
MAY	Evidence of Overflow	Rags, Roots	0	N/A	1821 W Mulberry St	21223
MAY	Evidence of Overflow	Rags, Grease	0	N/A	2019 Barclay St	21218
MAY	Evidence of Overflow	Pipe Break	0	N/A	2024 Smallwood St	21216
MAY	940	Grease, Trash, Sand, Gravel, Rocks	0	N/A	1707 Warwick Ave	21216
MAY	Evidence of Overflow	Rags, Roots	0	N/A	2417 Madison Ave	21217
MAY	128	Rags, Trash, Sand, Gravel, Rocks	0	N/A	1621 N Chapel St	21213
MAY	Evidence of Overflow	Roots	0	N/A	2418 Saint Paul St	21218
MAY	450	Rags, Roots, Grease	0	N/A	3000 Harford Rd	21218
MAY	350	Rags, Grease, Trash, Sand, Gravel, Rocks	0	Jones Falls	4307 Laplata Ave	21211
MAY	Evidence of Overflow	Rags, Roots	0.33	N/A	429 Westgate Rd	21229
MAY	1,790	Rags, Roots, Grease	0.52	N/A	5268 Cordelia Ave	21215
MAY	1,150	Rags, Grease, Trash, Sand, Gravel, Rocks	0	Jones Falls	1510 Guildford Ave	21202
MAY	6,230	Pipe Break	0	Gwynns Falls	1600 Forest Hill Ave	21230
MAY	Evidence of Overflow	Rags, Roots	0	N/A	2800 Rosalind Ave	21215
MAY	Evidence of Overflow		0	N/A	3113 Tilden Dr	21211
MAY	1,140	Rags, Roots, Grease	0	N/A	Dolphin Ln and Park Ave	21217
MAY	96	Rags, Grease, Trash, Sand, Gravel, Rocks	0	N/A	2437 Maryland Ave	21218
JUNE	650	Rags, Grease, Trash, Sand, Gravel, Rocks	0.01	N/A	3446 Spelman Rd	21225
JUNE	Evidence of Overflow	Rags, Roots, Trash, Sand, Gravel, Rocks	0.03	N/A	803 E 22nd St	21218
JUNE	Evidence of Overflow	Roots	0	N/A	947 Montpelier St	21218
JUNE	Evidence of Overflow	Trash, Sand, Gravel, Rocks	0	N/A	224 N Milton Ave	21224
JUNE	Evidence of Overflow	Rags, Roots	0.03	N/A	3923 Boarman Ave	21215
JUNE	Evidence of Overflow	Grease	0	N/A	2028 W Eagle St	21223
JUNE	Evidence of Overflow	Trash, Sand, Gravel, Rocks, Pipe Break	0	N/A	224 N Milton Ave	21224
JUNE	1,169	Pipe Break	0	Herring Run	2905 Christopher Ave	21214
JUNE	Evidence of Overflow	Trash, Sand, Gravel, Rocks	0	N/A	2924 Mallview Rd	21230
JUNE	6,250	Pipe Break	0	Herring Run	2905 Christopher Ave	21214
JUNE	131	Rags, Grease	0	N/A	1425 Poplar Grove St	21216
JUNE	3,045	Rags, Grease	0	N/A	336 S Calhoun St	21223
JUNE	Evidence of Overflow	Rags, Trash, Sand, Gravel, Rocks	0.54	N/A	200 N Milton Ave	21224
JUNE	Evidence of Overflow	Roots, Trash, Sand, Gravel, Rocks	0.54	N/A	2805 Overland Ave	21214
JUNE	Evidence of Overflow	Rags, Grease	0.07	N/A	Round Rd & Bridgeview Rd	21225
JUNE	179	Roots	0.07	Inner Harbor	947 Montpelier St	21218
JUNE	Evidence of Overflow	Pipe Break	0	N/A	2049 Whistler Ave	21230
JUNE	375	Trash, Sand, Gravel, Rocks	0	Inner Harbor	220 N Milton Ave	21224
JUNE	Evidence of Overflow	Rags, Roots, Grease	0	N/A	948 Bennett Pl	21223



