

ONONDAGA LAKE IMPROVEMENT PROJECT

**ONONDAGA COUNTY DEPARTMENT OF WATER ENVIRONMENT
PROTECTION**

MONTHLY REPORT

Covering the Month of June 2010

Submitted July 10, 2010

Project Progress for the Month of June

A. Highlights of the month:

- **Harbor Brook Interceptor Sewer Replacement Project.** Project will receive ARRA stimulus monies. The construction contract is with J.J. Lane. The construction cost is \$12,217,888. Notice to Proceed was issued on November 25, 2009. Construction is underway and is scheduled to be completed this year.
- ACJ required projects are proceeding with evaluations, reports, final designs and construction.
- “Save the Rain” Campaign Public Education and Outreach is continuing with media announcements in Weeder’s Digest, The Post Standard and YNN. Outreach and education activities include participation in the Jazzfest and Taste of Syracuse.
- During the month of June, presentations on the County’s Green Infrastructure program were given at:
 - Center of Excellence
 - Henniger High School (Rain Garden Dedication)
 - Dr. King Middle School Career Fair
 - Oswego County Legislature
- The pilot rain barrel program on the south and west sides of the City of Syracuse is ongoing. Seventy (70) rain barrels have been distributed to residents to capture stormwater on their properties. The program received a grant from EFC.
- The County continues close collaboration with the City of Syracuse on the development of a “green” parking lot program. The first scheduled, Lot #23, formerly the Downtown Farmer’s Market is complete.
- The **skimmer boat operation** began the first week of April 2010. Waste Resources, Inc. collected and removed debris once a week during the months of April and May. Beginning in June, they began operating twice a week.

B. Progress of Projects Under Construction

Harbor Brook Interceptor Replacement

The State allocated \$20 million for interceptor sewer replacement and culvert work

- Construction is proceeding. As of June, 4113 feet of interceptor pipe has been installed and 3569 feet of sanitary sewer and storm sewer pipe has been installed. The project is scheduled to be substantially complete in 2010 with final restoration in Spring 2011.

C. Projects in Design Stage

Midland Phase III (CSO)

- A contract agreement with CH2M Hill was signed for engineering services to proceed with the facilities planning for CSO 052 (Hunt and Elmhurst) and CSOs 060/077 (West Colvin) in the Midland area. A kick off meeting for the facilities plan was held on June 10. Design is 99 percent complete for a smaller conveyance pipe to connect CSO 044 (South Ave. and West Castle) to the Midland RTF. Construction of CSO 044 conveyance will commence this summer.

Clinton CSO Abatement

- Final design is in progress for a large storage facility in the Trolley Lot. A contract agreement for engineering services to proceed with the facilities plan was signed with CH2M Hill for CSOs 027 (West Fayette) and 029 (Walton). A kick off meeting for the facilities plan was held on June 10.
- CSO's 022 (West Genesee) sewer separation project design will be finalized.

The goal of the Clinton project is to address the abatement of 11 CSOs between Fayette and Oneida streets, located near downtown Syracuse.

Harbor Brook CSO Abatement

Preliminary Design is in progress for a large storage facility in the Harbor Brook Sewershed near State Fair Blvd.

D. Other Activities

- Work on RFP's, Proposal reviews and Amendments for design and facilities planning.

E. Completed Projects

Projects completed since July 2002 not included in Interim Projects

- Ammonia/Phosphorus Removal Combined Project (Metro)
- West St. Sewer Separation (CSO 057, 058 and 059)
- Water St. Sewer Separation (CSO 024)
- Brighton Sewer Separation Project (CSO 053 and 054)
- Tallman/Onondaga Sewer Separation Project (CSO 038, 040, 046A and 046B)
- South Ave./Bissell St. Sewer Separation (CSO 047 and 048)
- Parkway/Rockland Ave Sewer Separation (CSO 050)
- South Ave./Colvin St. Sewer Separation (CSO 051)

F. Major Milestones Met for CSO Interim Projects

The following is a summary of the projects completed under Appendix B page 10–12 of the Amended Consent Judgment. Each of these ten CSO-related projects had a major milestone completion date of July 1, 2002. Some of these “interim” projects were completed well ahead of the major milestone date, and all except two met the original major milestone date.

The projects are chronologically listed below by date completed:

Project	Completion Date
Evaluation of Siphon Crossings	May 1999
Hiawatha Regional Treatment and Storage Facility	July 2001
Newell Regional Treatment Facility Disinfection Tested and Report filed.	July 2001
Teall Brook Floatables Control Facility	December 2001
Evaluation of CSO Toxicity	May 2002
Erie Boulevard Storage System Upgrade	June 2002
Onondaga Creek Floatables Control Facility Skimmer boat in operation beginning summer '02.	June 2002
Harbor Brook Floatables Control Facility	July 2002
Harbor Brook CSO Abatement	Milestone revision to January 1, 2012, under ACJ amendment signed December 14, 2006.
Kirkpatrick St. Pump Station Upgrade and Force Main	November 1, 2002

