

ITHACA AREA WASTEWATER TREATMENT FACILITY

TOWN OF ITHACA

CITY OF ITHACA

TOWN OF DRYDEN, OWNERS

525 THIRD STREET
ITHACA, NEW YORK 14850
(607) 273-8381

Special Joint Committee
Wednesday, February 10, 2020 1:00pm

Join Zoom Meeting

<https://us02web.zoom.us/j/84972943614?pwd=WkVHaE5kNmpZODZzTUUpUR1oxbUhqQT09>

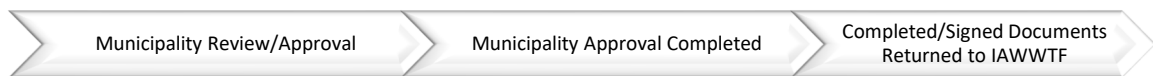
Meeting ID: 849 7294 3614 Password: 7XNNAr

One tap mobile +19292056099,,84972943614#,,,,0#,,420117# US (New York)

- 1) Welcome
- 2) Agenda Review and Approval of Minutes
- 3) Financial Report – Steve Thayer City Controller
- 4) Operations and Engineering Report – *CJ Kilgore Chief Operator*
- 5) Voting Items
 - a) Dryden I&I Letter of Support (to be sent separately) – *Ray Burger*
- 6) Discussion Items
 - a) Cayuga Heights I&I surge request – *Bill Goodman*
 - b) NYSEG Access Agreement update – *Cynthia Brock*
- 7) Adjournment

Upcoming Meeting Dates: March 10, April 14

Approval Status Dashboard



City Harbor Agreements

City of Ithaca
Town of Dryden
Town of Ithaca

Out of consideration for the health of other individuals, please refrain from using perfume/cologne and other scented personal care products at City of Ithaca meetings.
Thank you for your cooperation and understanding.

IAWWTF
 Approved Budget and Actual Activity
 As of December 31, 2020 (Not Final)
 2/5/2021

Revenues:							
J8150							
Account #	Description	Budget	Actual	Excess or (Deficiency)	% Rec'd		
2373	Septage Service Other	\$ 495,000	\$ 556,406	\$ 61,406	112.41%		
2374	Sewer Service Other Govt's	\$ 3,005,275	\$ 3,005,275	\$ -	100.00%		
2392	Debt Service Other Govt's	\$ 1,145,886	\$ 1,142,585	\$ (3,301)	99.71%		
2401	Interest & Earnings	\$ 3,200	\$ -	\$ (3,200)	0.00%		
2665	Sale of Equipment	\$ 1,500	\$ 4,326	\$ 2,826	288.40%		
2680	Insurance Recoveries	\$ -	\$ -	\$ -			
2701	Refund of Prior Year Expense	\$ -	\$ -	\$ -			
2705	Gifts and Donations	\$ -	\$ -	\$ -			
2770	Unclassified Revenue	\$ 1,000	\$ 1,080	\$ 80	108.00%		
Total Revenues as of 12/31/20		\$ 4,651,861	\$ 4,709,672	\$ 57,811	101.24%		

IAWWTF
Approved Budget and Actual Activity
As of December 31, 2020 (Not Final)
2/5/2021

Expenditures:							
J8150							
Account #	Description	Budget	Actual	Available Balance	% Used		
<i>Operations:</i>							
1920	Municipal Association Dues	\$ 1,119	\$ 1,086	\$ 33	97.05%		
1990	Contingency Account	\$ 20,000	\$ -	\$ 20,000	0.00%		
5105	Administration Salaries	\$ -	\$ -	\$ -	0.00%		
5110	Staff Salaries	\$ 894,065	\$ 756,190	\$ 137,875	84.58%		
5115	Hourly F/T	\$ 40,516	\$ 34,454	\$ 6,062	85.04%		
5120	Hourly P/T	\$ 25,000	\$ 18,156	\$ 6,844	72.62%		
5125	Overtime	\$ 22,000	\$ 18,190	\$ 3,810	82.68%		
5210	Office Equipment	\$ -	\$ -	\$ -	0.00%		
5215	Motor Vehicles	\$ -	\$ -	\$ -	0.00%		
5225	Other Equipment	\$ 60,000	\$ -	\$ 60,000	0.00%		
5405	Telephone	\$ 6,200	\$ 4,184	\$ 2,016	67.48%		
5410	Utilities	\$ 280,000	\$ 363,025	\$ (83,025)	129.65%		
5415	Clothing	\$ 7,200	\$ 7,896	\$ (696)	109.67%		
5420	Gas & Oil	\$ 10,000	\$ 1,019	\$ 8,981	10.19%		
5425	Office Expense	\$ 2,000	\$ 1,783	\$ 217	89.15%		
5430	Fees	\$ 115,000	\$ 76,387	\$ 38,613	66.42%		
5435	Contracts	\$ 170,000	\$ 136,890	\$ 33,110	80.52%		
5436	Overhead Charge City General Fund	\$ 194,424	\$ 194,424	\$ -	100.00%		
5440	Staff Development	\$ 18,000	\$ 11,587	\$ 6,413	64.37%		
5450	Advertising	\$ 200	\$ -	\$ 200	0.00%		
5455	Insurance	\$ 144,000	\$ 154,367	\$ (10,367)	107.20%		
5475	Property Maintenance	\$ -	\$ -	\$ -	0.00%		
5476	Equipment Maintenance	\$ -	\$ -	\$ -	0.00%		
5477	Equipment Parts	\$ 105,000	\$ 188,084	\$ (83,084)	179.13%		
5479	Vehicle Maintenance	\$ 2,000	\$ -	\$ 2,000	0.00%		
5480	Building Maintenance Supplies	\$ 22,000	\$ 10,625	\$ 11,375	48.30%		
5494	Safety Materials & Supplies	\$ 6,000	\$ 2,803	\$ 3,197	46.72%		
5495	Treatment Supplies	\$ 550,000	\$ 385,672	\$ 164,328	70.12%		
5496	Lab Supplies	\$ 84,000	\$ 72,229	\$ 11,771	85.99%		
5499	Sludge Disposal Fees	\$ 375,000	\$ 368,923	\$ 6,077	98.38%		
5700	Prior Year Encumbrances	\$ 12,936	\$ 12,936	\$ -	0.00%		
5720	Prior Year Equipment	\$ 24,319	\$ 24,319	\$ -	0.00%		
	Sub-Totals	\$ 3,190,979	\$ 2,845,229	\$ 345,750	89.16%		
<i>Benefits:</i>							
9010	State Retirement	\$ 118,320	\$ 117,302	\$ 1,018	99.14%		
9030	Social Security	\$ 75,091	\$ 63,297	\$ 11,794	84.29%		
9040	Workers Compensation	\$ 23,000	\$ 12,326	\$ 10,674	53.59%		
9050	Unemployment Insurance	\$ -	\$ -	\$ -	0.00%		
9060	Health Insurance	\$ 381,440	\$ 383,182	\$ (1,742)	100.46%		
9070	Dental Insurance	\$ 3,200	\$ 3,474	\$ (274)	108.56%		
9080	Day Care Assistance	\$ 200	\$ -	\$ 200	0.00%		
9089	Employee Tuition	\$ 1,000	\$ 2,667	\$ (1,667)	266.70%		
	Sub-Totals	\$ 602,251	\$ 582,248	\$ 20,003	96.68%		
<i>Debt Service</i>							
9710	Serial Bonds	\$ 554,821	\$ 554,821	\$ -	100.00%		
9711	Interest on Serial Bonds	\$ 456,540	\$ 453,239	\$ 3,301	99.28%		
9730	BANS	\$ -	\$ -	\$ -	0.00%		
9731	Interest on BANS	\$ 134,525	\$ 134,525	\$ -	100.00%		
	Sub-Totals	\$ 1,145,886	\$ 1,142,585	\$ 3,301	99.71%		
<i>Interfund Transfers</i>							
9951	Transfer to Capital Reserves	\$ -	\$ -	\$ -	0.00%		
	Sub-Totals	\$ -	\$ -	\$ -	0.00%		
Total All Expenditures as of 12/31/20		\$ 4,939,116	\$ 4,570,062	\$ 369,054	92.53%		

