#### CITY OF BALTIMORE

SHEILA DIXON, Mayor



#### DEPARTMENT OF PUBLIC WORKS

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

July 30, 2008

#### **VIA OVERNIGHT MAIL**

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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. 23 For Calendar Quarter Ending June 30, 2008

#### 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.23, for the Calendar Quarter ending June 30, 2008.

July 30, 2008 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, Listia Lowell

KISHIA L. POWELL ACTING BUREAU HEAD

**Enclosures** 

KLP/mvm

cc: David E. Scott, Director of Public Works

George Nilson, City Solicitor

Peter Keith, Esquire

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# City of Baltimore Sanitary Sewer Overflow Consent Decree

Civil Action No. JFM-02-1524

Calendar Quarterly Report No. 23 For Calendar Quarter ending June 30, 2008

Submitted: July 31, 2008

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

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

#### Statement of Certification

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

KISHIA L. POWELL

**ACTING BUREAU HEAD** 

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#### A. INTRODUCTION

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

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

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

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

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

#### B. PROGRESS OF IMPLEMENTATION OF SECTION VI REQUIREMENTS

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

## <u>Paragraph 8: Elimination of Sanitary Sewer Overflow and Combined Sewer Overflow Discharges</u>

- A. <u>General Requirements:</u> During the calendar quarter ending June 30, 2008, 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 4 herein.
- B. <u>Construction Projects:</u> 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

No Practical Completion was achieved for Paragraph 8 projects in this Quarterly period.

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. 4: Jones Falls Pumping Station Force Main/Pressure Sewer: On December 17, 2007 the City requested a 60 day extension to extend the project schedule for 60 calendar days resulting in a Practical Completion deadline of February 27, 2008, we await a response from MDE/EPA. The resulting request was because the Contractor recently encountered unforeseen conditions in the form of extremely hard rock between the intersection of Falls Road and Roland Avenue. The contractor has used mechanical hammers, blasting and expansive slurries in an effort to excavate through this rock area. Practical Completion was achieved for this project on January 23, 2008.

**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 29<sup>th</sup> 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 SC839 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 City will continue to keep EPA and MDE advised of progress of these projects in future Calendar Quarterly Reports.

## **Project No. 10: Greenmount Avenue Interceptor:** This project was split into 2 phases:

 Phase I (SC-820) was advertised on December 16, 2005 in compliance with the advertising requirements of the Consent Decree. Practical completion of this project was complete as of May 4, 2007.

Phase II (SC-833) of this project was advertised on December 23, 2005 in compliance with the advertising requirements of the Consent Decree, however only receiving one bid that was 50% over the estimate and was rejected. This project was re-advertised on March 17, 2006. Construction notice to proceed was granted to the contractor on August 14, 2006. In October 2004, the City sent a letter to MDE/EPA requesting that the project scope of work be changed from construction of the new pumping station to construction of a new gravity relief sewer. MDE and EPA subsequently approved this request in letters dated February 2, 2005 and December 21, 2004, respectively. The revised scope of work resulted in additional complexities, including major water and electrical utilities, tunnel conflicts, and railroad right of way issues. In addition, the scope includes microtunneling. The City sent a letter to MDE/EPA, dated July 7, 2006, requesting to extend the Practical Completion deadline by 180 days to December 30, 2007. A response from MDE was received February 26, 2007 granting the requested extension. **An extension letter** 



was sent to MDE and EPA on December 7, 2007 requesting a 90 day extension for Practical Completion deadline of March 28, 2008. This extension was approved and a subsequent extension for 90 days through June 27, 2008 was submitted, we await a response from MDE/EPA. Practical Completion was achieved for this project on May 27, 2008.

#### 2. SSO Structure Elimination

SSO Structure 5 under CD Project #5 Improvements to the Jones Falls Pump Station and Structure 129 under CD Project #8 Improvements to the Stony Run Interceptor and Pump Station were eliminated on May 2, 2008 and May 6, 2008, respectively.

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 has engaged the services of an engineering firm to investigate and evaluate the collection system adjacent to SSO No. 132. The City will continue to monitor and evaluate activity at this SSO structure and will continue to keep EPA and MDE advised of progress in future Calendar Quarterly Reports.

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. The City has engaged the services of an engineering firm to investigate and evaluate the collection system adjacent to SSO's No. 134 & 135. 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 proceeding on schedule, and at this point, no problems are expected in meeting the milestone dates specified in Appendix D of the Consent Decree.

C. <u>Separate Sanitary Sewer Characterization Report:</u> This requirement has been completed.

#### D. Elimination of Combined Sewer Overflows:

Walbrook: This project has been completed.

Forest Park: During the calendar quarter ending June 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. The City is awaiting a response from MDE and EPA regarding this letter.

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

As of June 30, 2008, 16 flow meters are installed as indicated in Table 8-1.

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

Consent Decree	ADS			No. of Mete	rs
Project ID No.	Project ID No.	Project	April	May	June
2, 3, 5	2	Upper Jones Falls Interceptor	2	2	2
7	4	Lower Jones Falls Interceptor	1	1	1
8	5	Stony Run Interceptor & P.S.	1	1	1
23	9	Lower Gwynns Run Interceptor	2	2	2
24	10	Gwynns Run Sewershed	3	3	3
		Total	9	9	9

A summary of rainfall and flow monitoring data collected during March, April and May 2008 prepared by ADS Environmental Services is submitted on a compact disk in the inside of the back cover of this Calendar Quarterly Report. The ADS report includes:

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



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

#### F. Progress Reports:

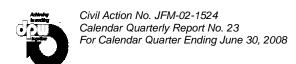
Progress of work under Paragraph 8 is as reported herein.

#### Paragraph 9: Collection System Evaluation and Sewershed Plans

- A. The milestone dates for completion of the Sewershed Study and Plan for each of the City's eight sewersheds, as established by Paragraph 9.B of the Consent Decree, recognize that evaluation work will not begin in earnest until several years after the Date of Entry.
- B. <u>Sewershed Study and Plan:</u> At this time, the City does not anticipate any difficulties or delays in meeting the milestone dates for completion of the Sewershed Study and Plan for any sewershed. All eight Sewershed Studies are on-going. The table below provides the City's Notice to Proceed date for each Sewershed Study, as well as a summary of field work accomplished to date.

Sewershed Name	City Notice to Proceed Date	Approx. MHs inspected to Date	Approx. CCTV Inspected to Date (linear feet)
Jones Falls	5/24/06	6,812	1,101,408
Herring Run	11/1/06	6,938	1,240,734
High Level	1/31/07	4,584	758,002
Low Level	5/9/07	4,381	583,148
Gwynns Falls	6/20/07	3,906	375,840
Outfall	8/8/07	1,557	207,411
Patapsco	8/8/07	1,102	196,955
Dundalk	8/22/07	921	106,739

- C. The Sewershed Study and Plan Elements: The Plan Elements in the Consent Decree are to be followed for each sewershed. The City has developed and continues to improve upon and review a Sewershed Study Manual for the consultants to follow during their evaluations. This document will provide uniform guidelines for conducting the Sewershed Studies.
- D. <u>Collection System Inspections:</u> Please refer to Section B above for a summary of inspection progress.
  - 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 4, 2007, MDE approved the request to waive inspection of selected portions of the collection system.
- E. <u>Infiltration and Inflow ("I/I") Evaluation:</u> The City had selected 3 contractors to perform the flow monitoring and rainfall monitoring task as required by the Consent Decree. Notice to Proceed on these contracts was issued in February 2006. Flow monitoring began on May 9, 2006 and as of June 30, 2008, the flow monitoring continues at 99 meter locations throughout the City.



- F. Long-Term Capacity/Peak Flow Management: During the calendar quarter ending June 30, 2008, there was no capacity/flow management analysis activity related to the Sewershed Studies and Plans.
- G. **Sewershed Study and Plan(s) Approval and Implementation:** Not applicable at this time.
- H. **Progress Reports:** Progress of work under Paragraph 9 is as reported herein.

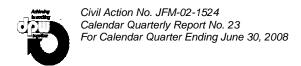
#### Paragraph 10: Illegal Sewer Connections

A. <u>Illegal Private Connections:</u> During the calendar quarter ending June 30, 2008, 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 Paragraph10.A of the Consent Decree. In accordance with the City's enforcement plan, staff of Housing and Community Development (HCD) inspected the 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 illegal storm water connections to the sanitary system.

The City has further researched the 38 illegal connections documented above 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 2 until further investigation can be performed. **The City awaits input from MDE and EPA on this action.** 

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. Once an illegal connection is identified, the approved Illegal Connection Enforcement and Implementation Plan will be adhered to.

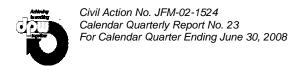
- B. <u>Updated List of Illegal Connections:</u> Appendix 2 contains the updated list of 38 known illegal connections.
- C. <u>Illegal Connection Enforcement and Implementation Plan:</u> This requirement has been completed as reported in Quarterly Report No.7.



- D. In a letter dated May 5, 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, 2008, 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.

## <u>Paragraph 11: Pumping Station Inspection, Rehabilitation, and Repair</u>

- A. <u>Pumping Station Rehabilitation and Repair:</u> 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, 2008, 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 3 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. <u>Pumping Station Remote Monitoring:</u> As of June 30, 2008, Baltimore continuously monitored pumping station data in accordance with Paragraph 11.C. of the Consent Decree. Alarm data was electronically archived.
- D. <u>Pumping Station Equipment Inventory:</u> As of June 30, 2008, 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. <u>Pumping Station Preventative Maintenance:</u> 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, 2008, 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. During the calendar quarter ending June 30, 2008, no equipment and/or system failures occurred which required analysis in accordance with this procedure.

- F. <u>Pumping Station Operation and Maintenance Manuals:</u> As of June 30, 2008, 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 ("SOP's") 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. <u>Progress Reports:</u> Table 11-1 Summarizes the status of Baltimore's pumping station inspection and repair program during the calendar quarter ending June 30, 2008.

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				None
Brooklyn	All Pumping			None
Dundalk	Stations			None
Jones Falls	inspected twice per day	See Appendix 3	See Appendix 3	1
Locust Point	throughout	See Appendix 3	See Appendix 3	None
Quad Avenue	reporting			None
McComas	period			None
Westport				None

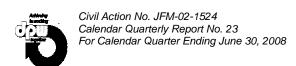
Progress toward installation of the new SCADA system for remote monitoring of pumping stations is reported in item 11.C above.

#### Paragraph 12: Collection and Transmission System Model

- A. The hydraulic modeling task for each sewershed will be performed utilizing the previously-selected hydraulic modeling software package: InfoWorks, marketed by Wallingford Software.
- B. <u>Model Elements:</u> The InfoWorks hydraulic modeling package is fully compliant with the requirements listed in Paragraph 12.B.i of the Consent Decree.
- C. <u>Model Project Approach Report:</u> 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. <u>Model Certification:</u> Baltimore will complete implementation of the Model for each sewershed on or before submission of the respective Sewershed Study and Plan required under Paragraph 9, and will certify the model for that sewershed at that time.
- F. <u>Progress Report:</u> The City continued development of the model during this Quarterly period.

#### Paragraph 13: Collection System Operation and Maintenance

- A. During the calendar quarter ending June 30, 2008, 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 is in the process of implementing 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 recorded in the GIS.
- D. <u>Progress Reports:</u> 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



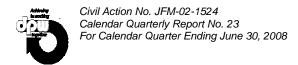
Decree. The Year 2 Annual Report will be submitted on October 30, 2008, which will cover the time period from July 2007 to July 2008.

#### Paragraph 14: Information Management System Program

- A. During the calendar quarter ending June 30, 2008, Baltimore continued to develop an information management system that will facilitate engineering analysis, evaluation, operation and maintenance of the collection system.
- B. <u>Geographic Information System:</u> 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. <u>500 Scale Maps:</u> This requirement has been completed as reported in Quarterly Report No. 7.
- D. <u>Global Positioning System:</u> 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, and maintenance crews have received appropriate training.
- E. <u>Inventory of Collection System Components:</u> 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. <u>Update Inventory of Collection System Components:</u> 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.** <u>Progress Reports:</u> Development of the Baltimore collection system inventory database continued throughout the calendar quarter ending June 30, 2008. 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, and all required database fields will be 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.
- E. Progress Reports: All requirements of Paragraph 15 have been completed as noted in Appendix H of Consent Decree.

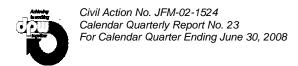


#### Paragraph 16: Emergency Response Plan – Unpermitted Discharges

- A. <u>Emergency Response Plan (ERP):</u> Baltimore has developed and implemented an Emergency Response Plan for protection of public health and the environment in the event of an unpermitted 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. Baltimore revised the draft Emergency Response Plan accordingly or otherwise responded 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. <u>Yearly Review and Update:</u> During the Calendar Quarter ending September 30, 2007, the City submitted the Yearly Update for 2007. The next Yearly Update will be submitted in 2008.
- E. No portions of the Emergency Response Plan are 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, 2008, Baltimore 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 notification of overflows was made to MDE within 24 hours of the time 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, 2008 is provided in Appendix 4.
- B. During the calendar quarter ending June 30, 2008, 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, 2008 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, 2008, 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 1, 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, 2008, the design is on-going.** 

In addition, the City has selected the consultant for engineering services for the ENR Modifications to the Existing Facilities at the Patapsco Wastewater Treatment Plant. **As of the calendar quarter ending June 30, 2008, the design is on-going.** 

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

As of June 30, 2008 there were no additional matters to be brought to the attention of EPA and MDE.