**City of Baltimore
Un-Permitted Sanitary Sewer Overflows
For Calendar Quarter Ending June 30, 2016**

Month	Estimated Volume (Gal)	Cause	Rain (in)	Receiving Waters	Location	Zip
JUNE	745	Rags, Roots	1.04	Gwynns Falls	3915 Stokes Dr	21229
JUNE	15,000	Rain	1.04	Jones Falls	1901 Falls Rd	21211
JUNE	820	Rags, Grease, Roots	0	N/A	917 Seagull Ave	21225
JUNE	180	Rags, Grease	0	N/A	2040 Linden Ave	21217
JUNE	Evidence of Overflow	Roots	0	N/A	201 Deepdene Rd	21210
JUNE	595	Rags, Grease, Trash, Sand, Gravel, Rocks	0.49	Inner Harbor	838 Herndon Ct	21225
JUNE	Evidence of Overflow	Grease, Trash, Sand, Gravel, Rocks	0.49	N/A	1721 N Register St	21213
JUNE	Evidence of Overflow	Rags, Trash, Sand, Gravel, Rocks	0.49	N/A	5200 Beaufort Ave	21215
JUNE	Evidence of Overflow	Rags, Trash, Sand, Gravel, Rocks	0.7	N/A	2257 Cedley St	21230
JUNE	132	Rags, Grease, Trash, Sand, Gravel, Rocks	0.7	N/A	5713 Belair Rd	21206
JUNE	Evidence of Overflow	Rags, Roots	0.03	N/A	5200 Beaufort Ave	21215
JUNE	Evidence of Overflow	Rags, Roots	0.03	N/A	614 Hollen Rd	21212
JUNE	Evidence of Overflow	Roots	0.03	N/A	3903 Mayberry Ave	21206
JUNE	Evidence of Overflow	Roots, Grease	0.03	N/A	315 E 23rd St	21218
JUNE	75	Rags, Roots, Grease	0.85	N/A	1200 Evesham Ave	21239
JUNE	Evidence of Overflow	Rags, Grease	0.85	N/A	821 S Dean St	21224
JUNE	390	Rags, Rootd	0	Jones Falls	4100 Keswick Rd	21210
JUNE	147	Rags, Roots, Trash, Sand, Gravel, Rocks	0	Jones Falls	6307 Western Run Dr	21209