IAWWTF
 Approved Budget and Actual Activity
 As of December 31, 2020 (Not Final)
 2/5/2021

	Surplus(deficit) as of 12/31/20		\$ (287,255)	\$ 139,610		\$ 426,865			
	*\$250,000 was appropriated from Fund Balance surplus for 2020								

IAWWTF
 Approved Budget and Actual Activity
 As of January 31, 2021
 2/5/2021

Revenues:							
J8150							
Account #	Description		Budget	Actual	Excess or (Deficiency)	% Rec'd	
2373	Septage Service Other		\$ 495,000	\$ -	\$ (495,000)	0.00%	
2374	Sewer Service Other Govt's		\$ 3,225,999	\$ 790,459	\$ (2,435,540)	24.50%	
2392	Debt Service Other Govt's		\$ 1,153,595	\$ -	\$ (1,153,595)	0.00%	
2401	Interest & Earnings		\$ 1,800	\$ -	\$ (1,800)	0.00%	
2665	Sale of Equipment		\$ 1,500	\$ -	\$ (1,500)	0.00%	
2680	Insurance Recoveries		\$ -	\$ -	\$ -		
2701	Refund of Prior Year Expense		\$ -	\$ -	\$ -		
2705	Gifts and Donations		\$ -	\$ -	\$ -		
2770	Unclassified Revenue		\$ 1,000	\$ -	\$ (1,000)	0.00%	
Total Revenues as of 1/31/21			\$ 4,878,894	\$ 790,459	\$ (4,088,435)	16.20%	

IAWWTF
Approved Budget and Actual Activity
As of January 31, 2021
2/5/2021

Expenditures:							
J8150							
Account #	Description	Budget	Actual	Available Balance	% Used		
<i>Operations:</i>							
1920	Municipal Association Dues	\$ 1,119	\$ 1,086	\$ 33	97.05%		
1990	Contingency Account	\$ 20,000	\$ -	\$ 20,000	0.00%		
5105	Administration Salaries	\$ -	\$ -	\$ -	0.00%		
5110	Staff Salaries	\$ 833,775	\$ 47,187	\$ 786,588	5.66%		
5115	Hourly F/T	\$ 21,110	\$ 1,681	\$ 19,429	7.96%		
5120	Hourly P/T	\$ 7,500	\$ 2,042	\$ 5,458	27.23%		
5125	Overtime	\$ 22,000	\$ 2,229	\$ 19,771	10.13%		
5210	Office Equipment	\$ -	\$ -	\$ -	0.00%		
5215	Motor Vehicles	\$ -	\$ -	\$ -	0.00%		
5225	Other Equipment	\$ -	\$ -	\$ -	#DIV/0!		
5405	Telephone	\$ 6,200	\$ 32	\$ 6,168	0.52%		
5410	Utilities	\$ 280,000	\$ 8,886	\$ 271,114	3.17%		
5415	Clothing	\$ 7,500	\$ -	\$ 7,500	0.00%		
5420	Gas & Oil	\$ 10,000	\$ -	\$ 10,000	0.00%		
5425	Office Expense	\$ 2,000	\$ -	\$ 2,000	0.00%		
5430	Fees	\$ 115,000	\$ 445	\$ 114,555	0.39%		
5435	Contracts	\$ 160,000	\$ -	\$ 160,000	0.00%		
5436	Overhead Charge City General Fund	\$ 194,210	\$ -	\$ 194,210	0.00%		
5440	Staff Development	\$ 20,000	\$ -	\$ 20,000	0.00%		
5450	Advertising	\$ 200	\$ -	\$ 200	0.00%		
5455	Insurance	\$ 163,000	\$ 160,599	\$ 2,401	98.53%		
5475	Property Maintenance	\$ -	\$ -	\$ -	0.00%		
5476	Equipment Maintenance	\$ -	\$ -	\$ -	0.00%		
5477	Equipment Parts	\$ 135,000	\$ -	\$ 135,000	0.00%		
5479	Vehicle Maintenance	\$ 2,000	\$ -	\$ 2,000	0.00%		
5480	Building Maintenance Supplies	\$ 18,000	\$ -	\$ 18,000	0.00%		
5494	Safety Materials & Supplies	\$ 6,000	\$ -	\$ 6,000	0.00%		
5495	Treatment Supplies	\$ 550,000	\$ -	\$ 550,000	0.00%		
5496	Lab Supplies	\$ 84,000	\$ -	\$ 84,000	0.00%		
5499	Sludge Disposal Fees	\$ 450,000	\$ -	\$ 450,000	0.00%		
5700	Prior Year Encumbrances	\$ -	\$ -	\$ -	0.00%		
5720	Prior Year Equipment	\$ -	\$ -	\$ -	0.00%		
	Sub-Totals	\$ 3,108,614	\$ 224,187	\$ 2,884,427	7.21%		
<i>Benefits:</i>							
9010	State Retirement	\$ 133,110	\$ -	\$ 133,110	0.00%		
9030	Social Security	\$ 67,655	\$ 4,065	\$ 63,590	6.01%		
9040	Workers Compensation	\$ 25,800	\$ 3,426	\$ 22,374	13.28%		
9050	Unemployment Insurance	\$ -	\$ -	\$ -	0.00%		
9060	Health Insurance	\$ 384,420	\$ 35,466	\$ 348,954	9.23%		
9070	Dental Insurance	\$ 3,500	\$ 568	\$ 2,932	16.23%		
9080	Day Care Assistance	\$ 200	\$ -	\$ 200	0.00%		
9089	Employee Tuition	\$ 2,000	\$ -	\$ 2,000	0.00%		
	Sub-Totals	\$ 616,685	\$ 43,525	\$ 573,160	7.06%		
<i>Debt Service</i>							
9710	Serial Bonds	\$ 573,138	\$ 77,088	\$ 496,050	13.45%		
9711	Interest on Serial Bonds	\$ 438,395	\$ 62,386	\$ 376,009	14.23%		
9730	BANS	\$ 63,016	\$ -	\$ 63,016	0.00%		
9731	Interest on BANS	\$ 79,046	\$ -	\$ 79,046	0.00%		
	Sub-Totals	\$ 1,153,595	\$ 139,474	\$ 1,014,121	12.09%		
<i>Interfund Transfers</i>							
9951	Transfer to Capital Reserves	\$ -	\$ -	\$ -	0.00%		
	Sub-Totals	\$ -	\$ -	\$ -	0.00%		
Total All Expenditures as of 1/31/21		\$ 4,878,894	\$ 407,186	\$ 4,471,708	8.35%		