### **APPENDIX 1**

## STATUS OF PARAGRAPH 8 CONSTRUCTION PROJECTS

#### APPENDIX 1 STATUS OF PARAGRAPH 8 CONSTRUCTION PROJECTS AS OF MARCH 31, 2008

PROJ. ID NO.		DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO/CSO STRUCTURES ELIMINATED	STATUS
		UPPER JONES	S FALLS SEWERSHI	ED			
1		1. Install approximately 880 linear feet of 30-inch parallel relief sewer from JPIB49 to JPI10 (along JPI90A-JPI94) (SC760) 2. Install approximately 9,400 linear feet of 21- to 24-inch parallel relief sewer from JPI20 to JPI65 (SC789) 3. Rehabilitate approximately 3,300 linear feet of existing 18-inch sewer from JPI07 to JPI20 (SC789)	June 30, 2002	June 30, 2004	June 30, 2005	Eliminates SSO nos. 21, 22, 23, 24 and 29	Complete
2	Upper Jones Falls Interceptor (North & South of Pepsi Cola Plant) Sanitary Contract Nos. 772 & 824	1. Rehabilitation of approximately 1,800 linear feet of existing 42- to 48-inch sewer located between JP01 (M Washington Flume) and JP10, and approximately 6,570 linear feet of 48- to 60-inch sewer located between JP42 and the JP70. Replacement of approximately 1,900 linear feet of 48' sewer between JP10 and JP18, and approximately 1,550 linear feet of 60' sewer between JP70 and the Jones Falls Pumping Station (SC 772). 2. Replacement of approximately 7,080 linear feet of 48-inch sewer between JP18 and JP42 (SC 824). 3. Manhole and stream bank restoration.	June 30, 2004	December 27, 2006	12/30/2008 **	Eliminates SSO Nos. 33 and 34	SC 772- Practical Completion was achieve on June 30, 2006. SG 824 - Construction Phase** Letter sent to MDE and EPA on 6-25-07 requesting an extension of the SSO elimination date to December 2008. MDE response letter approving extension was received on September 5, 2007.
3	improvements of existing force/pressure sewer	Replacement of approximately 1600 linear feet of force main/pressure sewer in Broadway from Oliver to East Chase Street connecting to High Level sewer (SC 779)     Improvements to gate valves, blow-off valves and air release valves for existing force main/pressure sewer (SC 805)	December 30, 2002	June 30, 2004	6/30/2005 - SEE STATUS	Contributes to elimination of SSO No. 5	SSO No. 5 cannot be eliminated until projects 4 and 5 are completed.
4	Main/Pressure Sewer	Upgrade existing force mains/pressure sewer to handle increased flows from rehabilitated/upgraded Jones Falls Pumping Station as well as additional flows from possible future pumping stations in Stony Run and along the JGA branch	June 30, 2005	12/29/2007**	May 2,2008	Contributes to elimination of SSO No. 5	Construction Phase** Letter sent to MDE and EPA on 6-11-07 requesting additional 90 day practical completion extension to December 2007. MDE response letter approving additional extension received September 5, 2007. Letter sent to MDE and EPA on 12/17/07 requesting additional 60 day extension for pratical completion. Practical completion occurred on 1/23/08. Awaiting response from MDE and EPA.
5	Jones Falls Pumping Station Sanitary Contract No. 822	Upgrade existing pumping station to handle at least 50 mgd	December 30, 2005	12/29/2007**	June 30, 2008	Eliminates SSO No. 5	Construction Phase** Letter sent to MDE and EPA on 6-11-07 requesting additional 90 day practical completion extension to December 2007. MDE response letter approving additional extension received September 5, 2007. Benificial Occupancy achieved 11/16/07.
6	Elimination of Collection System Overflows in Upper Jones Falls Sewershed Sanitary Contract No. 876	Assess hydraulics and design improvements to areas adjacent to overflows	Existing on-call contract	June 30, 2003	June 30, 2004	Eliminates SSO Nos. 20, 31, 32 and 36	Complete
		LOWER JONE	S FALLS SEWERSH	ED			
7	(Upper Portion of Gravity Mainline) Sanitary Contract Nos. 773 & 818	I. Install approximately 7,900 linear feet of 18- to 24-inch parallel relief sewer from JG030 (near Jones Falls Pumping Station) to JG061 (at the connection of the JGE branch) (SC818)     Rehabilitation of approximately 16,500 linear feet of existing sewer ranging from 12- to 50-inch (SC773)     Inverted siphon rehabilitation in Falls Road (manhole JG062) (SC773)     4. Stream bank restoration along Union Avenue near Meadow Mills at Woodberry	July 31, 2003	June 30, 2006	8/30/09*	Eliminates SSO No. 67	Post Construction Monitoring Phase
8	Station (JGF Branch)** Sanitary Contract No. 819, 838, 839 & 847	1. Construct a 20 mgd capacity pumping station near Department of Public Works Solid Waste Site near the intersection of 29th Street and Sisson Street. 2. Install approximately 1,200 linear feet of 24-inch force main from new pumping station to JFPS pressure sewer [length depends on location of pumping station] 3. Parallel approximately 1,080 linear feet of existing sewer from south of Coldspring Lane (JGF48) to the new pumping station with 18 to 36-inch sewer	December 30, 2005 (SC-819 & 838) June 30, 2006 * (SC-839 & 847)	2/28/2009**	8/30/09**	Contributes to elimination of SSO No. 72; eliminates SSO No. 129	Construction Phase (SC847 and SC839)
9	Maryland Avenue Interceptor (JGB Branch) Sanitary Contract No. 799	Replace (upsize) approximately 4,400 linear feet of existing 12- to 24-inch sewer with new 21- to 36-inch sewer along branch interceptor, excluding proposed 901 N. Howard project area 2. Improvements to siphon/SSO No. 125 under I-83 (JGB18-JGB19)      Sewer replacement may require crossing the CLRL	December 30, 2003	July 14, 2005 *	June 30, 2006	Eliminates SSO Nos. 69 & 125	Complete
10	Dianci)	Install approximately 7,325 linear feet of 36 to 42-inch parallel relief sewer from Bonaparte Avenue to the High level Interceptor on Eager Street.     Line approximately 6,000 linear feet of 15- to 33-inch existing sewer.	December 30, 2005	12/27/07 **	8/30/09**	Contributes to elimination of SSO No. 72	Construction Phase. SC 833-Letter was sent on 12-7-07 requesting a 90 day extension to March 29, 2008. This extension was approved and a subsequent extension for 90 days through June 77, 2008 was submitted. Awaiting approval from MDE/EPA.
	Sanitary Contract No. 830	Cleaning and inspection of siphon with repairs as necessary.     Elimination of blow-off.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO No. 68	Complete
* Appı	roved by MDE\EPA. ** Appro	ved by MDE, ***Approved by EPA					

#### APPENDIX 1 STATUS OF PARAGRAPH 8 CONSTRUCTION PROJECTS AS OF MARCH 31, 2008

PROJ. ID NO.	PROJECT	DESCRIPTION AND REMARKS	DATE CONSTRUCTION CONTRACT ADVERTISED	DATE OF PRACTICAL COMPLETION	DATE SSO STRUCTURES ELIMINATED	SSO/CSO STRUCTURES ELIMINATED	STATUS
		HERRING	RUN SEWERSHED				
12	Moores Run Interceptor - Middle Section Storm Water Contract Nos. 7746 and 7751	Construction of approximately 400 linear feet of 18-inch, approximately 600 linear feet of 21-inch, approximately 4900 linear feet 24-inch, approximately 4900 linear feet 24-inch, approximately 1000 linear feet of 27-inch, and approximately 100 linear feet of 30-inch sewer to replace existing interceptor	June 30, 2003	July 14, and Sept 2, 2005**	June 30, 2006	Contributes to elimination of SSO Nos. 118 and 119	Complete
13	Moores Run Interceptor - Lower Section Sanitary Contract No. 801 and 843	Construction of approximately 6900 linear feet of 42-inch, approximately 2700 linear feet of 36-inch siphon, and approximately 3700 linear feet of 54-inch sewer to replace the existing interceptor	June 30, 2005	June 30, 2007	June 30, 2008	Eliminates SSO No. 93 and 94	Construction Phase - Complete
14	Moores Run Interceptor - Upper Section Sanitary Contract No. 817	Construction of approximately 1700 linear feet of 18-inch and approximately 2200 linear feet of 21-inch sewer to replace the existing interceptor	June 30, 2004	June 30, 2005	June 30, 2006	Contributes to elimination of SSO Nos. 118 and 119	Complete
15	Elimination of Collection System Overflows in Herring Run Sewershed	Assess hydraulics and design improvements to areas adjacent to overflows	Existing on-call contract	June 30, 2003	June 30, 2004	Eliminates SSO Nos. 88 and 109	Complete
16	Elimination of Siphon Blowoffs (Siphon No. 2 - Bay View Yard south of RR tracks; Siphon No. 4 - Bowleys Lane/Moravia Road) Sanitary Contract No. 830	Cleaning and inspection of siphons with repairs as necessary.     Elimination of blow-offs.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO Nos. 92	Complete*
		GWYNNS F.	ALLS SEWERSHED			1	
17	Powder Mill System Improvements including GFG branch in Gwynns Falls Sewershed Sanitary Contract Nos. 777 & 804	Rehabilitation of approximately 12,000 linear feet of 12- to 24-inch conveyance piping (SC777) and approximately 33,000 linear feet of 8- to 10-inch collection piping (SC804)	June 30, 2003	June 30, 2006	June 30, 2007	Eliminates SSO Nos. 28P, 29P and 33P	Complete
18	Dead Run System Improvements DRA Branch Sanitary Contract No. 788, 825	Clean, inspect and rehabilitate of approximately 20,000 linear feet of 12- to 24-inch conveyance piping (COE) and approximately 11,000 linear feet of 8- to 12-inch collection piping (SC788).	June 30, 2003	June 30, 2006	June 30, 2007	Eliminates SSO Nos. 16P and 17P	Complete
19	Maidens Choice Interceptor Sanitary Contract No. 826	Clean, inspect, and rehabilitate 12,400 linear feet of 12- to 24-inch conveyance piping.	On-call contract	June 30, 2007	June 30, 2008	Eliminates SSO Nos. 23P and 24P	Construction Phase - Complete
20	Elimination of Siphon Blowoffs (Siphor No. 11 - Annapolis Road and Clare Street; Siphon No. 12 - Chesholm Rd. west of Franklintown Rd.) SC No. 827	Cleaning and inspection of siphons with repairs as necessary.     Elimination of blow-offs.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO Nos. 84 and 22P	Complete*
		COMBINE	D SEWER AREAS				
21	Walbrook Sanitary Contract No. 780	Implementation of Long Term Control Plan and combined sewer separation design in Walbrook area		June 30, 2002	June 30, 2003	Eliminates CSO No. 21P	Complete
22	Forest Park Sanitary Contract Nos. 780 and 813	Implementation of Long Term Control Plan and combined sewer separation design in Forest Park area	December 30, 2003	June 30, 2005	June 30, 2006	Eliminates CSO No. 13P and SSO Nos. 10P, 11P, 12P, 18P, 19P, 25P, 26P, 27P and 31P. SSO Nos. 10P, 18P, 19P & 31P are eliminated.	Complete
		HIGH	LEVEL SEWERSHE	D			
23	Gwynns Run Interceptor Sanitary Contract No. 812	Improvements to the Gwynns Run Interceptor	December 30, 2004	February 25, 2007	12/27/2007**	Eliminates SSO Nos. 106,107 and 130	Complete
24	Gwynns Run System Improvements Sanitary Contract No. 807	Assess hydraulics and design improvements to areas adjacent to overflows	June 30, 2003	June 30, 2006	June 30, 2007	Eliminates SSO Nos. 55, 56, 57, 60, 63, 103, 126, 127, 128 and 131	Complete
25	Elimination of Siphon Blowoffs (Siphon Nos. 9 and 10 - east of Dukeland Street, south of Wilkens Avenue) SC No. 827	Cleaning and inspection of siphons with repairs as necessary.     Elimination of blow-offs.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO Nos. 79 and 81	Complete*
		LOW LEV	EL SEWERSHED				
26	Elimination of Siphon Blowoff (Siphon No. 8 - rear of 800 Unetta Avenue) Sanitary Contract No. 827	Cleaning and inspection of siphon with repairs as necessary.     Elimination of blow-off.	On-call contract	June 30, 2004	June 30, 2005	Eliminates SSO No. 32P	Complete
* Аррі	roved by MDE\EPA. ** Appro	ved by MDE, ***Approved by EPA		-			

## APPENDIX 2 LIST OF ILLEGAL CONNECTIONS

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

Full Address	Test ID	Person/Entity Responsible	Source Type	Date Identified	Dye Result	Current Status	Comments
<ol> <li>5904 Berkeley Ave.</li> </ol>	172 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	
<ol><li>6203 Biltmore Ave.</li></ol>	311 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	
<ol><li>3. 3310 Clarks Ln.</li></ol>	212 B 7	Property Owner	Downspout	6/20/2005		Newly Identified	
4. 3312 Clarks Ln.	212 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	
<ol><li>3601 Clarks Ln.</li></ol>	256 B 1	Property Owner	Area Drain	3/21/2005	Positive	Newly Identified	
<ol><li>6. 2238 Crest Rd.</li></ol>	14 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	
7. 2302 Crest Rd.	13 A 5	Property Owner	Downspout	6/20/2005		Newly Identified	
	13 A 6	Property Owner	Downspout	6/20/2005		Newly Identified	
8. 5616 Cross Country	Blvd. 99 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	
9. 6309 Fairlane Dr.	154 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	
	154 B 1	Property Owner	Downspout Connection	6/20/2005		Newly Identified	
<ol><li>6908 Fieldcrest Rd.</li></ol>	272 B 3	Property Owner	Downspout Connection	6/20/2005		Newly Identified	
11. 3800 Glengyle Ave.	275 B 13	Property Owner	Downspout Connection	6/20/2005		Newly Identified	
12. 6309 Greenspring A	ve. 153 B 5	Property Owner	Downspout	6/20/2005		Newly Identified	
	153 B 4	Property Owner	Area Drain	3/28/2005	Positive	Newly Identified	
13. 2212 Ken Oak Rd.	100 A 1	Property Owner	Downspout	6/20/2005		Newly Identified	
	100 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	
14. 2416 Ken Oak Rd.	103 A 1	Property Owner	Downspout	6/20/2005		Newly Identified	
15. 5609 Key Ave.	50 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	
16. 2504 Larryvale Rd.	154 B 7	Property Owner	Downspout	6/20/2005		Newly Identified	
17. 5815 Lochlea Rd.	116 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	
18. 5806 Park Heights A		Property Owner	Downspout	6/20/2005		Newly Identified	
	78 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	
	78 B 3	Property Owner	Downspout	6/20/2005		Newly Identified	
	78 B 9	Property Owner	Downspout	6/20/2005		Newly Identified	
	78 B 8	Property Owner	Downspout	6/20/2005		Newly Identified	
19. 5905 Park Heights A		Property Owner	Downspout	6/20/2005		Newly Identified	
20. 6414 Park Heights A		Property Owner	Downspout Connection	6/20/2005		Newly Identified	
	315 A 3	Property Owner	Area Drain	3/22/2005	Positive	Newly Identified	
21. 7126 Park Heights A		Property Owner	Downspout Connection	6/20/2005		Newly Identified	
22. 6311 Pearce Ave.	203 B 5	Property Owner	Downspout	6/20/2005		Newly Identified	
	203 B 4	Property Owner	Downspout	6/20/2005		Newly Identified	
23. 6106 Pimlico Rd.	135 A 1	Property Owner	Driveway Drain	3/28/2005	Positive	Newly Identified	
24. 6306 Pimlico Rd.	127 B 1	Property Owner	Downspout	6/20/2005		Newly Identified	
25. 5503 Rusk Ave.	30 B 1	Property Owner	Downspout	6/20/2005	İ	Newly Identified	
26. 3208 Shelburne Rd.		Property Owner	Driveway Drain	3/15/2005	Positive	Newly Identified	
27. 1702 South Rd.	324 A 2	Property Owner	Downspout	6/20/2005		Newly Identified	
28. 2117 Sulgrave Ave.	320 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	
29. 2607 Taney Rd.	183 B 4	Property Owner	Driveway Drain	3/23/2005	Positive	Newly Identified	
30. 2615 Taney Rd.	183 B 2	Property Owner	Downspout	6/20/2005		Newly Identified	
31. 2700 Taney Rd.	183 B 8	Property Owner	Downspout	6/20/2005		Newly Identified	
32. 2808 Taney Rd.	182 B 6	Property Owner	Downspout	6/20/2005		Newly Identified	
2000 Talley Na.	182 B 5	Property Owner	Downspout	6/20/2005		Newly Identified	
33. 2810 W. Strathmore		Property Owner	Downspout	6/20/2005		Newly Identified	
34. 3602 Chesholm Rd.	100 /1 0	Property Owner	Downspout	5/9/2005	Positive	Newly Identified	
35. 6708 Park Heights A	Ave	Property Owner	Downspout	5/9/2005	Positive	Newly Identified	
36. 4214 Groveland Ave		Property Owner	Downspout	5/9/2005	Positive	Newly Identified	
37. 4414 Groveland Ave		Property Owner	Downspout	5/9/2005	Positive	Newly Identified	
38. 2705 Queen Anne A		Property Owner	Downspout	5/9/2005	Positive	Newly Identified	
55. Z105 QUCCH AITHE	170.	I roporty Ownion	Downspout	51 71 2000	i ositivo	recessly ruchlineu	

### **APPENDIX 3**

## PUMPING STATION WORK ORDERS

Completed/Issued H/B Report LUCATIONS:

\*\*\*CORRECTIVES & MODS\*\* Apr. 1, 2008 - --> Brooklyn Dundalk Eastern Ave

\*\*Pumping Stations Jume 30, 2008 ---> Jumes Falls Locust Pt NoComes St.