Updated through June 30, 2016

No.	SDUO No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (7, 8, 9)	Measures Taken to Identify Source or Resolve	Future/Planned Work
1	14	8/18/2007	JHU Campus	21218	Jones Falls	Resolved 5/11/2016	Abated	4,027,245	Follow up investigation appeared (last connection CCTV and dye testing were used to confirm the source of problem).	JHU staff has addressed the issue and completed the required work to abate this SDUO. This SDUO is no longer active.
2	38	11/8/2009	3302 Esther Place (inside S-1 storm drain)	21212	Inner Harbor	Not Resolved	On-going	1,400,018	Active - With Department of Housing and Community Development (DHCD) Violation Notice issued 11/2/2015. Housing has been working in resolving the problem. IOOE The owner met with owner and issue has been resolved. SDUO. DPW contractor has been assigned to install a new lateral.	Owner has redirected the plumbing for this location, so DPW can install a lateral and connect it to sanitary line. A contractor has been assigned under SC643 to install a new lateral. This SDUO should be abated by 07/30/2016
3	55	8/10/2011	Marmosa & Parkside	21206	Herring Run	Not Resolved - confirming process	On-going	68512	Line has been lined, significant drop in ammonia readings (below 0.3 mg/l). Wiring to the system to flush residuals. Follow up is scheduled on 07/20/16	Work has been completed under SC643. Follow up with ammonia and bacteria sampling to confirm abatement
4	60	12/4/2012	Fiel & Grundy	21224	Inner Harbor	Not Resolved - confirming process	On-going	75435	Heavy cleaning and CCTV performed. Dye testing of 3000 Fat Aye confirmed the property is not the source. Manhole installed and the sanitary house connection (SHC) was indicated from storm drain. Further investigation indicated that the storm drain has been redirected to the sanitary line. Ammonia level has dropped from 35 mg/l to 0.9 mg/l. Storm system has been flushed to clean it from residuals.	Uncharted ulbers were found. Work has been completed under SC644 (replacing sanitary lateral from the storm to the sanitary line). Flushing the system many times is required to confirm abatement (high amount of residuals).
5	76	7/26/2013	500 block of Bloom St.	21217	Jones Falls	Not Resolved	On-going	1,341,778	CCTV program in progress. Living repair work was performed under Consent Decree project. Replaced sanitary line with 10" pipe. 10 Ft of sanitary line has been replaced. Spaced out pipe using ROBBIE truck has been requested. 38 ft pipe has been replaced. Limiting 187 ft and one manhole has been scheduled.	Work has been assigned and partially completed. Assigned work should be completed on 07/20/16
6	82	9/17/2013	Fleet & Fagley Streets	21224	Patuxent	Not Resolved	On-going	1,341,778	Dye test and CCTV in progress. Uncharted ulbers were found. New investigation indicated more uncharted ulbers. MH has been installed and a request has been sent to contractor to install a new MH to continue our investigations.	Our crew is in the process of finding new ways to determine the source of the sewage. Dye testing didn't conclude any successful results. Progress has been going well, manhole has been requested to finish investigation. Final solution for the SDUO should be determined by the end of July 2016
7	87	8/10/2014	Charlie St. and Linnvale St	21214	Jones Falls	Resolved 07/08/2016	Abated	28,065	2 point-repairs, and 2 pipe segments were lined which abated SDUO.	Work has been completed which abated SDUO. This SDUO is no longer active