IAWWTF
 Approved Budget and Actual Activity
 As of January 31, 2021
 2/5/2021

	Surplus(deficit) as of 1/31/21		\$ -	\$ 383,273		\$ 383,273	
	*\$0 was appropriated from Fund Balance surplus for 2021						

Capital Activity:		Status	Current Cash Balance	Current Auth Balance	Original Authorization	Expended To date	Expended This Period	Funded Amount	Comment
Account #	Capital Reserves:								
J1	Capital Reserve Balance		\$ 251,457.00						
	Capital Projects:								
409J	Phosphorus Removal Improvements	Closed	\$ 191,657.79	\$ (3,271.80)	\$ 4,975,000	\$ 4,978,271.80	\$ -	\$ 4,975,000.00	Authorized, funded by each entity
410J	Primary Settling Tanks Rehab I & II	Closed	\$ -	\$ 13,423.83	\$ 360,000	\$ 346,576.17	\$ -	\$ 150,000.00	Project complete, funding needed phase II
411J	Admin Building & Thickner Roof Addition Design	Closed	\$ -	\$ 10,000.00	\$ 10,000	\$ -	\$ -	\$ -	Authorized, funding from each entity
412J	Energy Reduction Upgrades	Closed	\$ -	\$ 31,369.44	\$ 60,000	\$ 28,630.56	\$ -	\$ -	Authorized, funding from each entity
413J	Boiler Replacement	Closed	\$ -	\$ 100,000.00	\$ 100,000	\$ -	\$ -	\$ -	Authorized, funding from each entity
414J	Flow Meter Stations Rehabilitation	Active	\$ (21,805.12)	\$ (6,805.12)	\$ 139,732	\$ 139,732.12	\$ -	\$ 132,927.00	Authorized, funding from each entity
415J	Facility Concrete Restoration	Closed	\$ -	\$ 118,279.28	\$ 135,000	\$ 16,720.72	\$ -	\$ -	Authorized, funding from each entity
416J	Misc Plant Improvements	To close	\$ (4,859.19)	\$ (4,859.19)	\$ 1,504,950	\$ 1,509,809.19	\$ -	\$ 1,430,950.00	Authorized, funding from each entity
417J	IAWWTF Energy Improvements	Active	\$ 202,567.15	\$ 202,567.39	\$ 8,026,398	\$ 8,247,921.61	\$ -	\$ 8,026,398.00	Authorized, funding from each entity, NYSERDA Grant \$406,179
418J	Septage Receiving Facility Improvements	To close	\$ 143,282.38	\$ 143,282.38	\$ 3,077,475	\$ 2,934,192.62	\$ -	\$ 3,077,475.00	Authorized, funding from each entity
419J	Influent Building & Dewatering System Imp	Active	\$ 13,487.51	\$ 62,487.51	\$ 3,953,563	\$ 3,891,075.49	\$ -	\$ 3,879,563.00	Authorized, funding from each entity
420J	Enhanced Primary Treatment Feasibility Study	Active	\$ 39,227.84	\$ 39,227.84	\$ 287,650	\$ 248,422.16	\$ -	\$ 287,650.00	Authorized, capital reserve funding
421J	IAWWTF Microgrid Electric Power Feasibility	Closed	\$ -	\$ -	\$ 148,960	\$ 148,960.00	\$ -	\$ 148,960.00	Authorized, funded from NYSERDA Grant
422J	IAWWTF Design for Various Improvements to Plant	Active	\$ 353,758.72	\$ 4,271,433.72	\$ 11,541,850	\$ 7,270,416.28	\$ 2,361,308.28	\$ 7,624,175.00	Authorized, capital reserve funding/Bonds
423J	IAWWTF Boiler Room Evaluation	Active	\$ (14,452.94)	\$ 4,047.06	\$ 18,500	\$ 14,452.94	\$ 700.04	\$ 18,500.00	Authorized, capital reserve funding
424J	IAWWTF Actiflow System Upgrade	Active	\$ 959.97	\$ 959.97	\$ 102,685	\$ 101,725.03	\$ 8,062.50	\$ 102,385.00	Authorized, funding from each entity
425J	IAWWTF Chemical Bulk Storage Tanks Replace	Active	\$ -	\$ 457,000.00	\$ 457,000	\$ -	\$ -	\$ -	Authorized, funding from each entity
	Total Capital Projects		\$ 903,824.11	\$ 5,439,142.31	\$ 34,898,763.00	\$ 29,876,906.69	\$ 2,370,070.82	\$ 29,853,983.00	
	Fund Balance:		Amount						
	12/31/2015 Capital Reserves		\$ 714,520						
	Assigned		\$ 160,665						
	Unassigned		\$ 1,234,482						
	Total Fund Balance		\$ 2,109,667						
	12/31/2016 Restricted for Capital		\$ 427,684	Capital reserves					
	Nonspendable		\$ 27,231	Prepaid expenses					
	Assigned		\$ 276,960	Encumbrances, next year budget					
	Unassigned		\$ 1,276,218						
	Total Fund Balance		\$ 2,008,093						
	12/31/2017 Restricted for Capital		\$ 253,257	Capital reserves					
	Nonspendable		\$ 27,317	Prepaid expenses					
	Assigned		\$ 406,847	Encumbrances, next year budget					
	Unassigned		\$ 1,227,808						
	Total Fund Balance		\$ 1,915,229						
	12/31/2018 Restricted for Capital		\$ 253,549	Capital reserves					
	Nonspendable		\$ 27,395	Prepaid expenses					
	Assigned		\$ 461,887	Encumbrances, next year budget					
	Unassigned		\$ 1,116,391						
	Total Fund Balance		\$ 1,859,222						
	12/31/2019 Restricted for Capital		\$ 251,457	Capital reserves					
	Nonspendable		\$ 27,475	Prepaid expenses					
	Assigned		\$ 368,604	Encumbrances, next year budget					
	Unassigned		\$ 893,244						
	Total Fund Balance		\$ 1,540,780						

