

Chronology of Project Construction Starts

	<u>Status</u>	<u>Location</u>
<u>Pre-ACJ signing (1/20/98)</u>		
<ul style="list-style-type: none"> • General Improvements • Odor Control and Residuals Handling 	<p>Authorized</p> <p>Authorized</p>	<p>Metro</p> <p>Metro</p>
<u>1998</u>		
<ul style="list-style-type: none"> • Digital Systems Upgrade • Ammonia Removal Demonstration • Aeration System Upgrade • Hiawatha RTF - ACOE • Newell St. RTF Demo/Improvements • Maltbie St. FCF • Siphon Rehab 	<p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p>	<p>Metro</p> <p>Metro</p> <p>Metro</p> <p>Regional Market</p> <p>W.Newell/Vale St.</p> <p>Maltbie/Plum St.</p> <p>Various</p>
<u>1999</u> ¹		
<ul style="list-style-type: none"> • Digester Modifications/Chemical Storage • Franklin St. FCF • West Street Sewer Separation • Ammonia Trackdown 	<p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Underway</p>	<p>Metro</p> <p>I-690/Franklin</p> <p>W. Genesee, Plum, Tracy, N. West St.</p> <p>Metro</p>
<u>2000 (new)</u>		
<ul style="list-style-type: none"> • Midland Ave. Conveyance Phase I • Phosphorus Removal – Pilot 	<p>Authorized</p> <p>Authorized</p>	<p>Tallman/Oxford St.</p> <p>Metro</p>
<u>2001 (new)</u>		
<ul style="list-style-type: none"> • Erie Blvd. Storm Sewer Upgrade • Full Scale Ammonia Removal/ Stage II Phosphorus Removal • Harbor Brook FCF • Kirkpatrick St. Pump Station & Force Main • Midland Ave. Conveyance Phase II • Onondaga Creek FCF • Teall Brook FCF 	<p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p> <p>Authorized</p>	<p>Franklin toTeall</p> <p>Metro</p> <p>W.Hiaw./I-690</p> <p>Kirkpatrick St.</p> <p>Blaine to Brighton</p> <p>Kirkpatrick St.</p> <p>Teall Ave.</p>

¹ Lake Oxygenation project being delayed.

**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)	\$2,518,267.33
Barry & Barry Electrical Co. (Electrical)	\$ 185,461.51
Burns Bros. (HVAC)	\$ 207,201.20
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 – CONTRACT 1A*

U.S. Filter – Kruger Products, Inc.	\$8,250,000.00
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FULL SCALE AMMONIA/PHOSPHORUS REMOVAL – CONTRACT 1B**

U.S. Filter – Kruger Products, Inc.	\$3,645,905.00
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* Only \$260,500.00 authorized at this time.

** Only \$190,860.00 authorized at this time.

**CONTRACTORS for
CONSTRUCTION PROJECTS
CSOs**

MALTBIE STREET FCF

Over & Under Piping \$ 152,418.00

FRANKLIN STREET FCF

Maxim Construction (General) \$3,511,796.55
Burns Bros. (Mechanical) \$ 174,350.00
Scriba Electric (Electrical) \$ 134,400.00
Burns Bros. (Plumbing) \$ 28,400.00