Major Milestones Met for Metro Interim Projects

Under Appendix A of the ACJ, certain improvement projects at Metro were designated as interim projects and given a major milestone date for completion of July 1, 2002. All six projects were completed by the milestone date and most were well ahead of schedule. The projects are listed below by date completed:

Project	Date Completed
Phase II Plant Improvements	January 1999
Aeration System Upgrade	January 2000
Odor Control and Residual Handling	December 2000
Digester Modifications –Phase III Improvements	December 2000

Chemical Storage	April 2001
Digital System Improvements	December 2001

G. Ambient Monitoring Program

- **Summary of Sampling Program**

Tributary sampling conducted this month included:

- Biweekly tributary sampling on June 22.
- Quarterly tributary sampling on June 8.
- Bacteria tributary sampling on June 1, 14, and 28.

Lake sampling conducted this month included:

- Special weekly sampling on June 7 and 24.
- Biweekly South Deep sampling on June 2 and 29 (with special weekly)
- Double Lake – South and North Deep on June 15.

Biological Monitoring:

- Completed Spring Electrofishing event June 6 thru June 10.
- Performed Pelagic Larval sampling events on June 3, 17 and 30.
- Performed Adult Fish Profundal Zone Gill Netting event on June 14 and 16.
- Completed fish collections for Hg analysis in support of NYSDEC.
- Completed Fish Community Nesting Survey on June 23.
- Performed Littoral Zone Juvenile Seine Sampling on June 18 and 15.
- Completed Lake Macroinvertebrate Sampling on June 21.

H. Contracts

New Contracts

- **CSO Facilities Plan**
- Contract with CH2M Hill to develop CSO Facilities Plans for CSOs in the Midland Ave & Clinton Street service areas.
- Contract Amount: \$207,328. Executed: 6/30/10.

Amendments to Existing Contracts

- None to report.

Change Orders

- None to report.

I. Legislative Action

Action items of the County Legislature in the month of June

- Resolution Calling a Public Hearing in Connection with the Proposed Increased Cost of Sewer Separation Improvements (CSO 022).

Upcoming for July Legislative Session:

- Resolution Approving the Increased Costs of Certain Improvements for the Onondaga County Sanitary District (CSO 022).
- Resolution Authorizing the Issuance of an Additional \$5,000,000 Bonds of the County of Onondaga to Pay the Increased Costs of Certain Improvements for the Onondaga County Sanitary District (CSO 022).

Upcoming for July Committee:

- Resolution Appropriating \$8,383,140 of the Proceeds of Bonds Authorized to be Issued Pursuant to Bond Resolution No. 231, dated 9/7/99 to Provide Funds for Engineering, Construction & Other Related Expenses of the Clinton Street Conveyances & RTF Project.
- Resolution Authorizing the County of Onondaga to Enter Into an Agreement with the City of Syracuse to Share in the Funding and Development and/or Use of a Stormwater Run-Off Model (\$80,000).
- Authorizing the County Executive to Enter into an Agreement with the City of Syracuse to Share in the Costs of Funding an Arborist to be Employed by the City (\$37,500).
- Authorizing the County of Onondaga to Enter into Amendment No. 2 to the 2007 IMA as Amended with the City of Syracuse to Revise the Easements Granted by the City to the County for the Harbor Brook Interceptor System Improvement Project.
- Authorizing the County of Onondaga to Enter into an Agreement with the City of Syracuse to Provide a Grant for Funding of Green Infrastructure for the Connective Corridor and Forman Park Improvement Projects (\$168,000).

J. Funding

Grants

State Bond Act Funds

- None to report

Total payments received to date in State Bond Act funds - \$124,900,000

Federal EPA Funds

- None to report.

Total received to date in Federal EPA Funds - \$83,074,381.

Federal Army Corps of Engineers Funds

- **Reimbursements requested in June:**
 - No requests.
- **Reimbursements received in June:**
 - None received.

Total received to date from US Army Corps of Engineers Funds- \$14,506,177.

LOANS

- **Reimbursement requests to EFC in June:**
 - \$2,214,459.30 requested on June 4 in advance of loan closing.
- **The following reimbursement payments were received from EFC during the month of June:**
 - None received.

Total reimbursement monies received to date through EFC Loans for the funded ACJ projects: \$169,677,693 (short term), and \$37,085,813 (long term).