IAWWTF
 Summary of CP 422J
 2/5/2021

IAWWTF Design for Various Improvements to Plant 422J										
				Amount	Source	Allocation per SJS Budget:				
12/6/2017	Regular CC meeting		City of Ithaca	\$ 248,088	\$ 434,175.00	Reserve/Bonds	\$ 434,175	2/15/2018	BANS	\$ -
			Town of Ithaca	\$ 177,491	\$ -					\$ -
			Town of Dryden	\$ 8,596			\$ -			\$ -
				\$ 434,175			\$ -			\$ -
12/5/2018	Regular CC meeting		City of Ithaca	\$ 4,108,366	\$ 7,190,000.00	Bonds	\$ 7,190,000	2/19/2019		
			Town of Ithaca	\$ 2,939,272						
			Town of Dryden	\$ 142,362						
				\$ 7,190,000						
1/8/2020	Regular CC meeting		City of Ithaca	\$ 2,238,559	\$ 3,917,675.00	Bonds				
			Town of Ithaca	\$ 1,601,546						
			Town of Dryden	\$ 77,570						
				\$ 3,917,675						
					\$ -					
Total Authorization					\$ 11,541,850.00		\$ 7,624,175			
Expenditures:										
Date	Payee		PO	Voucher	Amount	Comment				
5/8/2018	GHD Consulting Services Inc			1290	\$ 41,962.00	inv 66144, 66722 engineering services				
	Fiscal Advisors			1284	\$ 220.19	Bonding cost				
	Premier Printing			1285	\$ 69.44	Bonding cost				
	Orrick			1286	\$ 160.02	Bonding cost				
6/13/2018	GHD Consulting Services Inc			1292	\$ 24,198.00	inv 67191 engineering services to 5/19/18				
7/9/2018	GHD Consulting Services Inc			1294	\$ 49,620.00	inv 67712 engineering services to 6/23/18				
8/21/2018	GHD Consulting Services Inc			1296	\$ 70,295.00	inv 68181 engineering services to 7/21/18				
10/15/2018	GHD Consulting Services Inc			1302	\$ 82,700.00	inv 945516 engineering services to 8/18/18				
10/23/2018	GHD Consulting Services Inc			1304	\$ 82,700.00	inv 69129 engineering services to 9/29/18				
11/14/2018	GHD Consulting Services Inc			1305	\$ 20,675.00	inv 69625 engineering services to 10/20/18				
12/13/2018	GHD Consulting Services Inc			1307	\$ 22,000.00	inv 70180 engineering services to 11/17/18				
12/31/2018	GHD Consulting Services Inc			1308	\$ 11,000.00	inv 70617 engineering services to 12/15/18				
3/15/2019	GHD Consulting Services Inc			1319	\$ 5,000.00	inv 71222 engineering services to 1/19/19				
	SourceMedia	Bonds		1309	\$ 29.03	Bonding cost				
	Moody's			1311	\$ 611.24	Bonding cost				
	Premier Printing			1316	\$ 86.13	Bonding cost				
	Fiscal Advisors			1313	\$ 527.89	Bonding cost				
	Orrick			1314	\$ 407.03	Bonding cost				
	Orrick	BANS		1315	\$ 2,789.75	Bonding cost				
	Fiscal Advisors			1317	\$ 3,838.69	Bonding cost				
	Premier Printing			1318	\$ 1,173.92	Bonding cost				
					\$ 7,802.36					
4/4/2019	GHD Consulting Services Inc			1321	\$ 3,350.00	inv 71812 engineering services to 2/19/19				
4/30/2019	GHD Consulting Services Inc			1323	\$ 17,000.00	inv 72375 engineering services to 3/26/19				
12/16/2019	GHD Consulting Services Inc	\$ 37,783.68		1332	\$ 2,970.00	inv 75450 engineering services to 9/21/19				
1/21/2020	GHD Consulting Services Inc	\$ 39,810.00	ap19	1333	\$ 11,490.00	inv 76426 engineering services to 11/23/19				
3/10/2020	Premier Printing	BANS		1335	\$ 709.19	Bonding cost				
	Orrick			1334	\$ 1,653.88	Bonding cost				
	Fiscal Advisors			1336	\$ 2,778.52	Bonding cost				
6/15/2020	GHD Consulting Services Inc			1340	\$ 19,373.75	inv 78767 engineering services to 4/18/20				
	M.A. Bongiovanni, Inc.			1341	\$ 353,637.50	App 1 General Construction 3/9/20-4/25/20				
6/24/2020	GHD Consulting Services Inc			1343	\$ 22,574.75	inv 79199 engineering services to 5/23/20				

IAWWTF
 Summary of CP 422J
 2/5/2021

IAWWTF Design for Various Improvements to Plant 422J										
Authorizations:										
					Amount	Source		Allocation per SJS Budget:		
12/6/2017	Regular CC meeting	City of Ithaca	\$ 248,088		\$ 434,175.00	Reserve/Bonds	\$ 434,175	2/15/2018	BANS	\$ -
		Town of Ithaca	\$ 177,491		\$ -					\$ -
		Town of Dryden	\$ 8,596				\$ -			\$ -
			\$ 434,175				\$ -			\$ -
12/5/2018	Regular CC meeting	City of Ithaca	\$ 4,108,366		\$ 7,190,000.00	Bonds	\$ 7,190,000	2/19/2019		
		Town of Ithaca	\$ 2,939,272							
		Town of Dryden	\$ 142,362							
			\$ 7,190,000							
1/8/2020	Regular CC meeting	City of Ithaca	\$ 2,238,559		\$ 3,917,675.00	Bonds				
		Town of Ithaca	\$ 1,601,546							
		Town of Dryden	\$ 77,570							
			\$ 3,917,675							
					\$ -					
Total Authorization					\$ 11,541,850.00		\$ 7,624,175			
Expenditures:										
Date	Payee			PO	Voucher	Amount	Comment			
	M.A. Bongiovanni, Inc.		\$ 762,761.00		1342	\$ 367,175.00	App 2 General Construction 4/25/20-5/31/20			
8/19/2020	M.A. Bongiovanni, Inc.				1348	\$ 311,281.56	App 3 General Construction 6/1/20-6/30/20			
8/19/2020	GHD Consulting Services Inc		\$ 409,434.50		1349	\$ 98,152.94	inv 79682,79683, 80125, 80126 engineering services to 7/25/20			
9/9/2020	GHD Consulting Services Inc				1357	\$ 143,190.24	inv 78481, 78766, 79198, 80472,80473 engineering services thru 8/22/20, and onsite			
9/1/2020	M.A. Bongiovanni, Inc.				1354	\$ 501,639.63	App 4 & 5 General Construction 7/1/20 thru 9/1/20			
9/1/2020	Matco Electric		\$ 677,528.87		1356	\$ 32,699.00	App 1 for electrical services 7/1/20-7/31/20			
10/14/2020	GHD Consulting Services Inc				1361	\$ 39,287.54	inv 80773, 80774 engineering services through 9/19/2020			
	Matco Electric				1360	\$ 19,983.25	App 2 for electrical services 8/1/20-8/31/20			
10/21/2020	M.A. Bongiovanni, Inc				1363	\$ 1,115,922.25	App 6 general construction 9/1/20 thru 9/30/20			
	Matco Electric Corp		\$ 1,215,863.60		1364	\$ 40,670.56	App 3 services 9/1/20-9/30/20			
11/4/2020	GHD Consulting Services Inc				1365	\$ 64,496.48	Inv 77860 eng services thru 2/22/20, 81581 eng services thru 10/17/2020 and 81582			
	M.A. Bongiovanni, Inc				1366	\$ 1,229,319.38	App 7 general construction 10/1/2020-10/31/2020			
	Matco Electric Corp		\$ 1,383,510.11		1367	\$ 89,694.25	App 4 for electrical services 10/1/20-10/31/20			
12/23/2020	M.A Bongiovanni, Inc					\$ 386,306.67	App 8 general construction 11/1/20-11/30/20			
	GHD Consulting Services Inc					\$ 37,475.60	inv 81792, 81793 engineering services and onsite rep thru 11/21/20			
	Matco Electric Corp		\$ 564,678.27			\$ 140,896.00	App 5 electrical services 11/1/20-11/30/20			
1/27/2021	GHD Consulting Services Inc				ap20	\$ 30,081.26	Inv 82330, 82333 engineering services and on-site rep thru 12/19/20			
	John W. Danforth Co				ap20	\$ 339,247.35	Inv PB107690 pay app 1 services thru 11/30/20			
	M.A. Bongiovanni, Inc.				ap20	\$ 575,130.91	App 9 general construction 11/30-12/31/20			
	Matco Electric Corporation	\$ 2,361,303.28			ap20	\$ 852,165.49	App 6 electrical services 12/1-12/31/2020			