--> Quad Avenue Westport Completed/Issued W/D Report

QUERY MANE . . . MOCONPSSAL LIBRARY MANE . . MONTHLYRUN

LIBRARY	Hender	FORMAT
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MMS810F	TET2#2H	NSMS131R
MMS810F	DCCTL	DECTLR
MMS810F	ETEXIS	TEXTSH
	MHS810F MHS810F MHS810F MHS810F	MHS810F WSHST00 MHS810F EERHST MHS810F WSHST31 MHS810F DCCTL

DATE . . . . . . . . . . . . 06/27/08 TIME . . . . . . . . . 06:41:23

Completed/Issued Rpt.-Pumping Stations only

06/27/08 06:41:23

## Completed/Issued N/B Report for Apr. 1, '08 - June 30, '08 WGCDMPSSAL CM's & MOD's Locations: BRKLYM DUMDAL EASTER as of 06/27/08 Fumping Station JF LOCPU NCST QUAD WSTFT

					t publing ocu								
Co. Ko.	e s TA	Loo.	KVII Kunber	Nachine Number	Machine Description	#O Sts	Prty Code	Full Problem Description	Red. By	Craft Code	NO Cupit Date	₩ Issue Date	Shtdun Class
11	PUMFIRS ST	B#KFAH	08. 62788 08. 83108 00. 83116 08. 83397 08. 83399 08. 83408 08. 83423 08. 83424 00. 83663 09. 83663 08. 83669 08. 83687	955304 951000 950001 951000 950052 950010 950052 950002 950003	FACILITY, DROUKLYN PUHPING FAN, MA EXHAUSTINES MELL-O FACILITY, DROUKLYN PUMPING MACHETIC FLOW METER FACILITY, DROUKLYN PUMPING LOOP 153, DISC, PRESS, STATI DETECTOR, MET MELL GAS LOOP 153, DISC, PRESS, STATI COMPRESSOR/MOTOR, \$1 (BUBBL FLOW THO LOCATION RECORDER/ PANEL, PLC/LOCAL CONTROL COMDITIONER, AIR	30 30 30 30 25 30 30	4 30 30 2 4 4 4 30 30 4 30 4 30	and bases. Sullivan 6-4972 ostlelper 64972 proper oper.,because of methell flooding. Sullivan 6-4972 Sullivan 6-4972 pumps (job completed) Sullivan 6-4972 REG BY K BARTON JR REG BY R BARTON JR REG BY R BARTON JR Sullivan 6-4972 Sullivan 6-4972 pump operations on PLC mode requester r slayton 6-9752 blowing out warm air. Sullivan 6-4972	US US US RBJ RBJ US RBJ US US US	ZHZPS IHSPS ELCPS HCHPS IHSPS	20980424 20989425 20980523 20080604 20080513 20080507 20080507 20080513	20080307 20080424 20080430 20080505 20080505 20080506 20080528 20080528 20080611 20080613 20080619 20080626	
		COUNT	08.82509 08.83096 08.83097 06.83411 08.83412 1	941000 941000 942106 945201 945201	FACILITY, DUNDALK PUHPING FACILITY, DUNDALK PUHPING FACILITY, DUNDALK PUHPING UALVE, STRACE PUHP \$1 DISC ENGINE, ENERGENCY GENERATO ENGINE, ENERGENCY GENERATO	30 25	4 4 4 4	duor 64972 Eneeds soreus 3 ostielper 64972 ostielper 64972 ustielper 64972 (sensor) ostielper 64972 Esensor) ostielper 64972	C2 C3 C3 C3 C3 C3 C3	nehps	20080604 20080414 20080429 20080514 20080515	20080228 20080409 20080409 20080513 20080514 20080514 20080603	
		Locat COURT	08.83645 08.83646 ion DUNDAL		PUMP, SEMAGE #2 METER, FLOX TRANSHITTER	30 30	4	ostielper 64972 ostielper 64972	CZ		20080605	20080603	
		FASTER	08.80627 08.82128 08.92462 08.82463 08.82464 08.82465 08.82775 09.82789 08.82775 09.82789 08.8281 08.83084 08.83089 08.83089 08.83089 08.83091 08.83092 08.83093 08.83093	911000 912405 912401 912404 912402 912403 911000 911000 911105 912406 912702 913102 913102 919009 919009	CRAME, MINURALL (5 10M) FACILITY FASTERN AVENUE FUMP, VACUUM #1 FUMP, VACUUM #2 FUMP, VACUUM #2 FUMP, VACUUM #2 FACILITY FASTERN AVENUE FACILITY FASTERN AVENUE FACILITY FASTERN AVENUE FACILITY FASTERN AVENUE FUMP, VACUUM #6 NUTUR, SEAR (SEUTH) SCREEN, BAR (SEUTH) SCREEN, BAR (SEUTH) FACILITY FASTERN AVENUE MAKER, RIDTHGGEBRO JL GADING CONDITIONER, CENTRAL, AIR	25	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	MOUNT TROLLEY CONTACTOR.  officesC33c stielper 64972 LINE & INSTALL SUPPORT SADDLE-CSTIELPER 64972 SUPPORT SADDLE DN VACUUM LINE 64972 SUPPORT SADDLE DN VACUUM LINE SUPPORT SADDLE ON VACUUM LINE SUPPORT SADDLE STIELPER 64972 CSTIELPER 64972 CSTIELP	13 22 23 23 23 23 23 23 23 23 23 23 23 23	NCHPS NCHPS NCHPS NCHPS NCHPS ELCPS NCHPS NCHPS NCHPS NCHPS NCHPS PENG NCHPS PENG NCHPS PENG	20080417 20080505 20080424 20080424 20080424 20080424 20080424 20080508 20080401 20080403 20080403 20080403 20080403 20080403 20080415	20076007 20080104 20080201 20080201 20080201 20080201 20080201 20080306 20080401 20080402 20080402 20080402 20080403 20080404 20080404 20080404 20080404 2008041 2008041 2008041	
			08, 8 <b>31D</b> 0	912402	PUMP, VACUUM #2	30	4	ostielper 64972	w	1101111 0		20000 1113	

u6/27/08 06:41:23

Completed/Issued H/D Report for Apr. 1, '08 - June 30, '08 MOCOMPSSAL CK'S & MED'S Locations: BRKLYH DUMDAL EASTER as of 06/27/08 Pumping Station JF LECPE MCST RUAD MSTPT

						Lambing Acers	91		of Front Hear.					
											Craft	丰田	HI	Shteua
							lG		Full Problem	Req.	Code	Cuplt	Issue	Class
Co.			H/0		Hachine	11401-4-1			y Description	Ry		Date	Date	
Ħo.	Area	Lec.	Kumber		Hunber	Description		Code	<b>?</b>	-				
									1. 3 (40%)	CS	ELCPS	20080415	20080415	
11	PUMPING :	ST EASTER	08.83101		912402	PUMP VACUUM #2	30	4	estielper 64972	CZ.	TRRT	20080415	20080415	
			08.83101		912402	PUMP VACUUM #2	30	4	ostielper 64972	C2	ELEC	20080509	20080417	
			08.83102	2	911101	PUMP, SENAGE #1	30	30	cstlelper 64972	ÇS	ELCPS	20080513	20080417	
			08.83107	1	911101	PIMP SEHAGE \$1	30	30		CS	HCHPS	20080418	20080417	
			08.83103		911101		30	4	ostielper 64772	C2	<b>NCHPS</b>	20080418	20080418	
			08.83104		912501	NOTOR, VACUUM PUNP #1	30	4	ostielper 64072	C2		20080418	2008041B	
			08.83105		919022	MINER RIDING (FORD) LOADING	30	4	cstielper 64972	£S	NCHP'S	20080423	20080421	
			68,83107		912404	PUMP VACOUM \$4	30	4	ostielper 64972	CS	ELCES	20080501	20080424	
			08.83109		911000	FACILITY, EASTERN AVENUE	30	Ą	cstielper 649762	88	BLDC	20080425	20080428	
			08.83111		911000	FACILITY, EASTERN AVENUE	30	30		A2	HA	20080428	20080428	
			08,83112		915601	CONDITIONER, AIRSI	30	30		C2		20080429	20080428	
			08.63114		712201	OPERATOR, COKE VALVE \$1 FU	30	Ą	cstlelper 64972	C2	ELCPS	20080507	20080430	
			09.83117		911060		30	4	service ostielper 64972	53		20080424	20080430	
			68.83120			FACILITY, EASTERN AVENUE	30	4	ostielper 6972	£2	ELCPS	20080502	20080501	
			08.83121		917110		30	4	shutting off-ostielper 64972	CS	EFEC	20080507	20080502	
			08.03121			PUMP , VACUUM #5	30	4	ostielper 64972			20080507	20080502	
			08, 83247		017/07	PUMP , VACUUM \$5	30	4	ostielper 64972	C2	MCHPS	20080514	20080512	
					712405	FUMP, SENAGE #2	30	4	ostielper 64972	CS CS		20080513	20080513	
			08.83407				30	2	requester r slayton 6-9752	RLS	ELCPS		20080513	
			08.83409		181000		30	2	requester r slayton 6-9752	RL\$	NECH	20080513	20080513	
			08.83409		181000		30	30	cetielner 64972	£2	Ph	20080519		
			08.83410		911102		30	30	needs notor suppor braces tighten. Sullivan 6-4977	US	Hô	20080514	20080516	
			08.53413		915610	CONDITIONER, CENTRAL, AIR	25	4	REPURTED BY DI DH 5/15/08 AT 4: 30PH.	16	PENG		20080516	
			08.83414		715010	CHENTI THE EASTERN OFFICE	25	4		C2	DLDG	0.0000.104	20080523	
			08.83418			FACILITY, EASTERN AVERUE	30	4		£2	BLD€	20080601	20080523	
			08.83419		911000	- WARRENCH MECHENCH	30	30		US	INSP5	20080527	20080527	
			08,83420		910003	FLOW INDICATING RECORDER/		4		CŽ	HCHPS	20080613	20080529	
			89,69426		919022		25	q	*	t 2	HUHFS		20080530	
			08.83427		911107		30	4	- 1 Albania	C2	ELCPS		20080602	
			08.83440		91210			4	a series	£2	HCHP'S	20090614	2008060:	
			08,83643		91110.		30	4	·	C2	PENG		2008060	
			68.83647		911102		25			£2	HCHPS	20080605	2008060	
			08.83648		91.895	SAN, CHAIN	90	4		62	TICHES	20099610	2008060	
			08,83650		91895		30	4	'	that US	BLDC	20080410	20090604	
			08.83651			CONDITIONER, AIR#1	30	3		that US	HA	20080606	2008060	Ļ
			08.83651	7	91560	CONDITIONER, AIR*1	30	3		£ŝ	ELCPS		2008060	5
			08.83652		91550.		25	4		CZ	ELCES	20080610	2008060	9
			08.83654		91730	2 CRANE MENORATE (5 TON)	30			C\$	HA	20080611	2008041	מ
			08.63655		91100	FACILITY EASTERN AVENUE	30			C2	ELCPS	20080616	2008061	1
			08.83658		91550		38		•	23	ELCPS		2008061	1
			08.83659		71550	2 FAN EXHAUST #2	25			CS	nches	20080612	2008061	2
	-		08,83660		91110	3 PUMP, SEHAGE #3	30			C2	ELCFS		2008061	7
			08.83661		91120		25			C2	ELCPS		2008061	2
			08.83662		18100	O ACB 13KU DRAHBUT - FDR -	25		· · · · · · · · · · · · · · · · · · ·	ĊS	ELCPS		2008061	
			08.83664		1,8100		30	7	2 cstielper 54972	CS	ELCP		2008061	
			08.83686		91100		25	. 4		CS	ELCP		2009061	
			08.83667		91100		25	í	4 ostielper 64972	CS	ELCP:		2008061	
			08.83672		91100		25	· :	3D estielper 64972	Rdi			2098061	
,			08, 83675		91100	O FACILITY, EASTERN AVENUE	25	, ,	4 REO BY R. BARTON JR.	nue	4,001	EUNIVERSE		
			00,03012	•	72200	ry								

6/27/08 06:41:23

Completed/Issued R/O Report for Apr. 1, '08 ~ June 30, '08 MDCDMPSSAL CM's & NDB's Locations: DEKLYK DUMDAL EASTER as of 06/27/08 Pumping Station JF LDCPD MCST QUAD MSTPT

Sts Sts			Req. By	Craft Code	HO CmpIt Date	M Issue Date	Shtdun Class
25 25 25 25 25 25	4 4 4 4	cstielper 64972 cstielper64972 cstielper 64872 cstielper 64972	C2 C3 C2 C2	ELCPS NCHPS NCHPS NCHPS		20080620 20080625 20080626 20080626 20080626	
					unt.		
30 25 30 30 30 30 30 25 25 25 25 25 25 25	2 4 4 4 30 30 4 4 4 4 4 4 4 4 4 4 4 4 4 4	PRUBLEM CSTYELPER 64972 CSTIELPER 64972 cstielper 64972 ostielper 64972 putp (Job already in progress) Sullivan 6-4972 cstielper 64972 cstielper 64972 (Coraft already notifide) Sullivan 6-4972 four foot shaft)REQ. H. HUBIKS 69701  ostielper 64972 cstielper 64972	CS C	ACHPS BLDE ACHPS ELCPS	20080513 20080514	2008022S 20080401 20080403 20080403 20080430 20080430 20080545 20080562 20080562 20080562 20080563 20080512	
30 30 30 25	4 4 30	REQ BY R DARIUM JR ) properly. Sullivam 6-4972	CS ES RIM US CS	BLDE BLDE INSPS BLDE MCHPS	20080528 20080530 20080411 20080523	20071207 20090228 20080411 20080521 20080626	
	25.5.25.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5	25 4 4 4 50 225 25 4 4 50 30 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Style="font-size: 150%; color: square; color: squ	Code	Post	For Problem   Post	Frita Postription