APPENDIX

Chronology of Project Construction Starts

	<u>Status</u>	<u>Location</u>
<u>Pre-ACJ signing (1/20/98)</u>		
• General Improvements	Complete	Metro
• Odor Control and Residuals Handling	Complete	Metro
 <u>1998</u>		
• Digital Systems Upgrade	Complete	Metro
• Ammonia Removal Demonstration	Complete	Metro
• Aeration System Upgrade	Complete	Metro
• Hiawatha RTF - ACOE	Complete	Regional Market
• Newell St. RTF Demo/Improvements	Complete	W.Newell/Vale St.
• Maltbie St. FCF	Complete	Maltbie/Plum St.
• Siphon Rehab	Complete	Various
 <u>1999</u>		
• Digester Modifications/Chemical Storage	Complete	Metro
• Franklin St. FCF	Complete	I-690/Franklin
• West Street Sewer Separation	Complete	W. Genesee, Plum, Tracy, N. West St.
• Ammonia Trackdown	Complete	Metro
 <u>2000</u>		
• Midland Ave. Conveyance Phase I	Complete	Tallman/Oxford St.
• Phosphorus Removal – Phase I Pilot	Complete	Metro
 <u>2001</u>		
• Erie Blvd. Storage System Upgrade	Complete	Franklin toTeall
• Full Scale Ammonia Removal/ Stage II Phosphorus Removal	Complete	Metro
• Kirkpatrick St. Pump Station & Force Main	Complete	Kirkpatrick St.
• Onondaga Creek FCF	Complete	Inner Harbor
• Teall Brook FCF	Complete	Teall Ave.
• Water Street Sewer Separation (CSO 024)	Complete	Water Street
 <u>2002</u>		
• Harbor Brook FCF	Complete	W.Hiaw./I-690
• Brighton Ave Sewer Separation (CSO 053/054)	Complete	Brighton/Bishop Ave

<u>Project</u>	<u>Status</u>	<u>Location</u>
<u>2004</u>		
• Tallman/Onondaga Sewer Separation (CSO 038, 040, 046A & 046B)	Complete	Tallman/Onondaga
• Midland Phase II RTF/Conveyances	Complete	Blaine/Oxford St.
<u>2005</u>		
• Phosphorus Removal – Phase II Pilot	Complete	Metro
• Biosolids Handling Improvements	Complete	Metro
<u>2006</u>		
• Sewer Separation – CSO 047 & 048	Complete	South Ave/ Bissell St.
<u>2007</u>		
• Sewer Separation – CSO 050	Complete	Parkway/Rockland
• Clinton Phase I Conveyances	Complete	
<u>2008</u>		
• Clinton Phase IIA Conveyances	Complete	
<u>2009</u>		
• Sewer Separation – CSO 051	Complete	Colvin St.
<u>2010</u>		
• Harbor Brook Interceptor Sewer	Authorized/Underway	Velasko/Fayette

**CONTRACTORS for
CONSTRUCTION PROJECTS
Metro Treatment Plant**

AERATION SYSTEM UPGRADE

Bongiovanni Construction (General)	\$5,626,956.41
Ridley Electric (Electrical)	\$ 846,154.00

DIGITAL SYSTEM UPGRADE

Systems Integrated	\$2,974,514.27
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ODOR CONTROL CONTRACT # 1

Falconet, Inc. (General)	\$4,872,660.53
Scriba Electric (Electrical)	\$ 315,580.30
Burns Bros. (Heating/Ventilation)	\$ 82,459.00
Burns Bros. (Plumbing)	\$ 50,168.00

ODOR CONTROL CONTRACT # 2

Murnane Construction	\$1,636,000.00
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PHASE III IMPROVEMENTS CONTRACT 1 – DIGESTER & LAGOON IMPROVEMENTS

Maxim Construction	\$ 645,730.74
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PHASE III IMPROVEMENTS CONTRACT 2 – CHEMICAL STORAGE & FEED FACILITIES

C.O.Falter Construction Corp. (General)	\$2,528,952.08
Barry & Barry Electrical Co. (Electrical)	\$ 193,665.22
Burns Bros. (HVAC)	\$ 224,232.51
Edward Joy Company (Plumbing)	\$ 38,669.37

PHASE III IMPROVEMENTS CONTRACT 3 – DIGESTER & LAGOON CLEANING

Waste Stream Environmental Inc.	\$ 727,881.80
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FULL SCALE AMMONIA/PHOSPHORUS REMOVAL - FIELD OFFICE

James & Son Construction	\$ 28,388.00
Resun Leasing, Inc.	\$ 112,224.00
Ridley Electric Co.	\$ 32,295.00
Burns Brothers	\$ 18,440.00

FULL SCALE AMMONIA/PHOSPHORUS REMOVAL

U.S. Filter – Kruger Products, Inc.	\$ 8,271,182.00
U.S. Filter – Kruger Products, Inc.	\$ 3,918,080.00

**CONTRACTORS for
CONSTRUCTION PROJECTS
Metro Treatment Plant**

FULL SCALE AMMONIA/PHOSPHORUS REMOVAL

SITE PREPARATION - CONTRACT 2

C.O. Falter Construction Corp. (General)	\$22,243,695.00
Ridley Electric (Electrical)	\$ 255,627.00
C.O. Falter Construction Corp. (Pile Testing)	\$ 431,008.00
Moretrench Environmental	\$ 4,602,086.57

PILE INSTALLATION – CONTRACT 3

M.A. Bongiovanni Construction	\$ 9,045,731.95
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GENERAL - CONTRACT 4