IAWWTF
 Summary of CP 422J
 2/5/2021

IAWWTF Design for Various Improvements to Plant 422J									
Authorizations:									
			Amount	Source		Allocation per SJS Budget:			
12/6/2017	Regular CC meeting	City of Ithaca	\$ 248,088	\$ 434,175.00	Reserve/Bonds	\$ 434,175	2/15/2018	BANS	\$ -
		Town of Ithaca	\$ 177,491	\$ -					\$ -
		Town of Dryden	\$ 8,596			\$ -			\$ -
			\$ 434,175			\$ -			\$ -
12/5/2018	Regular CC meeting	City of Ithaca	\$ 4,108,366	\$ 7,190,000.00	Bonds	\$ 7,190,000	2/19/2019		
		Town of Ithaca	\$ 2,939,272						
		Town of Dryden	\$ 142,362						
			\$ 7,190,000						
1/8/2020	Regular CC meeting	City of Ithaca	\$ 2,238,559	\$ 3,917,675.00	Bonds				
		Town of Ithaca	\$ 1,601,546						
		Town of Dryden	\$ 77,570						
			\$ 3,917,675						
				\$ -					
Total Authorization				\$ 11,541,850.00		\$ 7,624,175			
Expenditures:									
Date	Payee	PO	Voucher	Amount	Comment				
	Expended to date			\$ 7,270,416.28					
	Balance of Authorization			\$ 4,271,433.72					
Transfers from Capital Reserve/other funding sources:									
				\$ -					
				\$ -					
Total Transfers/other funding sources				\$ -					
Cash Balance				\$ 353,758.72					
Project Allocation:									
Allocation per SJS Budget:	Amount	Expended	Available	Status					
Contracts									
GHD Consulting Service Inc	\$ 654,060	\$ 899,593	\$ (245,533)	Prof Eng design services					
Matco Electric Corporation	\$ 2,043,600	\$ 1,176,108.55	\$ 867,491.5	Electrical contract					
John W. Danforth Co.	\$ 521,900	\$ 339,247.35	\$ 182,652.7	Grit Removal and Plant Modifications	5/5/2020				
M.A. Bongiovanni, Inc.	\$ 7,417,175	\$ 4,840,412.90	\$ 2,576,762.1	General Construction					
Totals	\$ 10,636,735	\$ 7,255,361	\$ 3,381,374						

IAWWTF
 Summary of CP 423J
 2/5/2021

IAWWTF Boiler Room Evaluation for Plant 423J										
Authorizations:										
5/6/2020	Regular CC meeting		City of Ithaca	\$ -	\$ 18,500.00	Cap Reserve	\$ -	2/15/2018	BANS	\$ -
			Town of Ithaca	\$ -	\$ -					\$ -
			Town of Dryden	\$ -			\$ -			\$ -
				\$ -			\$ -			\$ -
					\$ -					
Total Authorization					\$ 18,500.00		\$ -			
Expenditures:										
<u>Date</u>	<u>Payee</u>		<u>PO</u>	<u>Voucher</u>	<u>Amount</u>	<u>Comment</u>				
8/19/2020	MRB Group			1350	\$ 2,370.04	inv 35699, 35598 project manager labor 5/10/20-7/4/20				
9/9/2020	MRB Group			1355	\$ 945.16	inv 36069 project manager labor 7/6/20-8/4/20				
10/15/2020	MRB Group			1359	\$ 2,042.40	inv 36471, 36770 boiler room design 8/2/20-9/26/20				
11/18/2020	MRB Group				\$ 7,385.20	inv 37068 boiler room project manager labor 9/27/20-10/24/20				
12/23/2020	MRB Group				\$ 1,010.10	inv 37450 boiler room project manager labor 11/1/20-11/24/20				
1/27/2021	MRB Group		ap20		\$ 700.04	inv 37766 boiler room project manager labor 12/1/20-12/19/2021				
	Expended to date				\$ 14,452.94					
	Balance of Authorization				\$ 4,047.06					
Transfers from Capital Reserve/other funding sources:										
					\$ -					
					\$ -					
Total Transfers/other funding sources					\$ -					
Cash Balance					\$ (14,452.94)					
Project Allocation:										
Allocation per SJS Budget:		<u>Amount</u>	<u>Expended</u>	<u>Available</u>	<u>Status</u>					
Contracts										
MRB Group		18,500.00	14,452.94	4,047.06	Design					
Totals		18,500.00	14,452.94	4,047.06						

**Operator and Engineer's Report
SJC Meeting
10 FEBRUARY 2021**

1. Plant Maintenance & Operations

a. Behind the Meter Battery online

2. Facilities Maintenance & Operations

a. Grit removal and misc. improvements continuing

b. Flow monitoring/ I and I project continuing.

3. Staff Management

a. WWTP Operator/Trainee Kevin Kwiatkowski started 4 January.

b. WWTP Operator/Trainee Adam Bennett slated to start 22 March.

c. WWTP Operator/Trainee Trent Gardner resigned, will post for a replacement.

4. Reporting

5. Business, Long Term Development

Equipment	Usage(ft²) January	Usage(ft²) December	Usage(ft²) October	Usage(ft²) September	Usage(ft²) August	Usage(ft²) July	Usage(ft²) June
Micro-turbines	2,382,000	2,928,000	2,609,000	2,073,000	2,158,000	2,033,000	2,114,000
Boilers	20,000	0	13,000	12,000	0	108,000	0
Waste Flare	0	0	7,000	28,000	0	20,000	0
Total Biogas Produced	2,402,000	2,928,000	2,629,000	2,113,000	2,158,000	2,161,000	2,114,000