MIDLAND AVENUE CONVEYANCES

Marcellus Construction (General) \$2,060,719.09

SIPHON REHABILITATION

Insituform Metropolitan \$1,025,551.00

WEST STREET AREA SEWER SEPARATION

Maxim Construction (General) \$2,467,488.50

Onondaga County							
Department of Drainage & Sanitation							
Lake Improvement Project Office							
Period Ending: December 2000							
Index: 480095 731009 001							
					2000	2000 YTD	
Description		1999 Actual	2000 Adopted	2000 BAM	Encumbrances	Cash Expenses	Balance
Employee Salaries		\$377,277.63	\$491,661.00	\$491,567.00	\$0.00	\$363,653.39	\$127,913.61
Overtime Wages		\$274.24	\$0.00	\$94.00	\$0.00	\$94.00	\$0.00
Other Wages		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Employee Benefits		\$50,264.37	\$122,000.00	\$122,000.00	\$0.00	\$43,586.64	\$78,413.36
Furniture, Equipment		\$4,895.17	\$8,529.00	\$8,529.00	\$0.00	\$4,725.80	\$3,803.20
Supplies		\$4,397.39	\$3,000.00	\$3,000.00	\$722.12	\$2,125.26	\$152.62
Travel/Training		\$7,348.18	\$5,000.00	\$5,000.00	\$0.00	\$1,399.50	\$3,600.50
Fees for Services ⁽¹⁾		\$588,291.14	\$386,000.00	\$386,000.00	\$47,091.18	\$313,106.70	\$25,802.12
All Other Expenses		\$2,198.42	\$100,000.00	\$100,000.00	\$0.00	\$26,667.53	\$73,332.47
Maintenance/Rents		\$5,156.57	\$8,000.00	\$8,000.00	\$0.00	\$840.66	\$7,159.34
All Other Indept.		\$5,722.73	\$1,590.00	\$1,590.00	\$0.00	\$1,959.13	(\$369.13)
IT Interdept.		\$3,172.56	\$0.00	\$0.00	\$0.00	\$350.66	(\$350.66)
Facilities Charges		\$2,056.49	\$381.00	\$381.00	\$0.00	\$1,795.28	(\$1,414.28)
Law Charges		\$41,173.00	\$0.00	\$0.00	\$0.00	\$71,460.14	(\$71,460.14)
Purchasing Charges		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Insurance Charges		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		\$1,092,227.89	\$1,126,161.00	\$1,126,161.00	\$47,813.30	\$831,764.69	\$246,583.01
<i>(1) Professional services covered in this category which are specific to ACJ projects are charged back to the projects where applicable.</i>							

FINANCIAL TRACKING SUMMARY: FEDERAL & STATE GRANTS/LOANS APPROVED & RECEIVED								
PROJECT NAME	PROJECT BUDGET	GRANTS/LOANS APPLIED FOR	STATE BOND ACT GRANT APPRVD	STATE BOND ACT GRANT REC'D	FED EPA GRANT APPRVD	FED EPA GRANT REC'D	EFC LOAN APPRVD	EFC LOAN REC'D