The Pike Company (General)	\$46,860,263.46
Ridley Electric Co. (Electrical)	\$ 6,927,238.00
Edward Joy Company (HVAC)	\$ 3,009,057.61
Burns Brothers (Plumbing/Fire Protection)	\$ 1,217,583.74

BIOSOLIDS HANDLING IMPROVEMENTS

C.O. Falter Construction Corp. (General)	\$10,797,155.85
Ridley Electric (Electrical)	\$1,476,223.00
Airside Technology (HVAC)	\$ 497,066.00
Burns Bros. (Plumbing)	\$ 173,679.09

CSOs

CLINTON CONVEYANCES PHASE I

The Delaney Group, Inc.	\$14,478,053.39
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CLINTON CONVEYANCES PHASE 2A

The Delaney Group, Inc.	\$ 4,139,105.10
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ERIE BOULEVARD STORAGE SYSTEM

M. Hubbard Construction	\$1,556,752.00
Ridley Electric (Electrical)	\$ 154,059.47

FRANKLIN STREET FCF

Maxim Construction (General)	\$3,568,029.43
Burns Bros. (Mechanical)	\$ 174,350.00
Scriba Electric (Electrical)	\$ 144,640.61
Burns Bros. (Plumbing)	\$ 33,217.97

**CONTRACTORS for
CONSTRUCTION PROJECTS
CSOs**

HARBOR BROOK CSO ABATEMENT

Titan Wrecking & Environmental, LLC	\$ 227,850.00
(Demolition)	
Joseph J. Lane Construction	\$12,217,888.00
(Interceptor Sewer Replacement)	

HARBOR BROOK FCF

C.O. Falter Construction Corp. (General)	\$ 373,370.21
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KIRKPATRICK ST. PUMP STATION & FORCE MAIN

C.O. Falter Construction Corp.	\$ 4,477,820.47
C.O. Falter Construction Corp.	\$ 4,425,766.31
Patricia Electric	\$ 761,184.63
King & King Mechanical	\$ 245,569.51
G.J. Adams Plumbing	\$ 51,624.16

MALTBIE STREET FCF

Over & Under Piping	\$ 152,418.00
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MIDLAND AVENUE CONVEYANCES

Marcellus Construction (General)	\$2,060,719.09
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MIDLAND AVENUE PHASE II CONVEYANCES & RTF

Empire Dismantlement Corp. (Demolition)	\$ 461,169.00
Murnane Building Contractors, Inc. (General)	\$47,929,393.00
Ridley Electric Company (Electrical)	\$ 2,984,611.00
Edward Joy Company (HVAC)	\$ 2,053,808.50
Edward Joy Company (Plumbing)	\$ 484,717.17

MIDLAND AVENUE PHASE III CONVEYANCES

Titan Wrecking & Environmental, LLC (Demolition)	\$ 256,450.00
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SEWER SEPARATION – CSO 024

C.O. Falter Construction Corp.	\$ 701,799.00
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SEWER SEPARATION – CSO 053/054

C.O. Falter Construction Corp.	\$ 2,211,604.54
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SEWER SEPARATION – CSO 038, 040, 046A&B

C.O. Falter Construction Corp.	\$ 3,598,930.76
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**CONTRACTORS for
CONSTRUCTION PROJECTS
CSOs**

<u>SEWER SEPARATION – CSO 047 & 048</u> C.O. Falter Construction Corp.	\$ 1,654,022.34
<u>SEWER SEPARATION – CSO 050</u> Joseph J. Lane Construction	\$ 4,474,888.00
<u>SEWER SEPARATION – CSO 051</u> Joseph J. Lane Construction	\$ 4,217,888.00
<u>SIPHON REHABILITATION</u> Insituform Metropolitan	\$1,025,551.00
<u>TEALL BROOK FCF</u> C.O. Falter Construction Corp. (General) Scriba Electric (Electrical)	\$ 877,095.43 \$ 26,470.20
<u>WEST STREET AREA SEWER SEPARATION</u> Maxim Construction (General)	\$2,467,488.50