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF November , 2020

SPDES PERMIT NO. NY 0026638		FACILITY NAME Ithaca Area Wastewater Treatment Facility					FACILITY OWNER Ithaca (C) Ithaca (T) Dryden (T)						FACILITY IAWWTF					
Day	Date	Daily Precip in/day	VOLUME OF SEWAGE TREATED			TEMPERATURE (F)		pH (s.u.)				SETTLABLE SOLIDS (ml/l)		B.O.D.5 (mg/l)		SUSPENDED SOLIDS (mg/l)		
			Inst.Max. MGD	Daily Average MGD	Inst.Min. MGD	Influent (2)	Effluent (2)	Influent Minimum	Influent Maximum	Effluent Minimum	Effluent Maximum	Influent Maximum	Effluent Maximum	Influent Type	Effluent Type	Influent Type	Effluent Type	
Sun	01	0.00	7.90	5.19	2.30	65	64	7.6	7.7	7.6	7.6	8.0	<0.10					
Mon	02	0.15	8.50	5.200	2.30	64	64	7.7	7.8	7.7	7.9	8.8	<0.10	234	14	205	3	
Tue	03		8.20	4.95	1.90	64	64	7.7	7.8	7.8	8.0	12.7	<0.10	603	12	494	3	
Wed	04	0.00	7.30	5.05	1.80	66	64	7.6	7.9	7.8	7.8	10.3	<0.10					
Thu	05	0.00	8.00	4.71	1.70	65	65	7.7	8.2	7.7	7.8	12.7	<0.10					
Fri	06	0.00	8.50	4.96	2.00	65	65	7.7	7.8	7.7	7.8	11.2	<0.10					
Sat	07	0.00	8.00	4.338	2.00	66	64	7.6	7.7	7.5	7.8	9.3	<0.10					
Sun	08	0.00	7.00	4.337	1.50	65	64	7.4	7.5	7.4	7.6	9.9	<0.10					
Mon	09	0.00	7.80	4.516	1.60	66	64	7.5	7.8	7.5	7.6	11.2	<0.10	297	14	286	4	
Tue	10	0.00	6.90	4.521	2.10	66	65	7.6	8.2	7.7	8.0	12.5	<0.10	206	15	298	3	
Wed	11		12.50	6.895	2.50	65	66	7.4	7.6	7.6	7.7	10.0	<0.10					
Thu	12	0.81	9.50	5.368	2.00	63	64	7.6	8.1	7.7	7.8	8.8	<0.10					
Fri	13	0.00	8.90	4.614	1.80	62	63	7.8	8.2	7.6	8.0	9.5	<0.10					
Sat	14	0.00	7.60	4.842	1.50	61	63	7.5	7.6	7.6	7.7	28.8	<0.10					
Sun	15		8.40	5.160	2.30	62	62	7.6	7.9	7.5	8.0	5.8	<0.10					
Mon	16	0.29	7.60	4.630	2.10	63	62	7.7	8.1	7.8	7.9	15.0	<0.10	246	8	328	4	
Tue	17		8.20	4.761	1.70	62	63	7.7	8.0	7.7	7.8	11.7	<0.10	95	8	185	4	
Wed	18	0.12	7.90	4.943	2.30	62	62	7.7	7.9	7.7	7.9	18.0	<0.10					
Thu	19	0.05	8.00	4.973	2.30	61	61	7.7	8.2	7.8	7.9	12.5	<0.10					
Fri	20	0.00	7.80	4.718	2.00	62	62	7.7	7.9	7.7	7.8	11.2	<0.10					
Sat	21	0.00	6.50	4.096	1.20	63	62	7.5	7.6	7.6	7.8	7.8	<0.10					
Sun	22	0.00	6.90	4.516	1.60	60	61	7.7	7.8	7.6	7.6	5.7	<0.10					
Mon	23	0.23	7.50	4.657	1.50	61	61	7.6	7.7	7.6	7.7	8.3	<0.10	275	32	391	3	
Tue	24	0.00	7.00	4.32	1.50	61	61	7.7	7.8	7.8	7.8	8.3	<0.10	190	10	174	3	
Wed	25	0.00	8.20	5.415	3.00	61	60	7.5	8.3	7.5	7.8	10.7	<0.10					
Thu	26	0.58	9.10	5.525	2.60	61	60	7.6	7.7	7.6	7.6	4.7	<0.10					
Fri	27	0.05	7.60	4.806	2.00	60	60	7.6	7.8	7.6	7.6	5.8	<0.10					
Sat	28		7.00	4.416	1.80	61	60	7.5	7.6	7.4	7.5	5.6	<0.10					
Sun	29		7.00	4.721	2.00	60	59	7.5	7.6	7.4	7.5	5.5	<0.10	117	9	137	3	
Mon	30	0.03	9.40	5.772	2.80	61	58	7.6	8.0	7.6	7.7	8.5	<0.10	111	11	133	4	
		Total Precip 2.31	Monthly 4.897			Monthly 63	Average 62	Monthly 7.4 8.3 7.4 8.0				Monthly 28.8	Monthly <0.10	30 day arithmetic mean (1) 237 13		30 day arithmetic mean (1) 263 3		
		Monthly Total 146.908												94	%Rem	99	%Rem	
														30 Day Avg Quantity Loading (1)	9,472 lbs/day	531 lbs/day	10,454 lbs/day	137 lbs/day

(1) Refer to January 1994 edition of *Dmr Manual for Completing the Discharge Monitoring Report for the National Pollutant Discharge Elimination System (NPDES)* for procedures to calculate loadings, arithmetic mean, geometric mean, maximum, minimum, percent removal, etc.

(2) If temperature is measured more than once a day, report the average for the day.

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, pH and settleable solids is grab

FACILITY MAILING ADDRESS (Street, City, State, Zip Code)					TELEPHONE NUMBER		CHIEF OPERATOR'S NAME		CERTIFICATION GRADE
525 Third Street, Ithaca N.Y. 14850					(607) 273-8381		CJ Kilgore		4 - A
Day	Date	TOTAL PHOSPHORUS(mg/l)		PHOS TMRA Eff	CHLORINE RESIDUAL Effluent mg/l		FECAL COLIFORM Effluent MF or MPN/100ml	REMARKS Enter any other comments, observations, operating problems, equipment failure, etc.	
		Influent Type	Effluent Type		Pre-SO2	Post SO2			
Sun	01				0.70	0.060			
Mon	02	4.51	0.07		0.53	0.060	20		
Tue	03	9.71	0.08		0.42	0.020	19		
Wed	04				0.37	0.030			
Thu	05				0.38	0.020			
Fri	06				0.41	0.040			
Sat	07				0.38	0.010			
Sun	08				0.54	0.020			
Mon	09	6.22	0.09		0.58	0.030	6		
Tue	10	6.08	0.07		0.52	0.040	4		
Wed	11				0.37	0.060			
Thu	12				0.43	0.020			
Fri	13				0.51	0.010			
Sat	14				0.65	0.010			
Sun	15				0.43	0.030			
Mon	16	6.47	0.10		0.39	0.020	12		
Tue	17	4.10	0.11		0.37	0.030	11		
Wed	18				0.45	0.030			
Thu	19				0.22	0.010			
Fri	20				0.29	0.040			
Sat	21				0.45	0.030			
Sun	22				0.58	0.070			
Mon	23	5.90	0.05		0.49	0.040	1		
Tue	24	4.04	0.04		0.41	0.020	3		
Wed	25				0.25	0.060			
Thu	26				0.46	0.020			
Fri	27				0.57	0.000			
Sat	28				0.56	0.030			
Sun	29	3.19	0.06		0.49	0.040			
Mon	30	2.86	0.04		0.53	0.020	3		
		30 day arithmetic mean (1) Influent(mg/l) Effluent(mg/l)		TMRA Eff	Monthly Minimum(1) Maximum(1)		30 Day Geo. Mean (1)		
		5.31	0.07		0.22	0.070	6		
		211.02	2.83	12.05					
		lbs/day	lbs/day	lbs/day					

(1) Refer to January 1994 edition of Dmr Manual for Completing the Discharge Monitoring Report for the National Pollutant Discharge Elimination System (NPDES) for procedures to calculate loadings, arithmetic mean, geometric mean, maximum, minimum, percent removal, etc.

