Comprehensive Collection System Remedial Measures

Paragraph 36. As described in the Whereas Clauses in the Modified Consent Decree (MCD), the Board has met the requirements regarding the reporting schedule for the Collection System Evaluation Studies and Remedial Measures Action Plans in all nine basins.

Planning Activities

- The Board has met the requirements for Collection System Evaluation Studies in all nine basins, as indicated in Section XV, Paragraph 36, of the MCD.

Design Activities

- Re-packaging of final design documents for the Mid-City Basin into larger construction contracts is ongoing.
- Re-packaging of final design documents for the Lower Ninth Ward Basin into a larger construction contract is ongoing.
- Contract No. 3989, Ninth Ward Area Sewer Rehabilitation – Sewer Rehabilitation No. 8, was awarded to Fleming Construction Company, LLC on February 15, 2012. The contract was executed on March 1, 2012.
- Final design for Contract 3737 in the Carrollton Basin continued during the first quarter of 2012, and re-packaging of final design documents of remaining contracts into larger construction contracts is ongoing.
- Re-packaging of final design documents for the New Orleans East Basin into larger construction contracts is ongoing.
- A notice to proceed for final design activities in the South Shore Basin was issued on March 14, 2012.

Construction Activities

Paragraph 40. The End Construction milestone for the Mid-City Basin was originally December 31, 2006. Under the MCD, the End Construction milestone for the Mid-City Basin is either July 31, 2015 or two years following completion and acceptance by the Board of all pump station construction contracts in that basin, whichever is sooner.

- No construction activities in the Mid-City Basin during the first quarter of 2012.

Paragraph 40. The End Construction milestone for the Lower Ninth Ward Basin was originally December 31, 2007. Under the MCD, the End Construction milestone for the Lower Ninth Ward Basin is either March 31, 2013 or two years following completion and acceptance by the Board of all pump station construction contracts in that basin, whichever is sooner.

- Contract No. 3984, Ninth Ward Area Sewer Rehabilitation – Sewer Rehabilitation No. 3, achieved the 33% milestone completion of construction work ahead of schedule on January 13, 2012.

- Contract No. 3984, Ninth Ward Area Sewer Rehabilitation – Sewer Rehabilitation No. 3, achieved the 66% milestone completion of construction work ahead of schedule on March 28, 2012.

- Contract No. 3985, Ninth Ward Area Sewer Rehabilitation – Sewer Rehabilitation No. 4, achieved the 33% milestone completion of construction work ahead of schedule on February 3, 2012.

- During the first quarter of 2012, the Board's crews self-performed 342 point repair work orders, which include 282 line items identified in the Ninth Ward Basin RMAP. Through the first quarter of 2012, the Board's crews have self-performed a total of 703 point repair work orders; which include 561 line items identified in the Ninth Ward Basin RMAP.

Paragraph 40. The End Construction milestone for the Carrollton Basin was originally December 31, 2008. Under the MCD, the End Construction milestone for the Carrollton Basin is either January 31, 2015 or two years following completion and acceptance by the Board of all pump station construction contracts in that basin, whichever is sooner.

- No construction activities in the Carrollton Basin during the first quarter of 2012.

Paragraph 40. The Begin Construction milestone for the New Orleans East Basin was originally January 1, 2007. Under the MCD, the Begin Construction milestone for the New Orleans East Basin is April 1, 2009. The End Construction milestone for the New Orleans East Basin was originally December 31, 2009. Under the MCD, the End Construction milestone for the New Orleans East Basin is either October 31, 2013 or two years following completion and acceptance by the Board of all pump station construction contracts in that basin, whichever is sooner.

- No construction activities in the New Orleans East Basin during the first quarter of 2012.

Paragraph 40. The Begin Construction milestone for the South Shore Basin was originally January 1, 2008. Under the MCD, the Begin Construction milestone for the South Shore Basin is April 1, 2010. The End Construction milestone for the South Shore Basin was originally December 31, 2010. Under the MCD, the End Construction milestone for the South Shore Basin is either March 31, 2015 or three and one-half years following completion and acceptance by the Board of all pump station construction contracts in that basin, whichever is sooner.

- No construction activities in the South Shore Basin during the first quarter of 2012.

Cross Connections

Total Retained Cross Connections	**89**
· Retained Cross Connections inspected and secure	88
· Retained Cross Connections not secured or inspected	0
· Retained Cross Connection Permanently Sealed and Eliminated Prior quarter	1
Cross Connections Discovered	**0**
· Cross Connections discovered	0
· Cross Connections sealed	0
Cross Connections Opened	**0**

Progress of ESSA Repairs

Inspection Work Accomplished

- During the first quarter of 2012, the Board created an additional nine hundred and thirty-seven (937) new work orders for identified ESSA defects.

- Through the first quarter of 2012, the Board has identified one thousand seven hundred and ninety-one (1,791) ESSA defects as follows:

Lakeview Basin	399
Gentilly Basin	325
Uptown Basin	374
Ninth Ward Basin	533
Carrollton Basin	78
New Orleans East Basin	75
Southshore Basin	7
Total	**1,791**

- The Board has identified the types of defects above as follows:

Point Repair	1,223
Service Point Repair	155
Full Lining	413

Construction Work Accomplished

- Through the first quarter of 2012, the Board has completed repairs for 237 identified defects.

A complete list of the identified defects, including the status of repairs, can be found at Appendix C.

Pump Station Repair Status

Work Accomplished

- During the first quarter of 2012, no new pump stations became fully operational.

Private Property Sewer Events

- During the first quarter of 2012, the Board completed the following tasks relating to sewer events on private property:

Number of letters issued advising property owner of defect (requires owner to contract plumbing within 30 days of letter)	245
Numbers of letters issued after initial 30-day period (requires owner to call plumbing with 10 days of letter)	0
Number of accounts where work order was sent for water disconnection	0

Operation and Maintenance of the Fluidized Bed Incinerator

- The supplemental report on the operation and maintenance of the Fluidized Bed Incinerator (Appendix E, Sections 1 -5) addresses the items specific to the Modified Consent Decree, Paragraph 56 c:

  1. Periodic Inspection of Monitoring Devices
  2. Periodic Calibration of Monitoring Devices
  3. Inspection of the Wet Scrubber
  4. Verification of Operation in Accordance with the Approved O&M Plan
  5. Continuous Emissions Monitoring Equipment (CEM) On-line Reliability

  Thereby, verifying that the operation and maintenance of the Fluid Bed Incinerator (FBI) was in accordance with the FBI's O&M Plan.

- The FBI was off-line for the majority of the first quarter, 2012 due to catastrophic failure of the unit's heat exchanger. An attempt was made to incinerate by passing the heat exchanger for a period of time in February 2012. However, the cost of this bypass operation and the diminished incineration capacity made this a less viable option. A replacement heat exchanger has been procured and its delivery is expected in 18 weeks. In the interim, disposal of sludge materials is accomplished by trucking to a landfill.