June 2010

FINANCIAL TRACKING SUMMARY: FEDERAL & STATE GRANTS/LOANS APPROVED & RECEIVED											
		NYS	NYS	FED EPA	FED EPA	SHORT-TERM	SHORT-TERM	LONG-TERM	LONG-TERM	ACE	ACE
	PROJECT	GRANT	GRANT	GRANT	GRANT	EFC LOAN	EFC LOAN	EFC LOAN	EFC LOAN	GRANT	GRANT
PROJECT NAME	BUDGET	APPROVED	RECEIVED	APPROVED	RECEIVED	APPROVED	RECEIVED	APPROVED	RECEIVED	APPROVED	RECEIVED
METRO - CURRENT											
AERATION SYSTEM UPGRADE	\$8,500,000	\$5,834,381	\$5,834,381			\$7,365,000	\$6,868,954	\$1,049,185	\$14,613		
AMMONIA REMOVAL DEMO	\$2,000,000	\$1,145,109	\$1,145,109			Full-Scale	\$202,078				
BIOSOLIDS-MECHANICAL THICKENERS(c)											
DIGESTER MOD/CHEMICAL STORAGE	\$5,600,000	\$4,319,819	\$4,319,819			\$4,938,419	\$4,938,419	\$775,509	\$154,126		
DIGITAL SYSTEM IMPROVEMENTS	\$2,900,000	\$1,563,317	\$1,563,317			\$1,849,000	\$1,849,000	\$285,682	\$3,833		
MISCELLANEOUS IMPROVEMENTS	\$1,400,000										
ODOR CONTROL	\$7,700,000							\$7,413,199	\$7,389,197		
AMMONIA REMOVAL FULL SCALE/ STAGE II PHOSPHORUS REMOVAL	\$190,000,000	\$47,331,203	\$47,331,203	\$54,705,015	\$54,705,015	\$108,000,000	\$105,860,930	\$17,200,000	\$989,323		
PHOSPHORUS REMOVAL PILOT	\$5,000,000					Full Scale	\$1,936,991				
CSO - CURRENT											
CLINTON ST CONVEYANCE & RTF	\$31,245,000	\$20,000,000	\$20,000,000			\$37,788,890	\$8,531,101				
ERIE BLVD SEW SEP STORAGE	\$3,000,000	\$1,700,000	\$1,700,000			\$2,301,876	\$2,094,314	\$923,162	\$216,543		
FRANKLIN ST FCF	\$3,200,000	\$3,828,053	\$3,828,053			\$4,726,762	\$4,589,759	\$1,179,012	\$296,823		
HARBOR BROOK FCF	\$250,000	\$384,200	\$384,200					\$343,500	\$348,596		
HARBOR BROOK CSO ABATEMENT	\$5,444,000					\$20,000,000	\$2,077,394				
HIAWATHA INTERCEPTOR/RTF ^(a)	\$8,000,000							\$2,710,169	\$37,749	\$3,406,000	\$3,406,000
KIRKPATRICK ST PUMP STATION	\$5,642,000	\$7,502,302	\$7,502,302			\$12,000,000	\$10,940,632	\$4,246,376	\$828,115		
MALTBIE ST FCF	\$250,000	\$211,097	\$211,097			\$212,000	\$188,106				
MIDLAND AVE CONVEYANCE	\$3,000,000	\$26,055,238	\$26,055,238	\$48,904,185	\$28,369,366						
MIDLAND AVE PHASE II & RTF	\$45,000,000					\$15,000,000	\$15,000,000	\$25,155,568	\$8,456,884		
MIDLAND AVE PHASE III	\$27,000,000					\$10,000,000					
MIDLAND AVE MITIGATION COSTS											
NEWELL ST FCF ^(b)	\$1,310,000	\$367,737	\$367,737								
ONONDAGA CREEK FCF	\$3,000,000	\$442,154	\$442,154								
SEWER SEPARATION ^(a)	\$7,704,000							\$4,278,406	\$3,778,206	\$13,087,849	\$11,100,177
SIPHON REHABILITATION	\$1,230,000	\$870,768	\$870,768			\$1,435,500	\$1,024,433	\$140,623	\$1,958		
TEALL BROOK FCF	\$175,000	\$1,045,162	\$1,045,162			\$1,236,594	\$1,094,139	\$188,809	\$5,743		
WEST ST SEWER SEPARATION	\$1,000,000	\$2,299,460	\$2,299,460			\$3,059,716	\$2,481,443	\$395,540	\$6,621		
OTHER											
AMBIENT WATER MONITORING	\$8,000,000										
OXYGENATION DEMO	\$2,400,000										
SEQR REGULATORY	\$50,000										
TOTAL DOLLARS	*\$380,000,000	\$124,900,000	\$124,900,000	\$103,609,200	\$83,074,381	\$229,913,757	\$169,677,693	\$80,961,162	\$37,085,813	\$16,493,849	\$14,506,177
*Original budget figures were based on 1997 dollars											
(a) NOTE: PROJECT IS US ARMY CORPS OF ENGINEERS PROJECT											
(b) NOTE: PROJECT RECEIVED \$40,500 COST SHARE GRANT FROM (NYSERDA)											
(c) NOTE: PROJECT RECEIVED \$87,500 COST SHARE GRANT FROM (NYSERDA)											