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for chlorine residual and fecal coliform is grab.

		NON-CONVENTIONAL POLLUTANTS NY0026638																		
		SEMI-VOLATILE ORGANICS										METALS								
		TKN mg/l Sample	TKN mg/l Type	AMM mg/l Sample	AMM mg/l Type	TRI ug/l Sample	TETRA ug/l Sample	CHLORO ug/l Sample	1,2 TRANS ug/l Sample	METH ug/l Sample	PHTHAL ug/l Sample	Ca mg/l Sample	Ca mg/l Sample	Cu mg/l Sample	Cu mg/l Sample	Pb mg/l Sample	Ni mg/l Sample	Ag mg/l Sample	Zn mg/l Sample	
Day	Date	Influent	Effluent	Influent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Influent	Effluent	Influent	Effluent	Effluent	Effluent	Effluent	Effluent	
Sun	01																			
Mon	02																			
Tue	03																			
Wed	04	127.0	33.0	120.0	50.7	<1.0	<1.0	2.4	<1.0	<5.0		<0.020	<0.020	0.493	<0.020					
Thu	05																			
Fri	06																			
Sat	07																			
Sun	08																			
Mon	09																			
Tue	10																			
Wed	11																			
Thu	12																			
Fri	13																			
Sat	14																			
Sun	15																			
Mon	16																			
Tue	17																			
Wed	18																			
Thu	19																			
Fri	20																			
Sat	21																			
Sun	22																			
Mon	23																			
Tue	24																			
Wed	25																			
Thu	26																			
Fri	27																			
Sat	28																			
Sun	29																			
Mon	30																			
30 day arithmetic mean (1)		127.00 mg/l	33.00 mg/l	120.00 mg/l	50.70 mg/l	<1.0 ug/l	<1.0 ug/l	2.4 ug/l	<1.0 ug/l	<5.0 ug/l	ug/l	<0.020 mg/l	<0.020 mg/l	0.493 mg/l	<0.020 mg/l	mg/l	mg/l	mg/l	mg/l	
30 Day Aver. Quantity Loading (1)		5,346.7 lbs/day	1,389.3 lbs/day	5,052.0 lbs/day	2,134.5 lbs/day	<0.042 lbs/day	<0.042 lbs/day	0.101 lbs/day	<0.042 lbs/day	<0.211 lbs/day	lbs/day	<0.84 lbs/day	<0.84 lbs/day	20.76 lbs/day	<0.84 lbs/day	lbs/day	lbs/day	lbs/day	lbs/day	

(1) Refer to January 1994 edition of DMR Manual for Completing the Discharge Monitoring Report for the National Pollutant Discharge Elimination System (NPDES) for procedures to calculate loading, arithmetic mean, geometric mean, maximum, minimum, percent removal, etc.

Effect on Receiving Stream

NAME OF RECEIVING STREAM			
DATE	STATION	PARAMETER	RESULT

Name and amount of chemicals used in treatment

Process during month:

a. Sodium Hypochlorite	2,499	gal.
b. Sulfur Dioxide	826	lbs.
c. Ferrous Chloride	3,176	gal.
d. Polymer (Pressing)		lbs.
e. Ferric Chloride	8569	gal.
f. Polymer (Actiflo)		gal.

Amount of electrical power consumed:

a. Commercial	262,800	kw.hrs.
b. Stand-by		kw.hrs.

Amount of fuel consumed:

a. Natural gas	991,800	cubic ft.
b. Oil		gallons
c. Gasoline		gallons
d. Coal		tons
e. Digester Gas	2,702,000	cubic ft.
f. Propane		gallons

Sludge removal from plant:

a. Amount	69.6	Dry Tons
b. Solid Content	21.4	%
c. Volatile Solids Content	63.0	%

d. Disposal site:

Seneca Meadows Landfill, Waterloo, NY, 13165
Ontario Cty. Landfill, Stanley, NY, 14561

Other Solid Wastes:

a. Screenings	14	YARDS
b. Grit	<u>Combined amt. with screenings</u>	
c. Ashes		tons

d. _____
e. _____
f. _____

g. Disposal Site:

Seneca Meadows Landfill, Waterloo, NY 13165
Ontario Cty. Landfill, Stanley, NY, 14561
Chemung Cty. Landfill, Lowman, NY, 14861

Digester Gas Wasted 9,000 cubic feet

TRUCKED WASTE RECEIVED THIS MONTH

1. Septage, holding tank waste and portable toilet waste		
	Total	Max day
Volume (gallons)	429,179	
2. All other wastes		
	Total	Max day
Volume (gallons)	929,771	
3. Number of Part 364 haulers currently approved to transport wastes to this POTW		
a. Septage, etc.	13	
b. All others	3	

Labor expended:

POSITION NAME	NUMBER FULL TIME	NUMBER PART TIME	TOTAL HOURS
Chief Operator	1	0	168.0
Assistant Chief Operator	0	0	
Operator	5	0	832.0
Operator-Trainee	3	0	512.0
Laboratory Director	1	0	168.0
Laboratory Technician	1	0	168.0
Administrative Assistant	1	0	168.0
Interns	0	0	
Maintenance Worker	1		168

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

[Signature] CJ Kilgane Chief Operator 17 DEC 2020
Signature of Chief Operator or Designated Facility Representative