Location EDCPO: COUNT S

6/27/06 06:41:23

Completed/Issued M/D Report for Apr. 1, '08 - June 30, '08 MDCOMPSSAL CH's & MDD's Locations: BERLYN DUMDAL EASTER as of 06/27/08 Pumping Station JF LOCPO MCST QUAD WSTPT

e. Ko.	Area	Loc.	U/D Kunber		Hachine Number		HD Sts	Prty Code	Full Problem  g Description	Req. By	Craft Code	#0 Cmplt Date	WU Issue Date	Shtdun Class
11	PURPING ST	MCST .	08.83682 08.83683 08.83683 08.83686	2 1	977701 975029 975029 977701	ENGINE, DIESEL BURBLER BURBLER ENGINE, DIESEL	25 25 25 25 25	3D 3D 3D 4	Sullivan 6-4972 gauge. Sullivan 6-4972 gauge. Sullivan 6-4972 stielper 64972	C2 N2 N2 N2	NCHPS THSPS ELCPS ELCPS		20080625 20080625 20080625 20080626	
		Locat COUNT	ion MCST:											
		RUAD .	08 83106 08 83403 08 83653 08 83657 08 83657 08 83673 08 83685	1 2	935201 930102 931203 933101 933101 933101 933101	ENGINE, DIESEL RADAR, MET MELL LEVEL HUTDE, #3 SEMAGE PUMP (SUBM SCREEN, BAR SCREEN, BAR SCREEN, BAR SCREEN, BAR SCREEN, BAR	30 25 25 30 25 25 25	4 4 4 4 4	ostielper 64972 RED BY R BARTUN JR ostielper 64972 osteilper 64972 osteilper 64972 TO ALLOW EASY ACCESS TO BRAKEMOTOR REQ.BY U. HUDKS 69701 stielper 64972	CS RBJ CS CS WH CS	ELCPS ELCPS HICHPS HICHPS HICHPS	20080429 20080612	20080421 20080512 20080609 20080611 20080619 20080626	
		Locat COUKT	ion RUAD; 7	-		•								
		HSTPT	08,83415 08,63416		973401 970029	ECHERATOR ELECTRIC	30 30	4 31	ostielper64972 sight class?) Sullivan 6-4972	CS US	ELCPS INSPS	20080603 20080522	20080516 20080520	

Location WSTPT: CDUHT 2

Cost Center PUMPING ST Work Orders COURT 138

Total Hork Brders for 11: COURT 138

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area

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Completed/Issued M/O Beport for Apr. 1, 'OB - June 30, 'OB WDCDMPSSA
Ch's & NUD's Locations: BRKLYN DUNDAL EASTER as of 06/27/OB
Pumping Station JF LDCPO HCST QUAD WSTPT **NDCDNPSSAL** 

Nachine Description

hachine

Kunber

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Code

Craft Ш ND Shtdan Full Problem Issue Class Cmplt Reg. Code Sts Prty Description Bu Date Date

FIRAL TOTALS COUNT 138

Loc. Renber

#70

\*\*\* END OL BEBORL \*\*\*

FAGE 5

Completed/Issued H/O Report \*COMSENT URDERS\* Apr. 1, 2008 - June 30, 2008 Appendix "H" --- --- ----

LIBRARY HEHRER FORMAT FILE MISSIOF NSWSTOD HOUTSHEH OOT 20214 MMS810F EERMST ERASTE ERAST M18810F NSHS131 USHST31R #\$#\$T31 DCCTL M12810F DCCTL MKS816F ETEXIS TEXTSR E1EX12

Completed Rpt.-PS only(CD)Appendix "H"

06/27/08 05:41:23

Consleted/Issued H/B Report for Apr. 1, 08 - June 30, '08

\*Consent Orders\*
Co. 11 and 80 Appendix "H"

Short problem Description

EQUIPADOD as of 06/27/08 65:41:23 PAGE 1

ñachine

Description

Nachine

Number

Craft Sts Prty Req. Code Code By

UD Consent Issue Erder

Caplt Date

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Date

No records in query report.

NER TROPER BEFORT EER

#70

Loc. Munber

Pumping Station Issued W/O's Locations:

Apr. 01, '08 - June 30, '08 ---> Brooklyn Dundalk Eastern Ave

\*\* PM only \*\* ---> Jones Falls Locust Point McComas St.

---> Guad Avenue Westport

QUERY NAME . WOCOMPMSAL LIBRARY NAME . MONTHLYRUN

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FILE LIBRARY MEMBER FORMAT WSMSTOO MSMSTOO WSMSTOO WSMSTOOR WSMST31 WSMST31R

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

						•					
				1 T	4	W/0's	- In	cations:			WOCOMPMSAL PAGE
11/	27/08 06:4	1:20	ato	l Issu	/20 bin				DAL	EASTER	JF** as of 06:41:20
Apt. 01,'08 - June 30,'08 **BRKLYN DUNDAL EASTER JF** as 0+ 06:41:20 PUMPING STATIONS - PM only **LOCPD MCST GUAD WSTPT ** on 06/27/08											
			1 0111 2110				-				
Ce	Cast	Cost	Parent	MO	WO	TYPE	พถ	MO		Craft	Short problem Description
61.0	Center	Loc	WO	Şu₽	Sts		Issue	Cmplt	Typ	Code	Describeron
-		Id	Number				Dete	Date			
	MARKANTEIN OT	mmirs Mai	AG 65615		30	P	20080401	20080408	PM	PM	CHECK VARIOUS COMPONENTS
11	PUMPING ST	BHALIN	08. 82713 08. 82714		30	P	20080401	20080408	PM	PM	CHECK VARIOUS COMPONENTS
			08. 82715		30	F	20080401	20080408	₽M	PM	CHECK VARIOUS COMPONENTS
			08, 82916		30	P	20080401	20080408	PM	PM	CHECK VARIOUS COMPONENTS
			08, 82916		30	P	20080401	20080408	PM	PM	CHECK VARIOUS COMPONENTS CHECK VARIOUS COMPONENTS
			08.82917		25	P	20080401	menme 100	₽M	PM PM	INSPECT, CHECK VARIOUS COMPONENTS
			08. B2718		30	P P	20080401	20080408 20080408	PM PM	PM	INSPECT, CHECK VARIOUS COMPONENTS
			08 82919		30	P	20080401	20080408	PM	PM	LUBRICATION AND CHECKS
			08. 82920		30	P	20080401	20080408	PM	PM	CHECK UNIT (GEAR REDUCER)
			08 82721 08 82722		30	į.	20080401	20080408	PM	PM	CLEAN AND LUBRICATE UNIT
			08. 82723		30	P	20080401	20060408	PM	PM	CLEAN AND LUBRICATE UNIT
			08. 82724		30	P	20080401	20080408	PM	M	CLEAN AND LUBRICATE UNIT
			08 82925		30	TP	20080401	20080408	PM	PM PM	CLEAN AND LUBRICATE UNIT CLEAN AND LUBRICATE -
			08.82726		30	P P	20080401	20080408	PM PM	PM PM	CLEAN AND LUBRICATE
			08 82927		30	P P	20080401 20080401	20090408 20080408	PM	PM	CLEAN AND LUBRICATE
			08.82728		30	₽2 I=	20080401	20080408	PΜ	PM	CLEAN AND LUBRICATE
			08. 82929 08. 82930		30	þ	20080401	20080408	PM	PM	CHECK VARIOUS UNITS
		•	08.82931		30	b.	20080401	20080408	PΜ	PM	CHECK VARIOUS UNITS
			08.82732		30	1:	20080401	20080408	면데	PM	CHECK VARIOUS UNITS
			08.82933		30	P	20080401	20080408	PM	PM	INSPECTION
			08.82734		30	P	20080401	20080408	PM	PM PM	INSPECT AND LUBRICATE. INSPECT NORMAL OPERATION
			08. 82735		30	P	20080401	20080408	PM PM	PM PM	INSPECT NORMAL OPERATION
			08.82536		30	P	20080401	20080408 20080408	PM	PM	CHECK NORMAL OPERATION
			08.82937 08.82987		30 25	P	20080401	20000-100	PM	INSPS	INSPECTION
			08 82788		25	į.	20080401		PM	INSPS	INSPECTION
			08.62787		25	þ	20080401		۶M	INSPS	INSPECTION
			08. B2990		25	P	20080401		PM	INSPS	INSPECTION
			08. 82991		25	P	20080401		PM	INSPS	INSPECTION INSPECTION
			OB 82992		25	E)	20080401		PM PM	INSPS INSPS	INSPECTION
			08.82993		30 25	P P	20080401 20080401	20080429	PM	ELCFS	INSPECT AND CLEAN
			08.83047 08.83048		30	P.	20080401	20080428	PM	ELCPS	INSPECT & CALIBRATE
			08. 83049		25	į.	20080401		PM	ELCPS	CLEAN & INSPECT
			08. 83077		30	P	20080401	20080407	₽M	MCHPS	INSPECTION
			08. 83078		30	P	20080401	20080407	PM	MCHPS	INSPECTION
			08. 93148		25	P	20080502		PM	INSPS	INSPECTION
			08 83149		25	į.	20080502		M9 M9	INSPS INSPS	INSPECTION INSPECTION
			08.83150		25	P	20080502 20080502		PM M9	INSPS	INSPECTION
			08 83151		25 25	P	20080502		PM	INSPS	INSPECTION
			08. 83152 08. 83153		25	F	20080502		PΜ	INSPS	INSPECTION
			OB. 83154		25	þ	20080502		PΜ	INSPS	INSPECTION
			08.83155		25	F	20080502		PM	INSPS	CHECK COMPONENTS
			08, 8315გ		25	P	20080502		PM	INSPS	INSPECTION
			08. 83157		25	P	20080502		PM	INSPS	INSPECTION

Enrichment

WOCOMPMSAL PAGE W/D's Locations: 06/27/08 06:41:20 Total Issued as of 06:41:20 Apr. 01, '08 - June 30, '08 \*\*BRKLYN DUNDAL EASTER JF\*\* PUMPING STATIONS - PM only \*\*LOCPO MCST GUAD WSTPT \*\* on 06/27/08 Craft Short problem TYPE WO WD WO Cost Cost Parent WO Code Description Issue Cmp1t Tup Suf Νo Center Loc ыΠ Sts Date Date Ιd Number 20080502 ΡМ INSPS INSPECTION 25 PUMPING ST BRKLYN 08, 83158 CLEAN AND INSPECT INSPS Р 20080502 Mq 25 08.83159 20080502 PM INSPS CLEAN AND INSPECT ps. Р 08.83160 INSPECT/REPAIR/PLUMBING-ETC. P 20080502 20080508 BLDG PM 08. B3174 30 ΡM MCHPS CLEAN VACUUM LINES 20080505 30 Р 20080502 08.83170 CLEAN VACUUM LINES 20080505 MCHP 5 F 20080502 PM 08. 83191 30 ELCPS CLEAN AND INSPECT PM Þ 20080502 08.83222 25 INSPECT AND LUBRICATE þ 20080502 20080520 РΜ ELCPS 08. 83223 30 PM ELCPS INSPECT AND LUBRICATE 20080520 20080502 08.83224 30 INSPECT AND LUBRICATE Þ 20080502 20080520 PM GRDS 08.83224 30 INSPECT AND LUBRICATE 20080502 20080520 ПH ELCPS 30 08. 83225 CHECK BRUSH, LUBRICATE GENERATOR BEARIN 20080502 20080520 PM ELCPS Р 08.83226 30 CHECK VARIOUS COMPONENTS 20080513 PM р 20080502 30 08, 83331 FM CHECK VARIOUS COMPONENTS 20080519 P 20080502 30 ós. 83332 CHECK VARIOUS COMPONENTS 20080519 PM Þ 20080502 08 83333 30 CHECK VARIOUS COMPONENTS 20080519 PM 20080502 PM 08. 83334 130 Р PM CHECK VARIOUS COMPONENTS P 20080502 PM 25 08, 83335 INSPECTION 20080519 ΡM P 20080502 PM 30 08. 83336 INSPECT, CHECK VARIOUS COMPONENTS Þ 20080502 20080519 PM 30 08. 83337 INSPECT, CHECK VARIOUS COMPONENTS 20080502 20080519 PM PM P 30 08. 93338 INSPECTION Þ 20080502 20080519 ΡM PM 30 08. 83339 LUBRICATION AND CHECKS PH 20080519 PΜ p 20080502 30 08.83340 CHECK UNIT (GEAR REDUCER) PM ΡM 30 P 20080502 20080519 08.83341 CLEAN AND LUBRICATE UNIT PМ Р 20080502 20080519 PM 08.83342 30 CLEAN AND LUBRICATE UNIT p PM 08.83343 30 20080502 20080519 PM PM CLEAN AND LUBRICATE UNIT 20080519 30 P 20080502 08. 83344 CLEAN AND LUBRICATE UNIT PM PM P 20080502 20080519 30 08 83345 CLEAN AND LUBRICATE Ð 20080502 20080519 PH PH 30 08.83346 CLEAN AND LUBRICATE Ė PΜ PM 20080519 30 20080502 OB. 83347 CLEAN AND LUBRICATE p 20080519 PM PM 30 20080502 08, 83348 PM CLEAN AND LUBRICATE P PM 30 20080502 20080519 08.83349 CHECK VARIOUS UNITS PM 30 P 20080502 20080519 PM ดัย ยังงรดิ CHECK VARIOUS UNITS E PM PM 08 93351 30 20080502 20080519 CHECK VARIOUS UNITS PM 08.83352 25 E 20080502 PM INSPECTION MG 30 È 20080502 20080519 ЭΜ 08. 83353 INSPECT AND LUBRICATE.
INSPECT NORMAL OPERATION P 20080519 PM PM 30 20080502 08. 83354 P PM 30 20080502 20080519 РM 08.83355 INSPECT NORMAL OPERATION P Μď PM 20080519 ЗŌ 20080502 08. 83356 CHECK NORMAL OPERATION F 20080519 PM 30 20080502 단법 09.83357 INSPECTION ELEC 30 20080602 20080610 PM 08.83434 INSPECTION p MCHPS PΜ 08. 83434 30 20080602 20080610 INSPS INSPECTION PΜ 08, 83470 25 P 20080602 P INSPS INSPECTION 25 20080602 PM 08.83471 INSPS INSPECTION 25 p 50080905 PM 08 83472

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WOCOMPMSAL as of 06:41:20 06/27/08