June 2010

FINANCIAL TRACKING SUMMARY:					
FEDERAL & STATE GRANTS/LOANS APPLIED FOR, NOT YET APPROVED					
PROJECT NAME	ORIGINAL BUDGET	EFC SHORT TERM	EFC LONG TERM	E.P.A.	NYS FUNDING
METRO - CURRENT					
AERATION SYSTEM UPGRADE	\$8,500,000				
AMMONIA REMOVAL DEMO	\$2,000,000				
BIOSOLIDS - MECHANICAL THICKENERS					
DIGESTER MOD/CHEMICAL STORAGE	\$5,600,000				
DIGITAL SYSTEM IMPROVEMENTS	\$2,900,000				
MISCELLANEOUS IMPROVEMENTS	\$1,400,000				
ODOR CONTROL	\$7,700,000				
AMMONIA REMOVAL FULL SCALE/ STAGE II PHOSPHORUS REMOVAL	\$190,000,000				
PHOSPHORUS REMOVAL PILOT	\$5,000,000				
CSO - CURRENT					
CLINTON ST CONVEYANCE & RTF	\$31,245,000				
ERIE BLVD SEW SEP STORAGE	\$3,000,000				
FRANKLIN ST FCF	\$3,200,000				
HARBOR BROOK FCF	\$250,000				
HARBOR BROOK CSO ABATEMENT	\$5,444,000				\$3,880,000
HIAWATHA INTERCEPTOR/RTF	\$8,000,000				
KIRKPATRICK ST PUMP STATION	\$5,642,000				
MALTBIE ST FCF	\$250,000				
MIDLAND AVE CONVEYANCE	\$3,000,000				
MIDLAND AVE PHASE II & RTF	\$45,000,000				
MIDLAND AVE PHASE III	\$27,000,000				
MIDLAND AVE MITIGATION COSTS					
NEWELL ST FCF	\$1,310,000				
ONONDAGA CREEK FCF	\$3,000,000				
SEWER SEPARATION	\$7,704,000				
SIPHON REHABILITATION	\$1,230,000				
TEALL BROOK FCF	\$175,000				
WEST ST SEWER SEPARATION	\$1,000,000				
OTHER					
AMBIENT WATER MONITORING	\$8,000,000				
OXYGENATION DEMO	\$2,400,000				
SEQR REGULATORY	\$50,000				
TOTAL DOLLARS	*\$380,000,000	\$0	\$0	\$0	\$3,880,000
*Original budget figures were based on 1997 dollars					

Lake Improvement Project Status Report For The Period Ending 6/30/2010

	Project Title	ACJ START DATE	ACJ FINISH DATE	COUNTY FINISH DATE	ORIGINAL BUDGET(12)	AUTHORIZED BUDGET	ENGINEER
	METRO - Current						
1	AERATION SYSTEM UPGRADE		7/1/2002	01/03/00	\$ 8,500,000	\$ 6,925,115	EEA
2	AMMON. REMOVAL DEMONSTRATION	11/1/1998	3/1/2000	12/31/99	\$ 2,000,000	\$ 1,350,000	EEA
3	BIOSOLIDS - MECHANICAL THICKENERS					\$ 15,100,000	
4	DIGESTER MOD/CHEMICAL STORAGE		7/1/2002	10/31/00	\$ 5,600,000	\$ 5,092,545	C&S
5	DIGITAL SYSTEMS IMPROVEMENTS		7/1/2002	06/31/01	\$ 2,900,000	\$ 3,520,317	Systems Integrated
6	MISCEL. IMPROVEMENTS		7/1/2002	01/31/99	\$ 1,400,000	\$ 1,400,000	
7	ODOR CONTROL		7/1/2002	12/20/00	\$ 7,700,000	\$ 8,393,855	OBG
8	AMMONIA REMOVAL FULL SCALE/	10/1/2001	11/1/2003	11/01/03	\$ 125,000,000	\$ 129,386,187	EEA
	STAGE II PHOSPHORUS REMOVAL	10/1/2003	4/1/2005		\$ 65,000,000		
9	PHOSPHORUS REMOVAL - PILOT	4/1/2006	4/1/2007	12/31/00	\$ 5,000,000	\$ 4,300,000	EEA
	CSO - Current						
10	CLINTON ST. CONVEYANCE/	5/1/2003	5/1/2007	10/28/06	\$ 15,987,190	\$ 111,442,042	EEA
	CLINTON ST. RTF	5/1/2007	1/1/2012	12/28/10	\$ 15,258,090		
11	ERIE BLVD STORAGE SYSTEM		7/1/2002	04/13/02	\$ 3,000,000	\$ 2,684,523	Barton & Loguidice
12	FRANKLIN ST. FCF	4/26/1999	5/1/2000	05/01/00	\$ 3,200,000	\$ 5,216,618	EEA
13	HARBOR BROOK FCF		7/1/2002	07/01/02	\$ 250,000	\$ 889,109	EEA
14	HARBOR BROOK CSO ABATEMENT		7/1/2002		\$ 5,443,980	\$ 31,500,000	Moffa & Assoc.
15	HIAWATHA INTERCEPTOR/RTF ⁽⁷⁾		7/1/2002	12/31/00	\$ 8,000,000	\$ 6,047,183	EEA/Parsons
16	KIRKPATRICK ST. PUMP STATION		7/1/2002	10/29/02	\$ 5,641,860	\$ 12,558,335	EEA
17	MALTBIE STREET FCF ⁽⁹⁾	8/31/1998	7/1/2002	04/26/99	\$ 250,000	\$ 362,028	EEA
18	MIDLAND AVE CONVEYANCES	5/1/1999	5/1/2004	12/06/00	\$ 2,000,000	\$ 3,000,000	EEA
19	MIDLAND AVE PHASE II & RTF	5/1/2004	5/1/2007	04/18/04	\$ 45,000,000	\$ 75,186,553	EEA
20	MIDLAND AVE PHASE III	5/1/2004	5/1/2007	07/27/06	\$ 28,000,000	\$ 67,182,300	EEA
21	MIDLAND AVE MITIGATION COSTS					\$ 3,000,000	
22	NEWELL STREET RTF		7/1/2002	07/01/01	\$ 1,310,000	\$ 473,132	Moffa & Assoc.
23	ONONDAGA CREEK FCF		7/1/2002	07/01/02	\$ 3,000,000	\$ 648,342	Parsons
24	SEWER SEPARATION ⁽¹⁰⁾		1/1/2012	01/01/12	\$ 7,703,880	\$ 22,684,286	OBG
25	SIPHON REHABILITATION		7/1/2002	06/11/99	\$ 1,230,000	\$ 1,026,391	C&S
26	TEALL BROOK FCF		7/1/2002	12/01/01	\$ 175,000	\$ 1,235,346	EEA
27	WEST ST SEWER SEPARATION	5/1/1999		01/14/00	\$ 1,000,000	\$ 2,720,572	CHA
	OTHER						
28	AMBIENT WATER MONITORING		7/1/2002		\$ 8,000,000		
29	OXYGENATION DEMO PROJECT	5/1/1999	4/1/2003	02/25/04	\$ 2,400,000	\$ 10,087	
30	SEQRA REGULATORY COMPLIANCE (11)				\$ 50,000	\$ 50,000	Parsons
	TOTAL DOLLARS ⁽¹²⁾			*	\$ 380,000,000	\$ 523,384,866	
	*Original budget figures were based on 1997 dollars						