METRO - CURRENT								
AERATION SYSTEM UPGRADE	\$8,500,000	\$1,044,167(a)	\$7,666,687	\$5,250,855			\$7,365,000	\$6,864,003
AMMONIA REMOVAL DEMO	\$2,000,000		\$1,224,000					
DIGESTER MOD/CHEMICAL STORAGE	\$5,600,000		\$4,380,162				\$4,938,419	\$4,619,840
DIGITAL SYSTEM IMPROVEMENTS	\$2,900,000		\$1,563,317	\$816,036			\$1,849,000	\$1,743,524
MISCELLANEOUS IMPROVEMENTS	\$1,400,000							
ODOR CONTROL ^(a)	\$7,700,000						\$7,413,199	\$6,127,447
AMMONIA REMOVAL FULL SCALE/ STAGE II PHOSPHORUS REMOVAL	\$190,000,000	\$5,930,466(c) \$31,579,600(d) \$53,300,000 (b)						
PHOSPHORUS REMOVAL PILOT	\$5,000,000							
CSO - CURRENT								
ERIE BLVD SEW SEP STORAGE	\$3,000,000	\$1,982,000(b)	\$2,550,000					
FRANKLIN ST FCF	\$3,200,000		\$2,724,000				\$4,726,762	\$4,066,897
HARBOR BROOK FCF	\$250,000		\$212,000					
HIAWATHA INTERCEPTOR/RTF ^(f)	\$8,000,000	\$2,800,000(a)						
KIRKPATRICK ST PUMP STATION	\$5,642,000	\$8,015,000(b)	\$4,900,000					
MALTBIE ST FCF	\$250,000		\$212,500	\$211,097			\$212,000	\$188,106
MIDLAND AVE CONVEYANCE	\$2,000,000					\$ 542,931		
MIDLAND AVE PHASE II & RTF	\$45,000,000	\$9,069,534(c)	\$15,931,650		\$ 38,789,000			
MIDLAND AVE PHASE III	\$28,000,000							
NEWELL ST FCF ^(e)	\$1,310,000		\$476,000					
ONONDAGA CREEK FCF	\$3,000,000		\$2,550,000					
SEWER SEPARATION ^(f)	\$7,704,000							
SIPHON REHABILITATION	\$1,230,000	\$140,427(a)	\$1,045,500	\$782,915			\$1,435,500	\$1,024,433
TEALL BROOK FCF	\$175,000	\$1,375,000(b)	\$150,000					
WEST ST SEWER SEPARATION	\$1,000,000		\$2,550,000				\$3,059,716	\$2,351,303
CSO - FUTURE								
CLINTON ST CONVEYANCE & RTF	\$31,245,000							
HARBOR BROOK IN-WATER	\$5,444,000							
OTHER								
AMBIENT WATER MONITORING	\$8,000,000							
OXYGENATION DEMO	\$2,400,000				\$2,300,000			
SEQR REGULATORY	\$50,000							
TOTAL DOLLARS	\$ 380,000,000	\$115,236,194	\$48,135,816	\$7,060,903	\$41,089,000	\$542,931	\$30,999,596	\$26,985,553
(a) NOTE: EFC LONG-TERM LOAN								
(b) NOTE: EFC SHORT-TERM LOAN								
(c) NOTE: STATE BOND ACT FUNDS								
(d) NOTE: FED EPA GRANT								
(e) NOTE: PROJECT RECEIVED \$40,500 COST SHARE GRANT FROM (NYSERDA)								
(f) NOTE: PROJECT IS US ARMY CORPS OF ENGINEERS PROJECT								