			APT. O PUMPING	1, '08 - STATIO	NS –	PM e	only **Li	OCPO MCST	QUA	D WSTP	T ** on 06/27/08
Co No	Cost Center	Cost Loc Id	Parent WO Number	WO	WO Sts	TYPE	WO Issue Date	WO Cmplt Date	₩rk Typ	Craft Code	Short problem Description
		10	14Culp e :						mad	ELCPS	INSPECT AND LUBRICATE
	PUMPING ST	BRKLYN	08.83515		30	P	50080905	50080903	PM	ELCPS	INSPECT AND LUBRICATE
			08.83516		30	P	50080905	20080603	PM	ELCPS	INSPECT AND LUBRICATE
			08. 83517		30	P	20080905	20080603	PM	ELCPS	CHECK COMPONENTS
			08 83518		30	P	20080602	E0908083	PM PM	ELCPS	INSPECT AND LUBRICATE
			08.83519		30	P	20080602	50080903 50080903	PM	ELCPS	INSPECT & CALIBRATE -
			08. B3520		30	P	50080905 50080905	20080602	PM	PM	INSPECT OPERATION AND LUBE.
			08.83610		30	P P	50080905	20080612	ΡM	PM	INSPECT OFERATION AND LUBE
			08. 83611		OE	Þ	20080802	20080612	PM	PM	INSPECT OPERATION AND LUBE
			08 83612		30 30	r P	20080905	20080612	ΡM	PΜ	INSPECT OPERATION AND LUBE
			08.83613		30	F	20080905	20080612	PM	PM	INSPECT OPERATION AND LUBE
			08.63614		30	P	20080602	20080612	PM	PM	INSPECT OPERATION AND LUBE
			08. 83615		30	Þ	20080602		PM	PM	CHECK VARIOUS COMPONENTS
			08. 83616 08. 83617		25	P	50080905		PM	PM	CHECK VARIOUS COMPONENTS
			08 83618		30	P	20080602	20080412	PM	PM	INSPECTION
			08.83619		30	P	20080402	20080612	PM	₽M	INSPECT AND LUBRICATE GATE
			0B. B3620		30	P	20080402	20080612	PH	PΜ	INSPECT AND LUBRICATE GATE
			08, 83621		30	P	50080905	20080612	PM	PM	INSPECT AND LUBRICATE GATE
		•	08. 83622		30	P	20080402	20080612	PM	PM	INSPECTION
			08. 83623		30	₽	20080602	20080612	PΜ	PM	INSPECTION
			08. 83624		30	P	20080602		ÞМ	PM	INSPECTION
			08. 83625		30	1.		20080612		PM	INSPECT AND LUBRICATE.
			08. 83626		30	P	20080602	20080612	PH	MG	INSPECTION
		Total COUNT	W/O's for 119	Locati	ion	BRKLY	N:				
		THE RESERVE	Q8. 82877		30	Р	20080401	20080407	PM	PM	INSPECT AND LUBRICATE
		DONDAL	08. 62879		30	Р	20080401	19880407	PM	PM	INSPECT AND LUBRICATE
			08. 82879		30	Р	20080401	20080407	PM	PM	INSPECT AND LUBRICATE
			08. 82880		30	P	20080401	20080407	PM	PM	INSPECT AND LUBRICATE
			08.82881		30	P	20080401	20080407	PM	PM	TEST AND LUBRICATE
			08. 82882		30	Þ	20080401	20080407	PM	PM	TEST AND LUBRICATE
			08. 82883		30	₽	20080401	20080407	PM	PM 	TEST AND LUBRICATE TEST AND LUBRICATE
			08. 62684		30	P	20080401	20080407	PΜ	PM	TEST AND LUBRICATE
			08. 82885		30	F	20080401	20080407	PM	PM	TEST AND LUBRICATE
			08. 82886		30	₽	20080401	20080407	PM	PM	TEST AND LUBRICATE
			08. 82887		30	Ь	20080401	20080407	PM	PM PM	TEST AND LUBRICATE
			OS. 62888		30	Þ	20080401	20080407	PM	PM	INSPECT AND LUBRICATE
			08. 82887		30	Р	20080401	20080407	PM PM	PM	INSPECT AND LUBRICATE
			08. 82890		30	P	20060401	20080407 20080407	PM	PM	INSPECT AND LUBRICATE
			08. 82891		30	þ	20080401	20080407	PM	PM	INSPECT AND LUBRICATE
			08, 82892		30	P	20080401 20080401	20080407	PM	PM	MONTHLY INSPECTION
			08. 82873		30	þ	20080401	20080407	PM	PM	MONTHLY INSPECTION
			08. 82894		30	P	20080401	20080407	PΜ	РM	INSPECT AND LUBE
			08.82875		30	P	20080401	20080407	PM	PM	CLEAN AND LUBRICATE
			08. 82896		30	P	20080401	20080407	РM	PM	CLEAN AND LUBRICATE
			08. 82897		20	1			•		

		1.50	Tota	l Issu	ed	W/O′:		ations:			WOCOMPMSAL PAG
067	27/08 Q6:4	1. EV	Apr. O PUMPING	1. '08	- June	.00° Md	′08 **BF only **L(	RKLYN DUNI DCPD MCST	QU/	EASTER AD WSTP	
Co No	Cost Center	Cost	Parent WO	₩O Suf	WC) Sts	TYPE	Wû Issue Date	WD Cmplt Date	Wrk Typ	Craft Code	Short problem Description
		īd	Number		30	P	20080401	20080407	PM	PM	CLEAN AND LUBRICATE
, i	PUMPING ST	DUNDAL	08.82879 08.82879		30	P	20080401	20080407	PM	PM	INSPECT AND LUBRICATE
			08, 82900		30	P	20080401	20080407	PM	РM	MONTHLY INSPECTION MONTHLY INSPECTION
			08, 92901		30	P	20080401	20080407	PΜ	PM	INSPECTION.
			08. 82702		30	P	20080401	20080407	PM	PM	INSPECTION.
			08.82703		30	F	20080401	20080407	PM	PM	INSPECT AND LUBRICATE
			08.82904		30	P	20080401	20080407	PM	PM PM	INSPECT AND LUBRICATE
			OB 82905		30	P	20080401	20080407	PM PM	PM	THERECT AND LUBRICATE
			08. 62704		30	P	20080401	20080407 20080407	FM	PM	DREEDVE OPERATION, LUBRICALIUN
			OB. 82707		30	P	20080401 20080401	20080407	PM	PM	OBSERVE OPERATION, LUBRICATION
			08.82908		30	P	20080401	20080407	РM	PM	MONTHLY INSPECTION
			08. 82909		30 25	r	20080401		PM	INSPS	INSPECT AND CALIBRATE
			08. 82980		25	F	20080401		면	INSPS	INSPECTION
			08.82981		25	P	20080401		FΜ	INSP5	PURGE TRANSMITTER.
			08 82982 08 82983		25	Þ	20080401		РM	INSPS	INSPECT AND CALIBRATE
			08.82784		25	P	20080401		PM	INSPS	INSPECTION INSPECTION
			08. 82985		25	F	20080401		PM	INSPS INSPS	INSPECT AND CLEAN
		•	08.82986		25	P	20080401		PM	HA	INSPECTION
			08.83005		25	Þ	20080401		PM PM	ELCPS	CLEAN AND INSPECT
			08.83030		30	P	20080401	20080414	FM	ELEC	CLEAN AND INSPECT
			08.83030		30	F	20080401	20080411	MG	ELCPS	INSPECTION, (CONTROLS).
			08.83031		30	P	20080401 20080401	20080411	FΜ	ELEC	INSPECTION, (CONTROLS).
			08.83031		30	F	20080401	20080414	PM	ELCPS	INSPECT AND LUBRICATE
			08.83032		30	53	20080401	20080414	PM	ELEC	INSPECT AND LUBRICATE
			08 83032		30	Р	20080401	20080414	PM	ELCPS	INSPECT AND LUBRICATE
			08,83033 08,83033		30	F	20080401	20080414	FM	ELEC	INSPECT AND LUBRICATE INSPECT AND LUBRICATE
			08.83034		30	P	20080401	20080414	PM	ELCPS	INSPECT AND LUBRICATE
			08.83034		30	P	20080401	20080414	PM	ELEC ELCPS	INSPECT AND LUBRICATE
			08.83035		30	P	20090401	20080411	M9 M9	ELEC	INSPECT AND LUBRICATE
			08.83035		30	P	20080401	20080411	PM	ELCP5	INSPECT AND LUBRICATE
			08 83034	ı	30	F	20080401	20080414 20080414	PΜ	ELEC	INSPECT AND LUBRICATE .
			OB B3039		30	Þ	20080401	20080414	PΜ	ELCPS	INSPECT AND LUBRICATE
			08.83037		30	P	20080401	20080414	PM	ELEC	INSPECT AND LUBRICATE
			OB. 83037		30	P	20080401	20080512	P ₹*	ELCPS	ELECTRICAL INSPECTION
			OB. 8303E		30	þ	20080401	20080411	현석		TEST AND INSPECT
			08.83039 08.83039		30	Ė.	20080401	20080411	PM		TEST AND INSPECT
			08. 83040		30	P	20080401	20080411	PM		TEST AND INSPECT
			08, 83040		30	; P	20080401	20080411	PM		TEST AND INSPECT TEST AND INSPECT
			08, 83041		30		20080401	20080411	면서		TEST AND INSPECT
'			08, 83041		30		20080401				and the same of th
			08. 83042		30		20080401				TEST AND INSPECT
,			08. 83042		30		20080401				TEST AND INSPECT
			08. 83043		30		20080401				TEST AND INSPECT
			09.83043		30		20080401				
ı			08.83044	4	30	P	20000401	2000011			

Total Issued W/O's Locations: WOCDMPMSAL Apr. 01, '08 - June 30, '08 \*\*BRKLYN DUNDAL EASTER JF\*\* as of 06:41:20 PUMPING STATIONS - PM only \*\*LOCPD MCST GUAD WSTPT \*\* on 06/27/08

			. 0.11 *1.70								
_	0 1	Cost	Parent	₩Đ	WO	TYPE	WD	WO	Wrk		Short problem
Co	Cost			Suf			Issue	Cmplt	7 պ թ	Code	Description
No	Center	Loc	WO Number	501			Date	Date			
		1 0	Montoen								
		DI INTO AL	AD 05044		30	P	20080401	20080414	PM	ELEC	CLEAN AND INSPECT
i	PUMPING ST	DOMDAL	08. 83045		30	P	20080401	20080425	단	ELCPS	CLEAN AND INSPECT
			08. 83045 08. 83045		30	P	20080401	20080429	PM	MECH	CLEAN AND INSPECT
			08.83045		30	P	20080401	20080429	PM	ELCPS	CLEAN AND INSPECT
					25	Þ	20080502		PM	INSPS	INSPECT AND CALIBRATE
			08.83133		30	P	20080502	20080516	PΜ	INSPS	INSPECTION
			08. 83134		25	P	20080502		PΜ	INSPS	INSPECTION
			08, 83135		30	Þ	20080502	20080521	PM	INSPS	INSPECTION
			08. 83134		30	F	20080502	20080521	PM	INSPS	INSPECTION
			08, 83137		25	P	20080502		PM	INSPS	PURGE TRANSMITTER.
			08, 83138		25	P	20080502		PM	INSPS	INSPECT AND CALIBRATE
			08.83137		30	₽	20080502	20080521	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			08, 83140		30	E)	20080502	20080521	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			08 83141		30	P	20080502	20080521	PM	INSP5	CLEAN/INSPECT/CALIBRATE
			08.83142			b.	20080502	20080521	PM	INSPS	INSPECTION
			08.83143		30	P	20080502	20080520	РM	INSPS	INSPECTION
			08 83144			F	20080502	2000000	PM	RREMI	INSPECTION
			08. 83145		25	F	20080502		PΜ	INSPS	INSPECTION
			08.83146		25	P	20080502		PM	INSPS	INSPECT AND CLEAN
			08.83147		25	Ę.	20080502	20080507		BLDG	INSPECT/REPAIR/PLUMBING-ETC
			08. 83172		30		20080502	20080506	ΡM	MCHPS	INSPECTION
			08 83189		30	٦ ج	20080502	20080505	PΜ	ELCPS	CHECK OPERATOIN.
			08 83207		30		20080502	20080512	PΜ	ELCPS	CHECK OPERATOIN.
			08.83208		30	F	20080502	20080512	PM	ELCPS	CHECK OPERATOIN.
			08. 83209		30	F	20080502	20080505	PM	ELCPS	INSPECT AND LUBRICATE
			08.83210		30	F)	20080502	20080505	ΡM	ELCPS	INSPECT AND LUBRICATE
			08. 83211		30	P P	20080502	20080505	ΡM	ELCPS	INSPECT AND LUBRICATE
			08. 83212		30		20080502	20080505	PM	ELCPS	INSPECT AND LUBRICATE
			08. B3213		30	P P	20080502		ÞМ	ELCES	INSPECT AND LUBRICATE
			08. 83214		30	-	20080502		PM	ELCPS	INSPECT AND LUBRICATE
			08, 83215		30	P	20080502	20080519	PM	ELCPS	INSPECT AND LUBRICATE
			08. 83214		30	P	20080502			ELEC	INSPECT AND LUBRICATE
			Ó8.83216		30	r P	20080502	20080517	PM	ELCPS	INSPECT AND LUBRICATE
			08 83217		30		20080502	20080517	PM	ELEC	INSPECT AND LUBRICATE
			68. B3217		30	p p	20080502	20080519		ELCPS	INSPECT AND LUBRICATE
			08.83216		30		20080502	20080519	PM	ELEC	INSPECT AND LUBRICATE
			08.83218		30	P	20080502	20080519		ELCPS	TEST AND INSPECT
			08.83219		30		20080502			ELEC	TEST AND INSPECT
			08. B3217		30		20080502	20080517		ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL
			08. 83220		30					ELEC	CHECK FIRAT SWITCH & LUBE MECHANICAL
			08.83220		30		20080502 20080502	20080519		ELCPS	CHECK FLOAT SWITCH & LUBE MECHANICAL.
			08. 83221		30					ELEC	CHECK FLOAT SWITCH & LUBE MECHANICAL.
			08. 83221		30		20080502			PM	INSPECT AND LUBRICATE
			08.83287		30		20080502	20080506		PM	INSPECT AND LUBRICATE
			OB 83289		30		20080502			PM	INSPECT AND LUBRICATE
			08. B3290		30		20080502	50080209		₽M	INSPECT AND LUBRICATE
			08.83270		30		20080502			PM	INSPECT AND LUBRICATE
		•	08. 83291		30		20080502	20080506		PM	INSPECT AND LUBRICATE
			08. 83291		30	P	50080205	20080506	3711	1 11	=3 · · · · · · · · · · · · · · · · · · ·