Updated through June 30, 2016

No.	SDUO No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note 6 Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (7, 8, 9)	Measures Taken to Identify Source or Resolve	Future/Planned Work
8	93	2/16/2015	2400-2500 Blocks of W. Coldspring Ln	21215	Jones Falls	Not Resolved- confirming process	Ongoing	5,497	Two lines were lined. Intensive dye testing and CCTVing indicated one source of the SDUO. Contractor has been assigned to perform one-point-repair under SC942. 274 ft pipe has been lined. Confirming abatement dye testing of the SDUO. Backflow sampling has been completed. Backflow sampling has been completed. L/Rge amount of ground water which makes confirming abatement harder. Massive dye testing has been scheduled.	Recent CCTV determined a failure in a sewer segment. Contractor has been assigned to perform the required work. 275 ft pipe has been lined. No sign of dye, more sampling has been collected to determine bacteria level. Massive testing for this area has been scheduled to confirm abatement.
9	94	2/16/2015	2000 Block of Loyale Northwest	21215	Jones Falls	Not Resolved	Ongoing	10,774	Rehab recommendation was part of consent decree project SC909. Work is completed. Lateral launching and lining have been assigned. Lining has been assigned under SC942. Work should be completed before the end of July 30 2016	Sewer line has been lined which solved the problem. Lateral launching and lining has been assigned. Lining should be completed before the end of July 30 2016
10	151F62	7/10/2015	3751 Greenmount Ave (Bicat connection)	21218	Jones Falls	Resolved: 3/14/2016	Abated	41,273	Biccat Connection - direct connection	Property owner has performed the required work under the supervision of DPW staff/Problem is abated.
11	151F05	7/30/2015	224 36th Street (Biccat connection)	21218	Jones Falls	Not Resolved- confirming process	Ongoing	20,966	Failure in the sanitary house connection. Point repair has been completed. Confirming statement has been pending to gain access to the property	Work has been completed. Waiting for owner to allow access to the property to confirm abatement.
12	151B02	11/16/2015	114 E. Leaverton St. The Levee Apartments (Biccat connection)	21202	Inner Harbor	Resolved: 5/18/2016	Abated	430,035	10 stories building which was remediated 2 years ago. Major plumbing mistakes have been done. Some apartments were illegally connected to the sewers. Property management was informed of the problem. Owner was notified the required work to take this SDUO. The SDUO is no longer active	Work has been completed which abated SDUO. This SDUO is no longer active
13	16L702	1/7/2016	Crest Rd & 5801 Greenspring Rd	21209	Inner Harbor	Not resolved	Ongoing	1,503	Crack was found in the Sanitary system. CCTV and dye testing was performed to determine the leaking assets. Many repairs have been done, but SDUO is still active. Dye is being indicated a small leak, contractor is being assigned under SC944 to complete the required work.	Multiple point (repairs, manhole channel) rehab, and lining has been completed. Significant drop in average entering storm. Contractor has been assigned under SC944 to complete the required work.
14	16B701	3/11/2016	1501 Hanesdale Road	21239	Back River	Not resolved	Ongoing	1,011	Sewerage is leaving 5 MGD line from unknown source (discharge estimated to be 0.25 GPM/min). Lining has been performed for two segments of this line. Flow has dropped after lining	Further investigation is needed.