Lake Improvement Project Status Report for the period ending 12/31/00

	<u>Project Title</u>	<u>ACJ START DATE</u>	<u>ACJ FINISH DATE</u>	<u>COUNTY FINISH DATE</u>	<u>ORIGINAL BUDGET</u>	<u>AUTHORIZED BUDGET</u>	<u>ENGINEER</u>
	METRO - Current						
1	AERATION SYSTEM UPGRADE		7/1/2002	1/3/2000	\$ 8,500,000	\$ 8,855,000	EEA
2	AMMON. REMOVAL DEMONSTRATION	11/1/1998	3/1/2000	12/31/1999	\$ 2,000,000	\$ 1,350,000	EEA
3	DIGESTER MOD/CHEMICAL STORAGE		7/1/2002	10/31/2000	\$ 5,600,000	\$ 5,600,000	C&S
4	DIGITAL SYSTEMS IMPROVEMENTS		7/1/2002	6/31/01	\$ 2,900,000	\$ 3,600,000	Systems Integrated
5	MISCEL. IMPROVEMENTS		7/1/2002	1/31/1999	\$ 1,400,000	\$ 1,400,000	
6	ODOR CONTROL		7/1/2002	12/20/2000	\$ 7,700,000	\$ 8,416,000	OBG
7	AMMONIA REMOVAL FULL SCALE/ STAGE II PHOSPHORUS REMOVAL	10/1/2001 10/1/2003	11/1/2003 4/1/2005	11/1/2003 11/1/2003	\$ 125,000,000 \$ 65,000,000	\$ 122,500,000	EEA
8	PHOSPHORUS REMOVAL - PILOT	4/1/2006	4/1/2007	12/31/2000	\$ 5,000,000	\$ 2,500,000	EEA
	CSO - Current						
9	FRANKLIN ST. FCF	4/26/1999	5/1/2000	5/1/2000	\$ 3,200,000	\$ 4,750,000	EEA
10	HIAWATHA INTERCEPTOR/RTF ⁽⁷⁾		7/1/2002	12/31/2000	\$ 8,000,000	\$ 6,065,420	EEA/Parsons
11	KIRKPATRICK ST. PUMP STATION		7/1/2002	3/9/2002	\$ 5,641,860	\$ 5,650,000	EEA
12	MALTBIE STREET FCF ⁽⁹⁾	8/31/1998	7/1/2002	4/26/1999	\$ 250,000	\$ 250,000	EEA
13	TEALL BROOK FCF		7/1/2002	8/27/2002	\$ 175,000	\$ 1,375,000	EEA
14	HARBOR BROOK FCF		7/1/2002	9/9/2001	\$ 250,000	\$ 250,000	EEA
15	MIDLAND AVE. CONVEYANCES	5/1/1999	5/1/2004	12/06/00	\$ 2,000,000	\$ 5,000,000	EEA
16	MIDLAND AVE PHASE II & RTF	5/1/2004	5/1/2007	04/18/04	\$ 45,000,000	\$ 45,000,000	EEA
17	MIDLAND AVE PHASE III	5/1/2004	5/1/2007	07/27/06	\$ 28,000,000	\$ 28,000,000	EEA
18	NEWELL STREET RTF		7/1/2002	03/11/02	\$ 1,310,000	\$ 900,000	Moffa & Assoc.
19	ONONDAGA CREEK FCF		7/1/2002	12/19/01	\$ 3,000,000	\$ 1,000,000	Parsons
20	SEWER SEPARATION ⁽¹⁰⁾		1/1/2012	01/01/12	\$ 7,703,880	\$ 15,484,286	OBG
21	SIPHON REHABILITATION		7/1/2002	06/11/99	\$ 1,230,000	\$ 1,200,000	C&S
22	WEST ST SEWER SEPARATION	5/1/1999		01/14/00	\$ 1,000,000	\$ 3,500,000	CHA
	CSO - Future						
23	CLINTON ST. CONVEYANCE/ CLINTON ST. RTF	5/1/2003 5/1/2007	5/1/2007 1/1/2012	10/28/06 12/28/10	\$ 15,987,190 \$ 15,258,090	\$ 31,500,000	EEA
24	ERIE BLVD STORAGE SYSTEM		7/1/2002	04/13/02	\$ 3,000,000	\$ 3,000,000	Barton & Loguidice
25	HARBOR BROOK IN WATER SYSTEM		7/1/2002	07/01/02	\$ 5,443,980	\$ 5,500,000	Moffa & Assoc.
	OTHER						
26	AMBIENT WATER MONITORING		7/1/2002	06/30/02	\$ 8,000,000		
27	OXYGENATION DEMO PROJECT	5/1/1999	4/1/2003	02/25/04	\$ 2,400,000	\$ 500,000	
28	SEQRA REGULATORY COMPLIANCE ⁽¹¹⁾				\$ 50,000	\$ 50,000	Parsons
	TOTAL DOLLARS ⁽¹²⁾				\$ 380,000,000	\$ 313,195,706	
	Footnotes are found on reverse of page 2						