06/3	27/08 06:4:	1:20	Tota Apr. O PUMPING	l Issu 1, 'OB STATI	- Jun	W/O': 30, PM (	′08 **B	cations: RKLYN DUN DCPO MCST	DAL GUA	EASTER D WSTP	WDCOMPMSAL PAGE 6 JF** as of 06:41:20 T ** on 06/27/08
u a	Cast	Cost	Parent	MO	WO	TYPE	MD	MO	₩rk	Craft	Short problem
No	Center	Loc	WO	Suf	5ts	_	Issue	Cmplt	Typ	Code	Description
		Ιd	Number				Date	Date			
					5.0	-	00000000	0000000	56	ры	INSPECT AND LUBRICATE
į	PUMPING ST	DUNDAL			30	P P	20080502	20080506 20080506	PM PM	PM PM	INSPECT AND LUBRICATE
			08.83272		30	P	20080502	20080506	rn PM	PM	TEST AND LUBRICATE
			08.83273		30	p F	20080502	20080506	PM	PM	TEST AND LUBRICATE
			08. 83294		30	P	20080502	20080506	PM	PM	TEST AND LUBRICATE
			08. 83295 08. 83296		30	Þ	20080502	20080506	₽M	PM	TEST AND LUBRICATE
			08, 83297		30	P	20080502	20080506	PМ	PM	TEST AND LUBRICATE
			08.83298		30	P	20080502	17680506	PM	PM	TEST AND LUBRICATE
			08.83277		30	Ë	20080502	20080506	PM	PM	TEST AND LUBRICATE
			08. 83300		30	þ	20080502	19680506	PM	PM	TEST AND LUBRICATE
			08. 83301		30	P	20080502	20080506	PM	면데	INSPECT AND LUBRICATE
			08. 83302		30	F	20080502	20080506	PM	PM	INSPECT AND LUBRICATE
			08. 83303		30	Þ	20080502	20080506	PM	ΡM	INSPECT AND LUBRICATE
			08 83304		30	Þ	20080502	20080505	РM	PM	INSPECT AND LUBRICATE
			08 83305		30	₽	20080502	20080506	PM	PM	MONTHLY INSPECTION
			08. 83306		30	P	50080205	20080506	PМ	PM	MONTHLY INSPECTION
			08.83307		30	P	20080502	20080506	PΜ	PM	LUBE COUPLING
			08.83308		30	P	50080205	20080506	PM	PM	LUBE COUPLING
			08.83309		30	P	20080502	20080506	ΡM	PM	INSPECT AND LUBE CLEAN AND LUBRICATE
			08 83310		30	P	20080502	20080506	PM	PM	CLEAN AND LUBRICATE
		•	08. 83311		30	P	20080502	20080506	ΡM	PM PM	CLEAN AND LUBRICATE
			08.83312		30	P	20080502	20080508	PM PM	PM	INSPECT AND LUBRICATE
			08. 83313		30	is b	20080502 20080502	20080504 20080504	PM	PM	MONTHLY INSPECTION
			08.83314		30 30	F	20080502	20080506	РM	PM	MONTHLY INSPECTION
			08.83315		30	F	20080502	20080506	PM	PM	INSPECTION.
			08.83316 08.83317		30	P	20080502	20080506	₽M	PN	INSPECTION
			08 83318		30	P	50080205	20080506	PM	PM	INSPECT
			08. B3319		30	P	20080502	20080506	PM	PΜ	INSPECT AND LUBRICATE
			08. 83320		30	P	20080502	20080506	PM	PM	INSPECT AND LUBRICATE
			08. 83321		30	P	20080502	20080506	PM	PM	INSPECT AND LUBRICATE
			08. 63322		30	P	20080502	20080506	PM	₽M	INSPECT TANK
			06.83323		30	P	20080500	20080506	PM	PΜ	CRANE GEAR BOX OIL CHANGE: ANNUAL INSPE
			08.83324		30	P	20080502	20080504	PM	PM	DBSERVE OPERATION, LUBRICATION
			08.83325		30	P	20080502	20080506	РM	PM	DBSERVE OPERATION, LUBRICATION
			08. 83326		30	P	20080502	20080506	PM	PM	MONTHLY INSPECTION
			08. 83327		30	F	20080502	20080506	PM	PM	MONTHLY INSPECTION
			06. B3462		25	P	50080905		PM	INSPS	INSPECT AND CALIBRATE
			E64E8 80		25	P	50080905		PM	INSPS	INSPECTION PURGE TRANSMITTER
			08.83464		25	P	50080905		PM PM	INSPS INSPS	INSPECT AND CALIBRATE
			08. B3465		25	P P	20080602		PM	INSPS	INSPECTION
			08.83466		25 25	F	20080602		PM	INSPS	INSPECTION
			08.83467 09.83468		25	P	20080802		PM	INSPS	INSPECT AND CLEAN
			08.83498		25	F	20080602		PM	ELCPS	INSPECTION, (CONTROLS).
			08. 83479		25	þ	20080602		PM	ELCPS	REPLACE BATTERY
			08. 83500		25	þ	20080905		FM	ELCPS	REPLACE BATTERY
			08. 83501		25	Þ	20080402		MF	ELCPS	REPLACE BATTERY

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Locations: NA FASTER JE\*\*

WDCOMPMSAL as of 06:41:20

_		かいはげい	AI FA	SIER V	15 x x		
, 108	**BRKLYN	15/15/14/15	UP				A4/97/08
, ,,		CO CT	$\alpha \omega \omega$	WEITET	* *	011	00,27,00
កការីស	**BRKLYN **LOCPO	rico:	A DUILLY				

.,,			Apr. O PUMPING	1, 'UE	- ONS -	; 307, ₽M t	only **L0	CPO MCST	QUA!	D WSTP	f ** on 08/2//00
Co	Cost Center	Cost	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmplt Date	Wrk Typ	Craft Code	Short problem Description
		Ιd	Number				2				INSPECT AND LUBRICATE
					25	P	20080602		PM	ELCPS	RUN STATION UNDER LOAD
11	PUMPING 5	T DUNDA	08.83502 08.83503		25	Þ	50080905		PM	ELCPS ELCPS	CLEAN AND INSPECT
			08. 83504		30	Р	20080602	20080616	PN	ELCPS	CLEAN AND INSPECT
			08.83504		30	P	50080905	20080616	PM PM	ELCP5	CLEAN AND INSPECT -
			08. 83505		30	P	50080905	20080616	PM	ELCPS	CLEAN AND INSPECT
			08. 83505		30	F	20080602	20080616	PM	ELCPS	CLEAN AND INSPECT
			08. 83506		25	P	20080602		ΡM	ELCPS	CLEAN AND INSPECT
			08, 83506		25	P	50080905 50080905		₽M	ELCPS	CLEAN AND INSPECT
			08. 83507		25	P P	20080905		PM	ELCFS	CLEAN AND INSPECT
			08, 83507		25 25	F	20080402		무선	ELCPS	CLEAN AND INSPECT CLEAN AND INSPECT
			08.83508		25	F	20080402		PΜ	ELCPS	CLEAN AND INSPECT
			08, 83508		25	P	20080402		ÞΜ	ELCP5	CLEAN AND INSPECT
			08. 83509 08. 83509		25	P	20080402		PM	ELCPS ELCPS	CLEAN AND INSPECT
			08 83510		30	P	50080905	20080623	PM mm	ELCPS	CLEAN AND INSPECT
			08, 83511		30	F	50080905	50080953	PM PM	ELCPS	CLEAN AND INSPEC!
			08.83512		ÖE	F	50080905	20080612	PM	ELCPS	CLEAN AND INSPECT
			08.83512		30	P	20080402	20080612	₽M	PM	INSPECT AND LUBRICALE
			08. 83572		30	F	20080402	20080624	₽M	PM	INSPECT AND LUBRICALE
			08.83573		30	P	20080602	20080624	₽M	PM	INSPECT AND LUBRICATE
			08.83574		30	P	50080605	20080624	PM	PM	INSPECT AND LUBRICATE
			08, 83575		30	P	20080602	20080624	ΡM	PM	TEST AND LUBRICATE
			09. 83576		30 30	þ	20080402	20080624	PM	PM	TEST AND LUBRICATE TEST AND LUBRICATE
			08, 83577		30	. ₽	20080402	20080624	PM	PM	TEST AND LUBRICATE
			08, 83578		30	F	50080905	20080624	PM	PM	TEST AND LUBRICATE
			08. 83579 08. 83589		30	F	20080602	20080624	면선	PM PM	TEST AND LUBRICATE
			06 83581		30	P	50080405	20080624	PM	PM PM	TEST AND LUBRICATE
			08, 8358		30		20080602	20090624	PM PM	PM	TEST AND LUBRICATE
			08. 83583		30		20080602	20080624	PM	PM	INSPECT AND LUBRICATE
			08, 8358		30		50080705	20080624 20080624	₽M	₽M	INSPECT AND LUBRICATE
			08. 8358		30		20080602	19480624		FM	INSPECT AND LUBRICATE
			QS. 8358a	5	30		20080602 20080602	20080624		면데	INSPECT AND LUBRICATE
			08. 8358		30		50080905	20080624		PM	MONTHLY INSPECTION
			08.8358		30		20080602	20080624		PM	MONTHLY INSPECTION INSPECT AND LUBE
			08. 8358		30		20080402	20080624	Mq	PM	CLEAN AND LUBRICATE
			08.8359	0	30		20080602	20080624		PM	CLEAN AND LUBRICATE
			08. 8359 08. 8359		30	_	20080602			PM	CLEAN AND LUBRICATE
			08, 8359 08, 8359		30		20080602			PM Mq	INSPECT AND LUBRICATE
			08. 8359		3(		50080905			PM	MONTHLY INSPECTION
			08, 8357		30		50080905			PM	MONTHLY INSPECTION
			08.8359		(30		20080602				INSPECTION.
			08.8359		30		20080602				INSPECTION.
			08, 8355		3		20080602		•		INSPECT AND LUBRICATE
			08 8355		3		20080602				INSPECT AND LUBRICATE
			08, 8360		3		20080602				INSPECT AND LUBRICATE
			08.8360	)1	3	ur t"					

		<b>-</b> 4	1 7		W/O/	<b>∊</b>	cations:			WOCOMPMSAL PAGE 8
06/27/08 06:41	: 20	Tota	1 Issue 1,'08 -	ea lum			RKLYN DUN	DAL.	EASTER	JF** as of 06:41:20
		PUMP ING	STATIC	NS	PM		OCPO MOST	QUA	D WSTP	7 ** on 06/27/08
		1 0111 1140	<b>5</b> ,			_				
Co Cost	Cost	Parent	MO	MO	TYPE		MD	Wrk	Craft	Short problem Description
	Loc	MC	Buf	Sts		lssue	Cmplt	Ţyp	Code	Destribution
	Id	Number				Date	Date			
				30	Р	20080402	20080624	РM	PM	QUARTERLY INSPECTION AND LUBRICATION
i PUMPING ST	DUNDAL			30	F	20080905	20080624	РМ	PM	OBSERVE OPERATION, LUBRICATION
		08. 83603 08. 83604		30	þ	20080602	20080624	PM	PM	OBSERVE OPERATION, LUBRICATION
		08. 83605		30	P	50080905	20080624	PM	PM	MONTHLY INSPECTION
		08. 83606		30	Р	20080602	20080624	PΜ	PM	MONTHLY INSPECTION _
										•
		W/O's for	Locat:	ion	DUNDA	L:				
	COUNT	218								
	F. 6750	40 000/O		25	P	20080401		РM	PM	INSPECT AND LUBRICATE.
	FARIER	08.82863		25	P	20080401		PM	PM	INSPECT AND LUBRICATE.
		08. 82864 08. 82865		30	P	20080401	20080428	PM	M	DIL CHANGE
		08. 92866		30	þ	20080401	20080428	PM	PΜ	DIL CHANGE
		08. 82667		30	P	20080401	20080428	PM	₽M	OIL CHANGE
		08. 82868		30	P	20080401	20080428	PM	PM	CHANGE DIL
		08, 82849		30	P	20080401	20080428	PM	PM	CHANGE DIL AND FILTER.
		08. 82670		25	þ	20080401		PM PM	PM PM	CHANGE DIL AND FILTER.
		08. 82671		25	P	20080401	000000000	PM PM	PM	LUBRICATE
	•	08. 82872		30	P	20080401	20080428	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		08.82751		30	F P	20080401 20080401	20080414	PM	INSPS	INSPECT/CLEAN/CALIBRT
	-	08.82752		30	F	20080401	20080414	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		08 82953	-	30	P	20080401	20080414	PM	INSPS	INSPECT/CLEAN/CALIBRATE
		08. 82954 08. 82955		30	Þ	20080401	20080414	PM	INSPS	INSPECT/CLEAN/CALIBRATE
		08. 62954		30	P	20080401	20080416	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		OB. 82957		30	Ė	20080401	20080415	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		08 82958		30	P	20060401	20080415	PM	INSPS	CLEAN/INSPECT/CALIBRATE CLEAN/INSPECT/CALIBRATE
		08.82959		25	Ь	20080401		PM	INSPE	CLEAN/INSPECT/CALIBRATE
		08.82960		30	F	20080401	20080415	PM PM	INSPS INSPS	CLEAN/INSPECT/CALIBRATE
		08 82961		30	₽	20080401	20080415	PM	INSPS	CLEAN/INSPECT/CALIBRATE
		08.82742		25	F	20080401 20080401		PM	INSPS	CLEAN/INSPECT/CALIBRATE
		08.82743		25 30	P	20080401	20080411	PM	INSPS	INSPECT PRESSURE DEVICES
		08 82964 08 82965		25	P	20080401		PM	INSPS	INSPECTION
		08. B2966		25	F	20080401		PM	INSPS	INSPECTION
		08.82767		30	P	20080401	20080415	PM	INSPS	CLEAN AND INSPECT
		08, 83007		25	P	20080401		PΜ	ELCPS	CLEAN AND INSPECT
		08. B3008		30	Þ	20080401	20080408	₽M	ÉLCPS	INSPECT AND LUBRICATE
		08.83009		30	P	20080461	20080408	PM	ELCPS	INSPECT AND LUBRICATE
		08.83010		30	P	20080401	20080408	PM	ELCPS	INSPECT AND LUBRICATE INSPECT AND LUBRICATE
		08.83011		30	P	20080401	20080408	PM PM	ELCPS ELCPS	INSPECT AND LUBRICATE
		08.83012		30	P	20080401	20080408	PM	ELCPS	INSPECT AND LUBRICATE
		08.83013		30	₽ P	20080401	20080401	PΜ	ELCFS	INSPECT AND LUBRICATE
		08.83014		30	P	20080401	20080407	PΜ	ELCPS	INSPECT AND LUBRICATE
		08.83015		30	þ	20080401	20080407	PM	ELCPS	CLEAN AND INSPECT
		08.83016		30	P	20080401	20080407	PΜ	ELCPS	CLEAN AND INSPECT
		08.83016 08.83017		30	þ	20080401	20080407	PM	ELCPS	CHECK VARIOUS UNITS
		eu. Duoir			•					