Lake Improvement Project Status Report For The Period Ending 6/30/2010

	<u>SOFT COST CONTRACTS (1)</u>	<u>CONSTRUCTION CONTRACT AMOUNTS</u>	<u>TOTAL PAYMENTS TO DATE (2)</u>	<u>FORECASTED COSTS (3)</u>	<u>TOTAL ESTIMATED COST (4)</u>	<u>OVER/UNDER BUDGET(5)</u>	<u>% COMPLETED EXPENDITURES(6)</u>
1	\$ 352,747	\$ 6,473,110	\$ 6,925,115		\$ 6,925,115	\$ (1,574,885)	100.00%
2	\$ 1,346,856		\$ 1,347,187		\$ 1,347,187	\$ (652,813)	100.00%
3	\$ 1,271,465	\$ 13,113,633	\$ 14,597,636	\$ 204,458	\$ 14,802,094	\$ 14,802,094	98.62%
4	\$ 748,386	\$ 4,357,480	\$ 5,092,545		\$ 5,092,545	\$ (507,455)	100.00%
5	\$ 451,713	\$ 2,974,514	\$ 3,520,317		\$ 3,520,317	\$ 620,317	100.00%
6			\$ 1,400,000		\$ 1,400,000	\$ -	100.00%
7	\$ 999,299	\$ 6,956,868	\$ 8,393,855		\$ 8,393,855	\$ 693,855	100.00%
8	\$ 21,289,868	\$ 106,962,810	\$ 128,688,040		\$ 128,688,040	\$ (61,311,960)	100.00%
9	\$ 4,056,741		\$ 3,880,339	\$ -	\$ 3,880,339	\$ (1,119,661)	100.00%
10	\$ 10,341,196	\$ 21,383,267	\$ 33,515,024	\$ 77,927,018	\$ 111,442,042	\$ 80,196,762	30.07%
11	\$ 901,556	\$ 1,734,929	\$ 2,684,523		\$ 2,684,523	\$ (315,477)	100.00%
12	\$ 973,543	\$ 3,920,238	\$ 4,948,516	\$ 2,018,689	\$ 6,967,205	\$ 3,767,205	71.03%
13	\$ 436,363	\$ 373,370	\$ 804,020	\$ 66,397	\$ 870,417	\$ 620,417	92.37%
14	\$ 6,945,001		\$ 13,430,605	\$ 46,569,395	\$ 60,000,000	\$ 54,556,020	22.38%
15	\$ 540,945	\$ 5,535,152 ⁽⁸⁾	\$ 6,047,183	\$ 3,406,000	\$ 9,453,183	\$ 1,453,183	63.97%
16	\$ 2,520,394	\$ 9,882,154	\$ 12,558,335		\$ 12,558,335	\$ 6,916,475	100.00%
17	\$ 109,483	\$ 152,418	\$ 362,028		\$ 362,028	\$ 112,028	100.00%
18	\$ 20,905,411	\$ 56,003,096	\$ 2,915,724		\$ 2,915,724	\$ 915,724	100.00%
19			\$ 68,918,673	\$ 6,267,880	\$ 75,186,553	\$ 30,186,553	91.66%
20			\$ 5,001,806	\$ 62,180,494	\$ 67,182,300	\$ 39,182,300	7.45%
21			\$ 2,253,793	\$ 746,207	\$ 3,000,000	\$ 3,000,000	75.13%
22	\$ 472,572		\$ 473,132		\$ 473,132	\$ (836,868)	100.00%
23	\$ 503,551		\$ 648,342		\$ 648,342	\$ (2,351,658)	100.00%
24	\$ 1,829,670	\$ 16,531,049	\$ 18,464,671	\$ 4,219,615	\$ 22,684,286	\$ 14,980,406	81.40%
25		\$ 1,021,823	\$ 1,026,391		\$ 1,026,391	\$ (203,609)	100.00%
26	\$ 320,039	\$ 903,566	\$ 1,235,346		\$ 1,235,346	\$ 1,060,346	100.00%
27	\$ 403,332	\$ 2,311,126	\$ 2,720,572		\$ 2,720,572	\$ 1,720,572	100.00%
28			\$ 13,005,665	\$ (5,005,665)	\$ 8,000,000	\$ -	162.57%
29	\$ 10,087		\$ 10,087		\$ 10,087	\$ (2,389,913)	100.00%
30							
	\$ 77,730,216	\$ 260,590,603	\$ 364,869,470	\$ 198,600,488	\$ 563,469,959	\$ 183,519,959	