Lake Improvement Project Status Report for the period ending 12/31/00

	<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>% COMPLETE⁽⁶⁾</u>
1	\$ 359,680	\$ 6,473,110	\$ 6,904,119	\$ -	\$ 6,904,119	\$ (1,595,881)	100.00%
2	\$ 1,346,856		\$ 1,347,187	\$ -	\$ 1,347,187	\$ (652,813)	100.00%
3	\$ 777,739	\$ 4,323,212	\$ 4,628,099	\$ 516,673	\$ 5,144,772	\$ (455,228)	89.96%
4	\$ 322,052	\$ 2,974,514	\$ 2,507,731	\$ 977,491	\$ 3,485,222	\$ 585,222	71.95%
5			\$ 1,400,000	\$ -	\$ 1,400,000	\$ -	100.00%
6	\$ 1,004,446	\$ 6,956,868	\$ 8,026,870	\$ 215,815	\$ 8,242,685	\$ 542,685	97.38%
7	\$ 8,715,099	\$ 11,895,905	\$ 2,074,579	\$ 120,425,421	\$ 122,500,000	\$ (67,500,000)	1.69%
8	\$ 1,894,559		\$ 1,594,131	\$ 905,869	\$ 2,500,000	\$ (2,500,000)	63.77%
9	\$ 822,816	\$ 3,848,947	\$ 4,493,763	\$ 231,462	\$ 4,725,225	\$ 1,525,225	95.10%
10	\$ 1,809,143	\$ 5,904,603 ⁽⁸⁾	\$ 6,057,986	\$ 2,942,014	\$ 9,000,000	\$ 1,000,000	67.31%
11	\$ 1,002,955		\$ 542,879	\$ 7,472,121	\$ 8,015,000	\$ 2,373,140	6.77%
12	\$ 133,155	\$ 241,248	\$ 362,028	\$ -	\$ 362,028	\$ 112,028	100.00%
13	\$ 327,947		\$ 117,440	\$ 1,257,560	\$ 1,375,000	\$ 1,200,000	8.54%
14	\$ 124,914		\$ 172,661	\$ 327,339	\$ 500,000	\$ 250,000	34.53%
15	\$ 1,197,995	\$ 2,060,719	\$ 2,447,430	\$ 967,635	\$ 3,415,065	\$ 1,415,065	71.67%
16	\$ 3,924,796		\$ -	\$ 45,000,000	\$ 45,000,000		
17			\$ -	\$ 28,000,000	\$ 28,000,000		
18	\$ 498,904		\$ 464,169	\$ -	\$ 464,169	\$ (845,831)	100.00%
19	\$ 270,177		\$ 152,862	\$ 847,138	\$ 1,000,000	\$ (2,000,000)	15.29%
20	\$ 504,286		\$ 484,286	\$ 14,515,714	\$ 15,000,000	\$ 7,296,120	3.23%
21	\$ 1,015	\$ 1,025,551	\$ 1,024,433	\$ -	\$ 1,024,433	\$ (205,567)	100.00%
22	\$ 377,665	\$ 2,467,489	\$ 2,592,844	\$ 122,403	\$ 2,715,247	\$ 1,715,247	95.49%
23	\$ 355,364		\$ 216,501	\$ 31,283,499	\$ 31,500,000	\$ 254,720	0.69%
24	\$ 483,638	\$ -	\$ 98,688	\$ 1,101,312	\$ 1,200,000	\$ (1,800,000)	8.22%
25	\$ 534,788	\$ -	\$ 309,527	\$ 49,690,473	\$ 50,000,000	\$ 44,556,020	0.62%
26			\$ -	\$ 8,000,000	\$ 8,000,000	\$ -	0.00%
27	\$ 10,238		\$ 10,087	\$ 2,389,913	\$ 2,400,000	\$ -	0.42%
28	\$ 165,961						
	\$ 26,966,188	\$ 48,172,166	\$ 48,030,300	\$ 317,189,852	\$ 365,220,152	\$ (14,729,848)	

FOOTNOTES TO THE FINANCIAL STATEMENT

1. Soft Cost Contracts include Engineering contracts and Project Management contracts.
2. Total Payments To Date include contract payments, including SEQR compliance, and non-contract expenses, such as advertising, land acquisition, insurance and debt costs.
3. Forecasted Costs include pending contract expenses, change orders in process and other pending miscellaneous expenses. On projects that have not started construction, Forecasted Costs are based upon current estimates.
4. Total Estimated Cost equals Total Payments To Date and Forecasted Costs.
5. Over(Under) Budget is a comparison to the Total Estimated Cost versus Original Budget.
6. % Complete – calculated on Total Payments To Date as a percentage of the Total Estimated Cost.
7. Hiawatha Blvd. RTF and Interceptor managed by the Army Corps. Of Engineers – 30% County funding.
8. Hiawatha Project Contractors:

Overflow – Marcellus Construction	\$1,646,177.41
Interceptor – Syracuse Constructors	\$ 660,325.00
RTF – C.O.Falter Construction	\$3,598,101.00
9. Maltbie Street FCF costs reflect the purchase of a crane which will benefit all FCF projects.
10. Sewer Separation project is being managed by the Army Corps. of Engineers.
11. SEQR costs are reflected in the individual projects under Total Payments To Date.
12. In the event that future compliance determinations require the construction of additional filtering, the cost of the overall project could be expected to increase by an estimated \$65 million.