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	27/08 0	6:4		Apr. O FUMPING	l Issui 1,'08' STATI	- June	W/O': PM :	'08 **Bi	ations: RKLYN DUNI DGPO MCST WO	GUAI	EASTER D WSTP1 Craft	Short problem
	Cost	-	Cost Loc Id	Parent WO Number	Suf	Sts	111 6.	Issue Date	Cmplt Date	Typ	Code	Description
•	• •	ST ST		Number  08. 83018 08. 83017 08. 83075 08. 83075 08. 83086 08. 83086 08. 83086 08. 83169 08. 83169 08. 83169 08. 83179 08. 831796 08. 831796 08. 831796 08. 83185 08. 83185 08. 83186 08. 83186 08. 83186 08. 83186 08. 83186 08. 83186 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266 08. 83266		00000005550000000000000000000000000000	מטמבים היה היה היה היה היה היה היה היה היה ה	Date 20080401 20080401 20080401 20080401 20080401 20080401 20080401 20080401 20080502	20080407 20080502 20080502 20080502 20080402 20080402 20080402 20080502 20080502 20080502 20080522	***************************************	SSS S S SSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	INSPECT AND LUBRICATE OVERHEAD BRIDGE INSPECTION INSPECTION INSPECTION EXTERMINATE LOCKER RM. LOWER LEVEL. INSPECT/REPAIR/PLUMBING-ETC. COMPUTER PAPER PICK-UP INSPECTION EXTERMINATE LOCKER RM. LOWER LEVEL. COMPUTER PAPER PICK-UP INSPECTION EXTERMINATE LOCKER RM. LOWER LEVEL. COMPUTER PAPER PICK-UP INSPECTION INSPECT AND LUBRICATE  INSPECT AND LUBRIC
				08. 83448 08. 83447 08. 83450 08. 83451		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ь ь ь	20080602 20080602 20080602		PM PM PM PM	INSPS INSPS INSPS INSPS	CLEAN/INSPECT/CALIBRATE CLEAN/INSPECT/CALIBRATE INSPECT PRESSURE DEVICES INSPECTION

Co Cost

Total Issued W/O's Locations: WOCOMPMSAL Apr. 01,'08 - June 30,'08 \*\*BRKLYN DUNDAL EASTER JF\*\* as of 06:41:20 PUMPING STATIONS - PM only \*\*LOCPO MCST QUAD WSTPT \*\* on 06/27/08 WO WO TYPE WO WO Wrk Craft Short problem Cost Parent

Na	Center		Loc Id	Muwper ₩□	Suf	Sts		Issue Date	Cmplt Date	Typ	Code	Describaton
1	PUMPING	ST	EASTER	08. 83452		25	P	20080602		PM	INSPS	INSPECTION
•	. 5(,, 2.10			08. 83453		25	P	20080402		MH	INSPS	CLEAN AND INSPECT
				09. 83489		25	þ	50080905		PM	ELCPS	CLEAN AND INSPECT
				08.83490		25	P	20080602		PM	ELCPS	CLEAN AND INSPECT
				08. B3490		25	P	50080705		PM	ELCPS	CLEAN AND INSPECT .
				OB. 63491		25	P	50080905		PM	ELCPS	CHECK VARIOUS UNITS
				08, 83492		25	₽	20080602		PM	ELCPS	CLEAN AND INSPECT
				08. 83535		30	P	20080402	20080624	PM	PM	CHANGE DIL AND LUBE COUPLING
				08. 83534		25	P	20080402		PM	PM	INSPECT AND LUBRICATE
				08.83537		25	₽	50080705		PM	MP	INSPECT AND LUBRICATE.
				08.83538		25	P	20080602		ΡM	РM	INSPECT AND LUBRICATE.
				08.83539		25	P	20080602		ΡM	PM	INSPECT AND LUBRICATE.
				08. 83540		25	Ρ	20080402		PΜ	PM	INSPECT AND LUBRICATE.
				08.83541		25	P	20080602		ΡM	PM	INSPECT AND LUBRICATE
				08, 83542		25	P	20080602		PM	PΜ	INSPECT AND LUBRICATE
				08. 83543		25	P	20080602		PM	PM	INSPECT AND LUBRICATE.
				08, 83544		25	P	20080602		PΜ	ΡM	INSPECT AND LUBRICATE.
				08.83545		25	₽	20080602		₽M	PM	INSPECT AND LUBRICATE.
			•	08, 83546		25	₽	20080402		PM	MA	INSPECT AND LUBRICATE.
				OB. 83548		25	۴	50080905		PM	MS	INSPECT AND LUBRICATE.
				08 83549		25	P	20080602		FΜ	PM	INSPECT AND LUBRICATE.
				08.83550		30	F	50080905	50080953	PM	PM	OIL CHANGE
				08. 83551		30	P	50080905	50080953	PM	PM	DIL CHANGE
				08.83552		30	F	20080602	50080953	PM	PM	INSPECTION
				08, 83553		30	P	20080602	20080623	면데	PM	INSPECTION
				08.83554		30	P	20080602	20080423	PM	PM	INSPECTION
				08 83555		30	P	20080602	20090623	ΡM	ΡM	LUBRICATE
				08.83556		30	P	20080602	50080953	ΡM	PM	LUBRICATE
				08 83557		30	F	20080402	20080623	ΡM	PM	CHECK OPERATION AND LUBRICATE

Total N/O's for Location EASTER: COUNT 116

		00	Þ	20080401	20080402	₽M	INSPS	CLEAN/INSPECT/CALIBRATE
JF	08.82968	30						CLEAN/INSPECT/CALIBRATE
	08.82769	30	F	20080401	50080705	PΜ	INSPS	
	08.92970	30	₽	20080401	20080422	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	08. 82971	30	P	20080401	20080422	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	08. 82972	30	P	20080401	20080422	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	08. B2973	30	Ė	20080401	20080527	PM	INSPS	CLEAN/INSPECT/CALIBRATE
	08. 82774	30	P	20080401	20080527	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			Þ	20080401	20080422	PM	INSPS	INSPECTION
	08.82975	30	-					
	08.83020	30	P	20080401	20080418	PΜ	ELCPS	m / 1 m - 1
	08.83020	30	P	20080401	20080418	₽M	ELEC	INSPECT AND LUBRICATE
	08. 93021	30	P	20080401	20080418	₽M	ELCPS	CHECK VARIOUS UNITS
	08.83021	30	Ę.,	20080401	20080418	PM	ELEC	CHECK VARIOUS UNITS
			P	20090401	20080418	PM	ELCPS	CHECK VARIOUS UNITS
	08.83022	30						
	08.83022	30	₽	20080401	2008041B	ΡM	ELEC	GIIZZII IIII
		30	₽	20080401	20090418	PM	ELCPS	CHECK VARIOUS UNITS
	08.83023	30	1	20000101	20000	• • •		

Total Issued W/O's Locations: WOCOMPMSAL Apr. 01, '08 - June 30, '08 \*\*BRKLYN DUNDAL EASTER JF\*\* as of 06:41:20 PUMPING STATIONS - PM only \*\*LOCPD MCST QUAD WSTPT \*\* on 06/27/08

			PUMPING	SIAL	DIAS -	F13 C	311.29D.				
Co No	Cast Center	Cost Loc Id	Parent WO Number	₩O Suf	WO Sts	TYPE	WD Issue Date	WO Cmplt Date	Wrk Typ	Craft Code	Description
		Loc	Parent WD Number OB. 83023 OE. 83024 OB. 83025 OB. 83025 OB. 83025 OB. 83027 OB. 83177 OB. 83186 OB. 83270 OB. 83280	WO Suf	#0 5ts 30 30 30 30 30 30 30 30 30 30 30 30 30	T PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	WD Issue Date	Cmp1t Date  20080418 20080418 20080418 20080411 20080515 20080515 20080505 20080506 20080506 20080506 20080521 20080521 20080522			CHECK VARIOUS UNITS INSPECT AND LUBRICATE INSPECT AND LUBRICATE INSPECT AND CLEAN INSPECTION CLEAN AND LUBRICATE CHECK VARIOUS UNITS CHECK VARIOUS UNITS CHECK VARIOUS UNITS CLEAN AND LUBRICATE CLEAN AND LUBRICATE CLEAN AND LUBRICATE INSPECT AND LUBRICATE INSPECT AND LUBRICATE PUMP INSPECT AND LUBRICATE PUMP INSPECTION. LUBRICATION AND CHECKS CHANGE DIL CHANGE INSPECTION. INSPECTION INSPECTION INSPECT AND LUBRICATE CRANE INSPECT AND LUBRICATE CRANE INSPECT AND LUBRICATE CRANE INSPECTION
			08. 83286 08. 83432 08. 83454 08. 83454	3 2 1 5	30 30 25 25	Р Р Р	20080502 20080602 20080602 20080602			PM MCHPS INSPS INSPS INSPS	INSPECTION CLEAN/INSPECT/CALIBRATE CLEAN/INSPECT/CALIBRATE
			08. 8345 08. 8345 08. 8349 08. 8349 08. 8349 08. 8355 08. 8355	7 3 4 5 8 <del>7</del>	250 35 35 25 25 25 25 25	P P P P P	20080402 20080402 20080402 20080402 20080402 20080402	20080416 20080416	PM PM	INSPS ELCPS ELCPS ELCPS PM PM PM	INSPECT AND CLEAN

06/2	27/08 06:41	l : 20	Ann O	l Issue 1,'08 - STATIC	مبيل -	W/O' e 30, PM		ations: RKLYN DUN DCPO MCST	GUA	D WSTP	f ** on 06/2//08
	Cost Center	Cost Loc Id	Parent WO Number	WD Suf	WO Sts	TYPE	WO Issue Date	WO Cmplt Date		Craft Code	Short problem Description
	PUMPING ST		08. 83561 08. 83562 08. 83563 08. 83564 08. 83565 08. 83566		333333 333333 333333		20080602 20080602 20080602 20080602 20080602 20080602		PM PM PM PM PM PM PM	PM PM PM PM PM PM PM	LUBRICATE GEAR CASE (18 MONTHS)
		COUNT	W/O's for 70	Locati	ıσπ	JF:					
		LOCPO	08. 83001 08. 83002 08. 83004 08. 83004 08. 83008 08. 83081 08. 83082 06. 83083 08. 83246 08. 83386 08. 83386 08. 83387 08. 83399 08. 83391 08. 83391 08. 83395 08. 83486 08. 83486		30 30 30 30 30 30 30 30 30 30 30 30 30 3		20080502 20080502 20080502	20080411 20080428 20080428 20080408 20080408 20080408 20080612 20080612 20080615 20080515 20080515 20080515 20080515 20080515 20080515 20080515 20080515 20080515 20080515 20080515 20080515 20080515 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516 20080516	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ELCPS ELCPS ELCPS MCHPS MCHPS ELCCP PM PM PM PM PM PM PM PM PM P	CLEAN/INSPECT/CALIBRATE INSPECT AND CLEAN CHECK OPERATING CONDITIONS, BATTERY CHE CHECK OPERATING CONDITIONS, BATTERY CHE CHECK OPERATING CONDITIONS, BATTERY CHE INSPECTION INSPECTION INSPECTION CLEAN AND INSPECT CLEAN FILTER, INSPECT CLEAN FILTER, INSPECT MONTHLY INSPECTION OF GENERATOR AND ENG INSPECTION CHECK OPERATION TESTING AND LUBRICATION TESTING AND LUBRICATION TESTING AND LUBRICATION TESTING AND LUBRICATION TESTING AND LUBRICATE INSPECT AND LUBRICATE INSPECT AND LUBRICATE INSPECT AND LUBRICATE INSPECTION CLEAN/INSPECT/CALIBRATE INSPECT AND CLEAN INSPECT AND CLEAN INSPECT AND LUBRICATE
			08. 83527 08. 83528 08. 83529 08. 83530		30 30	P P P	50080905 50080905 50080905 50080905	20080610	PM PM	ELCPS ELCPS ELCPS ELCPS	INSPECT AND LUBRICATE CHECK OPERATING CONDITIONS. BATTERY CHE CHECK OPERATING CONDITIONS, BATTERY CHE CHECK OPERATING CONDITIONS, BATTERY CHE
		Total COUNT	W/O's for 31	· Locat	ion	ԼՕՇԲԸ	<b>)</b> :				
		MCST	08. 82995 08. 82996		30 30	P P	20080401 20080401		PM PM	INSPS INSPS	INSPECT AND CALIBRATE INSPECT AND CALIBRATE

INSPECT AND CALIBRATE

INSPECT AND CALIBRATE

CHECK OPERATING CONDITION, BATTERY

INSPECTION

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Total Issued W/O's Locations: WOCOMPMSAL Apr. Oi.'08 - June 30.'08 \*\*BRKLYN DUNDAL EASTER JF\*\* as of 06:41:20 PUMPING STATIONS - PM only \*\*LOCPO MCST QUAD WETPT \*\* on 06/27/08

				_ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
9 be	Cost Center	Cost Loc Id	Parent WO Number	WO WO Suf Sts	TYPE	WO Issue Date	WO Cmplt Date	₩rk Typ	Craft Code	Short problem Description
	PUMPING ST	GUAD	08. 83076	30	P	20080401	20080407	PM	MCHPS	INSPECTION
	10111 1110 01	uvne	08.83124	30	P	20080202	20080617	ΡM	INSPS	CLEAN/INSPECT/CALIBRATE
			08. 83125	30	.₽	20080502	20080617	PM	INSPS	CLEAN/INSPECT/CALIBRATE RECORDER
			08.83126	30	P	20080502	20080617	₽M	INSPS	CLEAN/INSPECT/CALIBRATE/GAS ALARM
			08. 83127	30	F	20080502	20080617	PΜ	INSPS	CLEAN/INSPECT/CALIBRATE
			08.83129	30	P	20090502	20080617	ΡM	INSPS	CLEAN/INSPECT/CALIBRATE
			08. 83129	25	P	20080502		PM	INSPS	INSPECT AND CALIBRATE
			08.83130	25	P	20080502		РM	INSPS	INSPECT AND CALIBRATE
			09. 83131	25	P	20080502		PM	INSPS	INSPECT AND CALIBRATE
			08 83132	25	₽	20080502		PΜ	INSPS	INSPECTION
			OB. B3204	30	P	50080205	20080515	ΡM	ELCPS	INSPECT AND LUBRICATE
			08.83205	30	P	20080502	20080515	PΜ	ELCPS	INSPECT AND LUBRICATE
			08. 83206	30	P	20080502	20080515	PM	ELCP5	CHECK OPERATING CONDITION, BATTERY
			QS. £3430	30	P	50080905	20080603	ΡM	$B \Gamma DG$	INSPECT/REPAIR/PLUMBING-ETC
			08. 83433	30	P	20080602	20060612	PM	MCHPS	INSPECTION
			08 83458	25	P	20080402		PM	INSPS	INSPECT AND CALIBRATE
			08. 83459	25	P	20080402		PM	INSPS	INSPECT AND CALIBRATE
			08. 83460	25	P	20080602		PM	INSPS	INSPECT AND CALIBRATE
			08. 83461	25	P	50080905		PM	INSPS	INSPECTION
		,	08 83496	25	P	20080602		PM	ELCPS	CHECK OPERATING CONDITION, BATTERY
			08 83497	25	<b>4</b>	20080602	0000000	PM	ELCPS	INSPECT AND LUBRICATE INSPECT, CLEAN FILTER, CHECK GIL
		•	08. 83568	30	P	50080805	20080619 20080619	PM PM	PM PM	INSPECTION
			08.83569 08.83570	30 30	P	20080602	20080619	₽M	FITE PM	INSPECTION
			08. 83570	30	P	20080602	20080617	PM	PM	LUBRICATE PUMP
			00.00271	20	•	SOPODOE	20000011	( 11	, ,,	
		Total COUNT	W/O's for 35	Location	:daub					
		WSTPT	08. 82938	OE	F	20080401	E0409	PM	PM	CHECK VARIOUS COMPONENTS
			08. 62939	30	F	20080401	20080403	PM	PM	CHECK VARIOUS COMPONENTS
			08.82940	OE	P	20080401	19480403	PM	면데	INSPECT AND LUBRICATE
			08. 82941	30	P	20080401	20080403	PM	PM	INSPECT AND LUBRICATE
			08. 82742	30	₽	20080401	20080403	PM	PM	INSPECT AND LUBRICATE
			08. 82943	30	P	20080401	20080403	PM	PM	CHECK VARIOUS UNITS
			08.82544	30	۶	20080401	20080403	ΡM	PM	CHECKS, LUBE BEARINGS
			08.82745	30	P	20080401	20080403	PM	PM	INSPECT NORMAL OPERATION
			08.82946	30	P	20080401	20080403	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
			08. 62947	30	P	20080401	20080403	PM	PM	CHECK NORMAL OPERATION AND VARIOUS UNIT
			08. 82748	30	P	20080401	20080403	PM	FM	INSPECT AND LUBRICATE
			08. 82749		P	20080401	20080403	PM	PM	INSPECT AND LUBRICATE
			08.82750	30	P	20080401	20080403	PM	PM	INSPECT AND LUBRICATE
			08.82974	25	P	20080401	0000000	PM	INSPS	INSPECTION
			08.83050	30	Р	20080401	20080422	PM	ELCPS	INSPECTION
			06.83080	30	Þ	20080401	20080408	PM	MCHPS INSPS	INSPECTION CLEAN/INSPECT/CALIBRATE
			08.83161	30 30	b,	20080502	20080512	PM PM	INSPS	CLEAN/INSPECT/CALIBRATE
			08. 83162 08. 83163	30	P	20080502	20080512	PM	INSPS	CLEAN/INSPECT/CALIBRATE
			vu. Galaa	.50	'	ECOGODOS	<b>こ</b> かいいつ 1.0	111	*14501 10	Service of the control of the service of the servic

