

June 30, 2006

PREPARED FOR:

City of Rock Island
U.S. EPA
U.S. DOJ

PREPARED BY:

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**Quarterly Report – April 2006 – June 2006
City of Rock Island, Illinois
CSO Long Term Control Plan**

To satisfy Item No. 1 Appendix B of the consent decree entered into the United States District Court for the central district of Illinois in the matter of U.S. V. City of Rock Island, Illinois, et al., Civil Action No. 4:00-CF-04076

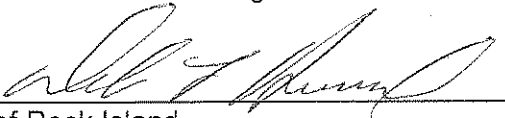
Symbiont
Project No. W041106.BG001

REPORT CERTIFICATION


**QUARTERLY REPORT
APRIL 2006 – JUNE 2006**

**LONG TERM CONTROL PLAN
CITY OF ROCK ISLAND
ROCK ISLAND, ILLINOIS**

I certify under penalty of law that the document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



City of Rock Island



Date

This Quarterly Report of the Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP) for the City of Rock Island, Illinois, is submitted to the U.S. Environmental Protection Agency (USEPA) and the U.S. Department of Justice (USDOJ) to satisfy item number 1 of Appendix B of the Consent Decree entered into the United States District Court for the Central District of Illinois in the matter of U.S. v. City of Rock Island, Illinois, et al., civil action No. 4:00-CV-04046. This report covers the period of April 2006 through June 2006. Tasks reference the project task number and applicable portions of the Consent Decree.

List of Acronyms

City	City of Rock Island
CSO	Combined Sewer Overflow
GIS	Geographical Information System
IDNR	Illinois Department of Natural Resources
IEPA	Illinois Environmental Protection Agency
IPCB	Illinois Pollution Control Board
LTCP	Long Term Control Plan
POTW	Publicly-Owned Treatment Works
QA/QC	Quality Assurance/Quality Control
SEP	Supplemental Environmental Project
TM	Technical Memorandum
USACE	United States Army Corps of Engineers
USCG	United States Coast Guard
USDOJ	United States Department of Justice
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
WWTP	Wastewater Treatment Plant

Task 002: Quality Assurance/Quality Control Program (Paragraph 3(i) of Appendix A and item 4 of Appendix B)

Work Completed

A final/approved Quality Assurance/Quality Control Plan was submitted on September 15, 2004. The Quality Assurance/Quality Control Plan has been implemented since its submittal and approval. The plan addresses how the data and information collected and developed as part of the LTCP are verified as accurate and consistent.

Work Scheduled for Next Quarter

Collected data and other project work subjected to QA/QC procedures will be verified as defined in the plan.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 003: Data Management System
(Paragraph 3(h) of Appendix A and item 2 of Appendix B)**

Work Completed

Since approval of the Data Management Plan and responses to USEPA comments, the Data Management System has been implemented.

Work Scheduled for Next Quarter

During the next quarter, data will continue to be collected and managed as described in the plan for the various project tasks.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 101: Field Inspection, Documentation and Map Preparation
(Paragraph 3(d) of Appendix A and item 9 of Appendix B)**

Work Completed

The Mill Street Wastewater Treatment Plant Collection System and Capacity Analysis Technical Memorandum was approved by USEPA on January 31, 2005.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

Task 102: Collection System Flow Monitoring

Work Completed

Temporary flow meters were installed on the stormwater interceptors entering the Mill Street WWTP. Permanent flow meters remain installed at the northside and southside interceptor diversion structures at the Mill Street WWTP, at CSO Outfall 005, and at the diversion structure for CSO Outfall 006.

Work Scheduled for Next Quarter

Flow monitoring will continue at the northside and southside interceptor diversion structures at the Mill Street WWTP and at CSO Outfalls 005 and 006.

Temporary flow monitoring will also continue on the stormwater interceptors entering the WWTP.

Schedule

During the next reporting period, permanent CSO flow monitoring and temporary stormwater flow monitoring will continue.

**Task 103: Hydraulic Model Development and System Analysis
(Paragraphs 4(a) and 4(b) of Appendix A and item 11 of Appendix B)**

Work Completed

USEPA approved the Hydraulic Model TM on September 14, 2005.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 104: Mill Street WWTP Description and Performance Evaluation
(Paragraph 3(c) of Appendix A and item 9 of Appendix B)**

Work Completed

Analysis of the Mill Street WWTP's maximum wet weather capacity was completed and included in the previously submitted collection system technical memorandum.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 201: Existing Water Quality Documentation
(Paragraph 3(e) of Appendix A and item 7 of Appendix B)**

Work Completed

No work was performed on this task during the reporting period.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

Task 202: Water Quality Monitoring

Work Completed

An addendum to the existing water quality data was submitted on February 16, 2006 as an appendix to the Post Construction Monitoring Program Description. Responses to USEPA comments on the addendum were submitted on May 26, 2006.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 203: Water Quality Modeling Work Plan
(Paragraphs 4(c) and 4(d) of Appendix A and item 5 of Appendix B)**

Work Completed

USEPA comments dated August 18, 2004, on the Water Quality Modeling Work Plan were received indicating that further review of the work plan is rendered moot due to the City's decision to proceed with the presumption approach for compliance.