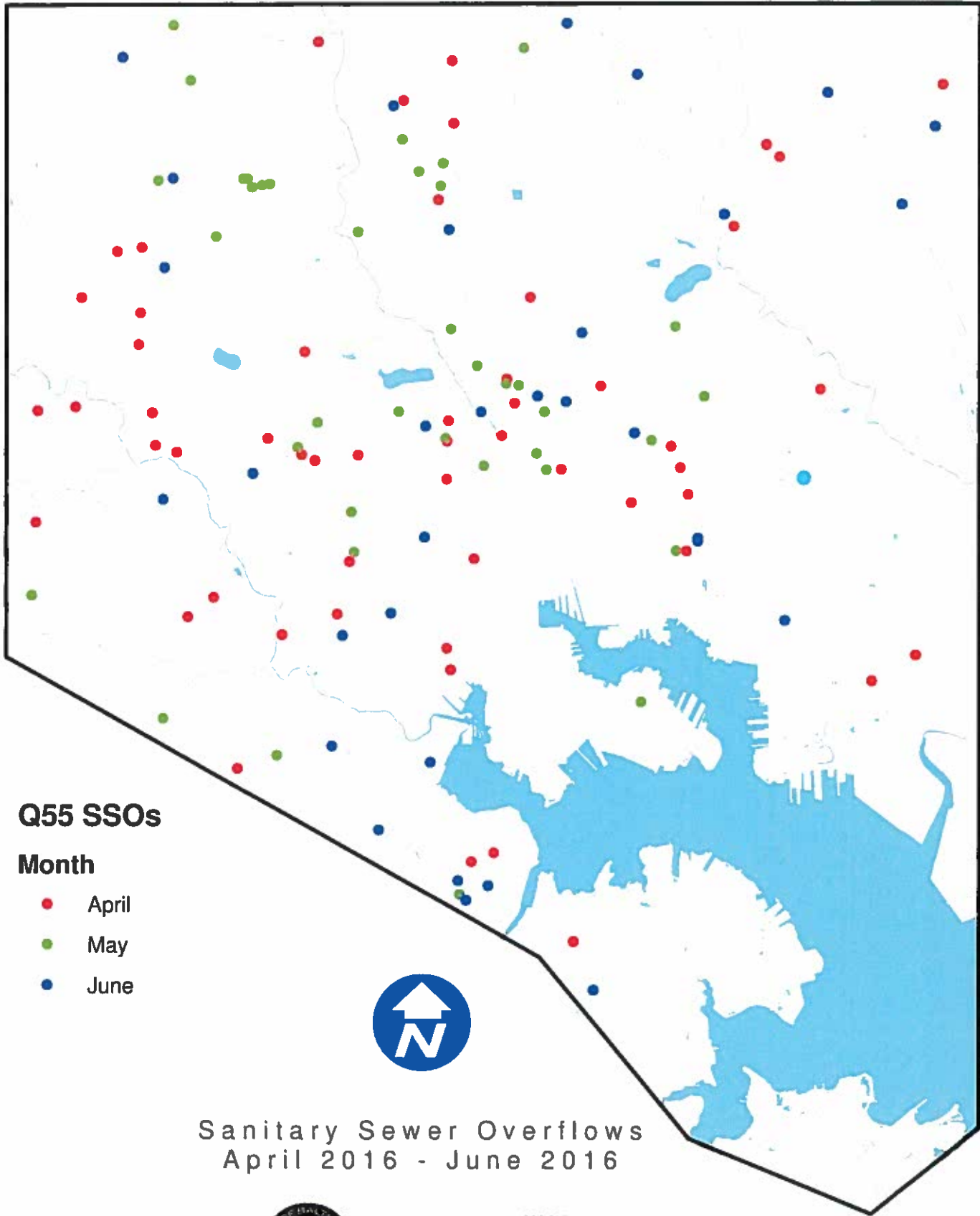
Updated through June 30, 2016

No.	SDUO No.	Date of Occurrence	Location	Zip Code	Stream Affected	Date of Resolution (See Note B Below)	Duration (Days)	Est. Quantity of Discharge in Gallons (7, 8, 9)	Measures Taken to Identify Source or Resolve	Future/Planned Work
16	16F01	4/15/2016	Parkway homes	21017	Harbor	Not reached	Ongoing	128,166 A	Two laterals found leaking to the storm system. CCTV and dye testing have confirmed the leaking assets. Information was forwarded to property management. Contractor has been assigned to perform the required work.	Work has been assigned. Waiting for assigned work to be completed to confirm abatement.
16	16F03	4/18/2016	Friends School of Baltimore	21210	Jones Falls	Resolved 5/30/2016	Abated	54,432 V	One of the building found connected to the storm system. Maintenance department has hired a contractor to perform the required work.	SDUO is no longer active
17	16F02	5/31/2016	2400 Fairmount Ave	21223	Harbor	Resolved 6/24/2016	Abated	64 A	Broken lateral covering small portion of liner sewage to leak to sump pump. Owner has taken action to abate SDUO. Broken lateral was repaired. SDUO is no longer active	SDUO is no longer active.
18	16F02	8/14/2016	1501 Edison Hwy	21213	Harbor	Not reached	Ongoing	2089 V	Commercial building found connected to the storm system. Contractor has been hired to abate SDUO	Contractor is in the process of obtaining permits. Work should be completed by the end July 2016

SDUO Summary:

- Total SDUO Sites Documented: 118
- Total SDUO Sites Resolved: 108 (90% completed)
- Total Active SDUO Sites on Private Property: 4
- Total SDUO Sites Unresolved: 12 (10% in progress)
- New SDUO Sites documented in the last Quarter: 5
- Under the column entitled "Date of Resolution", if the note reads "Not Reached" an end date of 03/31/2016 was used to determine the quantity of discharge up to that point.
- All of the Estimated Quantities of Discharge listed in the above table are based on a start date of October 30, 2009 in all cases and any recent field information (flow, N103, T100) that may have been collected for a given site.
- Flow calculated utilizing TNK concentration.
 - (A) - Flow Calculated utilizing Ammonia concentration.
 - (V) Total flow (by volume in Gallons)
 For all active sites, the City ultimately plans on calculating flows using TNK per guidelines of the approved protocol by EPA.
- For sites that have not yet been reached, "Est. Quantity of Discharge (Gall)" is requested each quarter to reflect the elapsed time and any recent field information (flow, N103, T100) that may have been collected for a given site.





Q55 SSOs

Month

- April
- May
- June



Sanitary Sewer Overflows
April 2016 - June 2016



Updated: July 2016