^5/i	27/08 06:4	1:20	Tota Apr. O PUMPING	l Issu 1,'08 STATI	<ul> <li>June</li> </ul>	W/B's : 30, : MA	'08 **BF	ations: KLYN DUNE ICPO MCST	QUA:	D WSIPI	88 0H 00/E), 00
C ø	Cost Center	Cost Loc	Parent WO	WO Suf	WO Sts	TYPE	WO Issue Date	WO Cmplt Date	W⊤k Typ	Craft Code	Short problem Description
		Id	Number					00000517	₽M	INSPS	CLEAN/INSPECT/CALIBRATE
11	PUMPING ST	WSTPT	08.83164		30	P	20080502	20080513	PM	INSPS	INSPECT AND CALIBRATE
	1 2111 2112		08 83165		30	P	20080502	K0000714	PM	INSPS	INSPECTION
			08.83166		25	P E	20080502	20080514	PM	INSPS	INSPECTION
			08. B3167		30	P P	20080502	20080521	PM	ELCPS	CLEAN AND INSPECT -
			08.83229		30	P	20080502	20080519	PM	ELCPS	INSPECTION
			08. 83230		30	F	20080502	20080519	PM	ELCPS	INSPECT AND LUBRICATE
			08.83231		30	F	20080502	20080519	PM	ELCPS	INSPECT AND LUBRICATE
			08. 63232		30	P	20080502	20080515	PM	<b>ELCPS</b>	INSPECTION
			08 83233		30	, P	20080502	20080606	ΡM	ELCPS	INSPECT AND LUBRICATE
			08.83234		30	P	20080502	20080508	PΜ	PM	CHECK VARIOUS COMPONENTS CHECK VARIOUS COMPONENTS
			08.83364		30	P	20080502	20080508	₽M	PM	CHECK VARIOUS COMPONENTS
			08, 83365		30	P	20080502	20080508	ΡM	PM	INSPECT AND LUBRICATE
			08. 83366 08. 83367		30	P	20080502	50080208	PM	PM	INSPECT AND LUBRICATE
			08, 83368		30	P	50080205	20080508	PΜ	면	LUBRICATION
			08.83369		30	P	20080502	50080208	면데	PM	INSPECT AND LUBRICATE
			08.83370		30	P	20080502	20080508	PM	PM EM	INSPECT AND LUBRICATE
			08. 83370		30	P	20080502	20080508	PM	PM PM	CHECK VARIOUS UNITS
		,	08.83371		30	P	20080502	20080508	PM	PM	CHECKS, LUBE BEARINGS
		,	08 63372		30	P	20080502	20080506	PM MG	PM	CHECKS, LUBE BEARINGS
			08. 83372		30	P	20080502	20080508	PM PH	PM	THEODOT NORMAL DRERATION
			08. 63373		30	P	20080502	20080508	PM	PM	PORTOR MORMAL DEEDATION AND VARIOUS UNIT
			08, 83374		30	P	20080502	20080508	ΡM	PM	SUPER MEDIAL CIPERATION AND VARIOUS UNIT
			08, 83374		30	P	20080502	20060508 20080508	PM	PM	CHECK NORMAL OPERATION AND VARIOUS ONLY
			08.83375		30	P	20080502	50080208	PΜ	PM	IMSEECT AND LUBRICATE
			08. <b>B33</b> 7&		30	F	20080502	20080508	PM	PM	INSPECT AND LUBRICATE
			08 83377	•	30	Þ	20080502	20080505	ΡM	PM	INSPECT AND LUBRICATE
			08 83378		30	P	50080905	20080610	PΜ	MCHPS	INSPECTION
			08. 83436		30 30	P	20080605	20080610	PM	MICHPE	INSPECTION
			08.83437		30	P	20080602	20080610	PM	MCHPS	INSPECTION
			08.83438		25	į.	50080905		FH	INSPS	INSPECTION
			08. E3477		30	P	20080602	20080612	PΜ	ΡM	CHECK VARIOUS COMPONENTS
			08.83427		30	P	20080402	20080605		PM	CHECK VARIOUS COMPONENTS CHECK VARIOUS COMPONENTS
			08 83428		30	P	20080602	20080605	PM	PM	INSPECT AND LUBRICATE
			08. 83429 08. 83430		30		20080602	20080605	PΜ	PM	INSPECT AND LUBRICATE
			08. 83631		30	P	20080602			PM	LUBRICATION
			08. 83632		30	P	50080905	20080605		PM	INSPECT AND LUBRICATE
			08. 83633 08. 83633		30	P	20080602			PM PM	CHECK VARIOUS UNITS
			08. 83634		30		20080602			PM DM	CHECKS, LUBE BEARINGS
			08.83639		30		20080602			PM PM	THEREOF MODWAL OPERALIUM
			08. 83636		30		20080605			PM	CUECU NORMAL OPERATION AND VARIOUS ONLY
			08. 8343		30		20080602			PM	CHECK NORMAL OPERATION AND VARIOUS CALL
			08. 83638		30		20080605			PM	INSPECT AND LUBRICATE
			08.8363		30		20080602			MS	INSPECT AND LUBRICATE
			08.83640		30		20080402			PM	INSPECT AND LUBRICATE
			08. 83641		30	) P	50080905	20000000	1 4 4		
-											

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Total Issued W/O's Locations: WOCOMPMSAL Apr. Oi,'OB - June 30,'OB \*\*BRKLYN DUNDAL EASTER JF\*\* as of 06:41:20 PUMPING STATIONS - PM only \*\*LOCPO MCST GUAD WSTPT \*\* on 06/27/OB

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Cost No Center

Parent Cost WO Number Loc

MO MD TYPE Suf Sts

WD 1ssue Date

WO Wrk Craft Short problem Cmplt Typ Code Description Date

Id

Total W/O's for Location WSTPT: COUNT 66

Total W/O's for Cost Center PUMPING ST: COUNT 691

Totals for Company 11: COUNT 691

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Total Issued W/O's Locations: WOCOMPMSAL Apr. 01, '08 - June 30, '08 \*\*BRKLYN DUNDAL EASTER JF\*\* as of 06:41:20 PUMPING STATIONS - PM only \*\*LOCPO MCST QUAD WSTPT \*\* on 06/27/08

up Cost No Center Cost Parent WD Number Loc Ιď

WO TYPE WD WO Wrk Craft Short problem Cmplt Typ Code Description Date

Issue Date

FINAL TOTALS COUNT 691

\* \* \* END OF REPORT \* \* \*

### **APPENDIX 4**

# SUMMARY OF REPORTED OVERFLOWS

#### City of Baltimore Activity at Sanitary Sewer Overflow Structures For Calendar Quarter Ending June 30, 2008

	SSO No. 33	
<u>Date</u>	Surcharge Depth (in)**	Rainfall (in)
April, May, June	NC/No Activity	-
	SSO No. 34	
<u>Date</u>	Surcharge Depth (in)**	Rainfall (in)
April, May, June	NC/No Activity	-
	SSO No.67	
<u>Date</u>	Surcharge Depth (in)**	Rainfall (in)
04/21/08	NC/Flow Meter in place	0.47
04/28/08	NC/Flow Meter in place	1.14
5/09/08	NC/Flow Meter in place	2.09
5/11/08 – 5/12/08	NC/Flow Meter in place	3.57
5/16/08	NC/Flow Meter in place	0.69



## City of Baltimore Activity at Sanitary Sewer Overflow Structures For Calendar Quarter Ending June 30, 2008

	SSO No. 129	
<u>Date</u>	Surcharge Depth (in)**	Rainfall (in)
April, May, June	NC/No Activity	-

NC- Not Checked

<sup>\*\*</sup> Note- The surcharge depth is the maximum measured depth above the invert of overflow pipe. This depth measurement is checked when flow metering data is not available.

#### City of Baltimore Activity at Sanitary Sewer Overflow Structures For Calendar Quarter Ending June 30, 2008

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

#### None Reported

Was	Waste Water Treatment Plant Overflows							
		Volume Loss						
<u>WWTP</u>	<u>Date</u>	<u>(gal)</u>	Rainfall (in)					
Patapsco	5/28/08	450	-					

#### City of Baltimore Un-Permitted Sanitary Sewer Overflows For Calendar Quarter Ending March 31, 2008

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
4/9/2008	7920	Sewer mainline blocked due to grease and debris.	0.00	Gwynns Falls	5800 Wabash Ave.	21215
4/14/2008	2070	Sewer mainline blocked due to grease and rags.	0.00	Moores Run	4700 Hamilton Ave.	21206
4/14/2008	1590	Sewer mainline blocked due to rags.	0.00	Herring Run	4006 Loch Raven Blvd.	21218
4/15/2008	440	Sewer mainline blocked due to rags.	0.00	Moores Run	4700 Hamilton Ave.	21206
4/18/2008	1332	Sewer mainline blocked due to rags, roots, sand, gravel and rocks.	0.00	Jones Falls	2217 Cross Country Blvd	21209
4/23/2008	1595	Sewer mainline blocked due to roots and rags.	0.00	Jones Falls	400 Club Rd.	21210
4/25/2008	17100	Sewer mainline blocked due to roots, rags and grease.	0.00	Jones Falls	1 Edgevale Rd.	21210
4/27/2008	720	Sewer mainline blocked due to roots in house connection.	0.09	Gwynns Falls	717 Brinkwood Rd.	21229
4/29/2008	1200	Pipe break.	0.00	Jones Falls	3100 Falls Rd.	21211
4/29/2008	3018	Sewer mainline blocked due to rags and grease.	0.00	Jones Falls	4500 Roland Ave.	21210
4/29/2008	4500	Sewer mainline blocked due to roots, rags and grease.	0.00	Gwynns Falls	911 Desoto Rd.	21223
5/2/2008	6,000	Sewer mainline blocked due to trash from vandalism, rags and debris.	0.00	Gwynns Falls	2000 Washington Blvd.	21230



#### City of Baltimore Un-Permitted Sanitary Sewer Overflows For Calendar Quarter Ending March 31, 2008

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
5/4/2008	927	Sewer mainline blocked due grease, rags and trash.	0.00	Inner Harbor	1522 Aisquith St.	21213
5/6/2008	1,800	Sewer mainline blocked due to roots, gravel and rocks.	0.00	Jones Falls	4700 Falls Rd.	21209
5/7/2008	240	Sewer mainline blocked due to rags, grease and debris.	0.00	Jones Falls	3400 Park Heights Ave.	21215
5/7/2008	7,950	Sewer mainline blocked due to rags, grease and trash.	0.00	Gwynns Falls	55 N. Catherine St.	21223
5/12/2008	180	Sewer mainline blocked due to heavy rain and rags.	1.27	Gwynns Falls	3009 Wolcott Ave.	21216
5/12/2008	720,000	Sewer mainline surcharged due to heavy rain.	1.51	NW Branch of Patapsco River	1000 N. Durham St.	21205
5/12/2008	29,250	Sewer mainline surcharged due to heavy rain.	1.38	Jones Falls	401 E. Eager St.	21202
5/12/2008	25,200	Sewer mainline surcharged due to heavy rain.	1.25	Inner Harbor	1500 E. Baltimore St.	21231
5/12/2008	112,500	Sewer mainline surcharged due to heavy rain.	1.38	Jones Falls	2200 Falls Rd.	21211
5/12/2008	4,610	Sewer mainline surcharged due to heavy rain.	1.38	Jones Falls	516 W. Coldspring Ln.	21210
5/14/2008	6,300	Sewer mainline blocked due to rags and grease.	0.00	Gwynns Falls	1323 Woodington Rd.	21229
5/19/2008	1,350	Sewer mainline blocked due to rags and trash.	0.00	Jones Falls	3700 Greenspring	21211
5/19/2008	3,450	Sewer mainline blocked due to rags and grease.	0.00	Herring Run	4407 Bowleys Ln.	21206
5/20/2008	98,340	Sewer mainline pipe break.	0.54	Gwynns Falls	1212 Seminole Ave.	21229
5/21/2008	1,390	Sewer mainline blocked due to rags and grease.	0.00	Patapsco River	932 Seagull Ave.	21218
5/22/2008	3,000	Sewer mainline blocked due to sand, gravel and rocks.	0.00	Gwynns Falls	2001 Bryant Ave.	21217



#### City of Baltimore Un-Permitted Sanitary Sewer Overflows For Calendar Quarter Ending March 31, 2008

Date	Estimated Volume (Gal)	Cause	Rain	Receiving Waters	Location	Zip
5/29/2008	1,960	Sewer mainline blocked due to rags and grease.	0.00	Gwynns Falls	216 S. Woodington Rd.	21229
6/3/2008	3360	Sewer mainline blocked due to rags and grease.	-	Herring Run	5100 Lochraven Blvd	21239
6/23/2008	7500	Sewer mainline blocked due grease, rags and roots.	-	Gwynns Falls	300 N. Hilton St.	21229
6/25/2008	1800	Sewer mainline blocked due to roots and grease.	-	Gwynns Falls	2600 N. Longwood St.	21216
6/28/2008	603	Sewer mainline blocked due to sand, gravel and rocks.	-	Jones Falls	100 Edgevale Rd.	21210

N/A- Not Available (June Rain Gauge data not available a the time of this report. )