Work Scheduled for Next Quarter

As previously indicated, the City has decided to use the presumption approach for compliance, and therefore, no comprehensive, calibrated in-stream water quality modeling will be performed.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 204: Water Quality Plume Dispersion Modeling
(Paragraphs 4(c) and 4(d) of Appendix A and item 10 of Appendix B)**

Work Completed

Plume dispersion modeling for the proposed Outfall 007 location was completed during this reporting period. The results of the modeling were submitted in the Detailed Alternative Analysis and Recommended Control Plan submitted on April 6, 2006.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 205: Comprehensive Mississippi and Rock River Modeling
(Paragraph 4(d) of Appendix A)**

Work Completed

No work was performed on this task during the reporting period.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period. This task will not be executed due to the use of the presumption approach for compliance.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 300: Public Participation
(Paragraphs 11 and 12 of Appendix A and item 15 of Appendix B)**

Work Completed

On April 3, 2006, the Rock Island City Council approved submittal of the CSO LTCP to USEPA. Numerous presentations have also been given to local civic groups to present the results of the LTCP. Discussion of the public participation program is included as Section 3 in the Final CSO LTCP submitted on June 30, 2006.

Work Scheduled for Next Quarter

City staff will continue to make presentations to local groups as needed regarding the LTCP results.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 400: Sensitive Areas
(Paragraph 3(a) of Appendix A and item 6 of Appendix B)**

Work Completed

No work was performed on this task during the reporting period.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 500: Alternative Identification and Evaluation
(Paragraphs 5(c), 5(d), and 6 of Appendix A and items 13 and 14 of Appendix B)**

Work Completed

The Detailed Alternative Analysis and Recommended Control Plan was submitted on April 6, 2006. Also during this reporting period, the completed CSO LTCP was submitted to USEPA on June 30, 2006. This submittal included documentation on public participation in the planning process and comments received on the LTCP results. The Consent Decree called for this information to be submitted by June 30, 2006.

A Detailed Action Report for natural resources review for the proposed Outfall 007 location was submitted to IDNR on May 30, 2006.

USEPA comments dated June 26, 2007, on the Preliminary Screening Summary of Control Technologies and Alternatives were received and reviewed.

Work Scheduled for Next Quarter

During the next reporting period consultation with IDNR will continue regarding the proposed Outfall 007 location. Comments by USEPA on the previously

submitted Preliminary Screening Summary will be addressed along with any comments on outstanding issues from USEPA with the Detailed Alternative Analysis or completed CSO LTCP.

Schedule

The proposed implementation schedule in the submitted CSO LTCP includes beginning design in September 2006 for the first set of projects identified in the plan. Construction for these projects is scheduled to begin in June 2010. This schedule is dependent upon timely approval of the final LTCP by USEPA.

Task 600: Cost Performance for Alternatives (Paragraph 5(e) of Appendix A)

Work Completed

Drafting of the cost performance analysis results was completed during this reporting period and included in the completed LTCP as Section 5.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

Task 700: Operational Plan (Paragraph 10 of Appendix A)

Work Completed

Drafting of the operational plan for the recommended alternatives was completed during this reporting period and included in the final LTCP as Section 6.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 800: Maximization of Treatment of the POTW
(Paragraph 3(c) of Appendix A)**

Work Completed

Analysis of maximizing treatment at the POTW for the recommended plan was completed during this next reporting period and included in the final LTCP as Section 7.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 900: Implementation Schedule
(Paragraphs 6 and 7 of Appendix A and item 16 of Appendix B)**

Work Completed

Implementation schedule development was completed during this reporting period and included in the final LTCP as Section 8.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

**Task 1000: Post Construction Monitoring Program
(Paragraphs 9 of Appendix A and item 12 of Appendix B)**

Work Completed

Responses to USEPA comments dated April 20, 2006 to the Post Construction Monitoring Program and Appendix were submitted on May 26, 2006.

Work Scheduled for Next Quarter

No work is scheduled for this task during the next reporting period.

Schedule

Currently, no delays in schedule are anticipated for this task.

Summary of Agency Contacts

The following is a list of agencies and individuals contacted along with a brief description of the communication.

April 20, 2006

- Kevin Chow, USEPA Region 5, a letter to Roy Harsch of Gardner Carton and Douglas, with USEPA comments on the previously submitted Post Construction Monitoring Program Description and Appendix.

June 2, 2006

- Roy Harsch, Gardner Carton and Douglas, a memo to Toby Frevert, IEPA, summarizing the first flush and wet weather flow issues at the Franciscan and Saukie storage/treatment basins.

June 8, 2006

- A copy of the mussel survey report completed as part of the planning process was sent to Michael Branhan of IDNR.

June 9, 2006

- A phone conversation between Brandon Koltz, Symbiont, and Michael Branhan, IDNR, regarding the submitted Detailed Action Report. IDNR requested additional mussel information confirming mussel species are not found at the specific location proposed for Outfall 007 relocation. The previous survey only indicated what species were present.

June 9, 2006

- Toby Frevert, IEPA, a memo to Roy Harsch, Gardner Carton and Douglas, summarizing additional IEPA issues regarding first flush and wet weather flows on the southside of the city.

June 13, 2006

- Brian Till, Symbiont, provided additional information to James Kammuller, IEPA, regarding first flush determination and wet weather flow capacity for the southside of the city.

June 26, 2006

- Kevin Chow, USEPA Region 5, a letter to Roy Harsch of Gardner Carton and Douglas, with USEPA comments on the previously submitted Preliminary Screening Summary of Control Technologies.

Summary

- Expected agency correspondence:
 - Review comments on the Detailed Alternative Analysis and Recommended Control Plan submittal
 - Review comments on the Final CSO LTCP submittal
- Submittals due next quarter:
 - None