	Project Title	TOTAL PAYMENTS TO DATE 6-30-10	TOTAL PAYMENTS TO DATE 5-31-10	Change
	METRO - Current			
1	AERATION SYSTEM UPGRADE	\$ 6,925,115	\$ 6,925,115	\$ -
2	AMMON. REMOVAL DEMONSTRATION	\$ 1,347,187	\$ 1,347,187	\$ -
3	BIOSOLIDS - MECHANICAL THICKENERS	\$ 14,597,636	\$ 14,597,636	\$ -
4	DIGESTER MOD/CHEMICAL STORAGE	\$ 5,092,545	\$ 5,092,545	\$ -
5	DIGITAL SYSTEMS IMPROVEMENTS	\$ 3,520,317	\$ 3,520,317	\$ -
6	MISCEL. IMPROVEMENTS	\$ 1,400,000	\$ 1,400,000	\$ -
7	ODOR CONTROL	\$ 8,393,855	\$ 8,393,855	\$ -
8	AMMONIA REMOVAL FULL SCALE/ STAGE II PHOSPHORUS REMOVAL	\$ 128,688,040	\$ 128,688,040	\$ -
9	PHOSPHORUS REMOVAL - PILOT	\$ 3,880,339	\$ 3,847,900	\$ 32,439
	CSO - Current			\$ -
10	CLINTON ST. CONVEYANCE/ CLINTON ST. RTF	\$ 33,515,024	\$ 33,273,675	\$ 241,348
11	ERIE BLVD STORAGE SYSTEM	\$ 2,684,523	\$ 2,684,523	\$ -
12	FRANKLIN ST. FCF	\$ 4,948,516	\$ 4,948,516	\$ -
13	HARBOR BROOK FCF	\$ 804,020	\$ 804,020	\$ -
14	HARBOR BROOK CSO ABATEMENT	\$ 13,430,605	\$ 12,853,120	\$ 577,485
15	HIAWATHA INTERCEPTOR/RTF	\$ 6,047,183	\$ 6,047,183	\$ -
16	KIRKPATRICK ST. PUMP STATION	\$ 12,558,335	\$ 12,558,335	\$ -
17	MALTBIE STREET FCF	\$ 362,028	\$ 362,028	\$ -
18	MIDLAND AVE CONVEYANCES	\$ 2,915,724	\$ 2,915,724	\$ -
19	MIDLAND AVE PHASE II & RTF	\$ 68,918,673	\$ 68,917,009	\$ 1,664
20	MIDLAND AVE PHASE III	\$ 5,001,806	\$ 4,934,185	\$ 67,621
21	MIDLAND AVE MITIGATION COSTS	\$ 2,253,793	\$ 2,253,793	\$ -
22	NEWELL STREET RTF	\$ 473,132	\$ 473,132	\$ -
23	ONONDAGA CREEK FCF	\$ 648,342	\$ 648,342	\$ -
24	SEWER SEPARATION	\$ 18,464,671	\$ 18,460,774	\$ 3,897
25	SIPHON REHABILITATION	\$ 1,026,391	\$ 1,026,391	\$ -
26	TEALL BROOK FCF	\$ 1,235,346	\$ 1,235,346	\$ -
27	WEST ST SEWER SEPARATION	\$ 2,720,572	\$ 2,720,572	\$ -
	OTHER			
28	AMBIENT WATER MONITORING	\$ 13,005,665	\$ 13,005,665	\$ -
29	OXYGENATION DEMO PROJECT	\$ 10,087	\$ 10,087	\$ -
30	SEQRA REGULATORY COMPLIANCE	\$ -	\$ -	\$ -
				\$ -
	TOTAL DOLLARS	\$ 364,869,470	\$ 363,945,017	\$ 924,453