DIVISION OF WATER

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF December, 2020

SPDES PERMIT NO. NY 0026638		FACILITY NAME Ithaca Area Wastewater Treatment Facility				FACILITY OWNER Ithaca (C) Ithaca (T) Dryden (T)				FACILITY IAWWTF									
Day	Date	Daily Precip in/day	VOLUME OF SEWAGE TREATED			TEMPERATURE (F)		pH (s.u.)				SETTLABLE SOLIDS (ml/l)		B.O.D.5 (mg/l)		SUSPENDED SOLIDS (mg/l)			
			Inst.Max. MGD	Daily Average MGD	Inst.Min. MGD	Influent (2)	Effluent (2)	Influent Minimum	Influent Maximum	Effluent Minimum	Effluent Maximum	Influent Maximum	Effluent Maximum	Influent Type	Effluent Type	Influent Type	Effluent Type		
Tue	01	0.31	9.60	6.21	3.00	60	60	7.8	7.9	7.6	7.7	10.7	<0.10						
Wed	02	0.19	9.10	5.543	2.50	59	58	7.7	8.0	7.7	7.9	6.7	<0.10						
Thu	03	0.01	6.60	5.28	2.30	60	58	7.7	7.8	7.7	7.8	6.3	<0.10						
Fri	04	0.00	9.20	5.13	2.00	60	59	7.6	7.7	7.8	7.9	6.3	<0.10						
Sat	05	0.00	6.90	4.40	2.20	59	59	7.6	7.6	7.6	7.7	5.2	<0.10						
Sun	06	0.07	7.00	4.56	2.00	60	58	7.6	7.6	7.5	7.6	6.9	<0.10						
Mon	07		7.30	4.767	2.70	58	57	7.8	8.3	7.9	7.9	8.7	<0.10						
Tue	08	0.03	8.10	3.404	2.00	59	58	7.6	7.9	7.5	8.1	11.5	<0.10						
Wed	09	0.05	7.30	5.183	2.60	58	57	7.6	7.7	7.7	7.9	7.7	<0.10	162	8	140	4		
Thu	10	0.13	8.80	5.214	2.50	59	58	7.8	7.9	7.5	7.7	7.2	<0.10	187	7	144	4		
Fri	11	0.00	7.90	4.715	1.90	60	57	7.6	8.2	7.5	7.7	13.7	<0.10						
Sat	12	0.00	6.60	4.147	1.80	58	58	7.5	7.8	7.5	7.9	4.3	<0.10						
Sun	13		6.50	4.189	1.60	58	58	7.7	7.7	7.5	7.6	5.5	<0.10						
Mon	14		7.00	4.208	1.50	60	58	7.5	8.2	7.5	7.7	18.3	<0.10	189	9	184	4		
Tue	15	0.02	7.00	4.053	1.50	57	57	7.6	7.9	7.6	7.8	9.3	<0.10	183	9	192	4		
Wed	16	0.02	7.00	4.026	1.60	58	56	7.7	7.8	7.7	7.8	8.8	<0.10						
Thu	17	1.20	6.10	3.899	2.00	58	57	7.5	7.7	7.6	7.7	7.3	<0.10						
Fri	18	0.00	9.40	3.929	1.20	56	56	7.7	8.2	7.6	7.8	10.0	<0.10						
Sat	19		9.00	4.106	1.80	56	55	7.2	7.7	7.6	7.8	16.0	<0.10						
Sun	20	0.01	6.00	4.070	2.00	56	55	7.6	7.7	7.6	7.8	6.7	<0.10						
Mon	21	0.19	6.70	4.520	2.00	57	56	7.6	7.7	7.6	7.8	9.5	<0.10	160	6	312	4		
Tue	22		6.30	4.758	2.50	57	56	7.7	7.8	7.3	7.5	7.2	<0.10	153	4	160	4		
Wed	23	0.01	7.30	4.833	3.00	56	55	7.8	7.9	7.6	7.6	4.9	<0.10						
Thu	24	0.00	32.00	17.91	4.90	57	58	7.7	8.0	7.5	7.6	9.2	<0.10						
Fri	25	1.45	22.50	14.140	9.00	54	57	7.6	7.6	7.5	7.6	1.0	<0.10						
Sat	26	0.07	12.30	9.076	7.30	55	54	7.6	7.7	7.7	7.7	0.7	<0.10						
Sun	27		10.00	7.438	5.80	55	53	7.5	7.7	7.7	7.7	5.3	<0.10						
Mon	28	0.01	11.50	6.803	3.90	58	53	7.6	7.6	7.4	7.6	3.3	<0.10	141	7				
Tue	29		9.00	6.213	3.50	55	53	7.6	8.2	7.6	7.8	14.6	<0.10	132	4	154	6		
Wed	30		14.60	5.832	2.20	56	53	7.5	7.7	7.6	7.8	5.5	<0.10			121	3		
Thu	31	0.02	8.50	5.644	2.50	55	53	7.6	8.1	7.5	7.6	6.9	<0.10						
		Total Precip 3.79	Monthly 5.748			Monthly Average Influent 58 Effluent 56		Monthly Influent Minimum 7.2 Maximum 8.3 Effluent Minimum 7.3 Maximum 8.1				Monthly Maximum 18.3	Monthly Maximum <0.10	30 day arithmetic mean (1) Inf.(mg/l) 163 Eff.(mg/l) 7		30 day arithmetic mean (1) Inf.(mg/l) 176 Eff.(mg/l) 4			
		Monthly Total 178.193										30 Day Avg Quantity Loading (1)		6,862 lbs/day	282 lbs/day	7,155 lbs/day	174 lbs/day		

(1) Refer to January 1994 edition of *Dmr Manual for Completing the Discharge Monitoring Report for the National Pollutant Discharge Elimination System (NPDES)* for procedures to calculate loadings, arithmetic mean, geometric mean, maximum, minimum, percent removal, etc.

(2) If temperature is measured more than once a day, report the average for the day.

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, pH and settleable solids is grab

FACILITY MAILING ADDRESS (Street, City, State, Zip Code)					TELEPHONE NUMBER		CHIEF OPERATOR'S NAME		CERTIFICATION GRADE
525 Third Street, Ithaca N.Y. 14850					(607) 273-8381		CJ Kilgore		4 - A
Day	Date	TOTAL PHOSPHORUS(mg/l)		PHOS	CHLORINE RESIDUAL		FECAL COLIFORM		REMARKS
		Influent Type	Effluent Type	TMRA Eff	Pre-SO2	Post SO2	MF or MPN/100ml	Effluent	
Tue	01				0.33	0.040	28		Enter any other comments, observations, operating problems, equipment failure, etc.
Wed	02				0.49	0.030			
Thu	03				0.34	0.010			
Fri	04				0.39	0.050			
Sat	05				0.35	0.020			
Sun	06				0.62	0.050			
Mon	07				0.46	0.030			
Tue	08				0.52	0.060	2		
Wed	09	3.79	0.10		0.48	0.020	17		
Thu	10	3.84	0.06		0.46	0.040			
Fri	11				0.36	0.070			
Sat	12				0.71	0.040			
Sun	13				0.68	0.040			
Mon	14				0.60	0.030	6		
Tue	15	3.63	0.03		0.60	0.030	10		
Wed	16	4.80	0.07		0.51	0.050			
Thu	17				0.70	0.030			
Fri	18				0.75	0.040			
Sat	19				0.92	0.010			
Sun	20				0.83	0.030			
Mon	21				0.54	0.010			
Tue	22	3.66	0.10		0.57	0.020	9		
Wed	23	3.25	0.10		0.49	0.050	16		
Thu	24				0.50	0.040			
Fri	25				0.23	0.010			
Sat	26				0.33	0.010			
Sun	27				0.41	0.040			
Mon	28				0.47	0.050			
Tue	29	2.28	0.10		0.55	0.020	23		
Wed	30	2.72	0.12		0.61	0.040	17		
Thu	31				0.56	0.070			
		30 day arithmetic mean (1) Influent(mg/l) Effluent(mg/l)		TMRA Eff	Monthly Minimum(1) Maximum(1)		30 Day Geo. Mean (1)		
		3.50 0.09			0.23 0.070		11		
		142.67 3.66		11.77					
		lbs/day lbs/day		lbs/day					

(1) Refer to January 1994 edition of Dmr Manual for Completing the Discharge Monitoring Report for the National Pollutant Discharge Elimination System (NPDES) for procedures to calculate loadings, arithmetic mean, geometric mean, maximum, minimum, percent removal, etc.

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for chlorine residual and fecal coliform is grab.

		NON-CONVENTIONAL POLLUTANTS NY0026638																		
		SEMI-VOLATILE ORGANICS										METALS								
		TKN mg/l Sample	TKN mg/l Type	AMM mg/l Sample	AMM mg/l Type	TRI ug/l Sample	TETRA ug/l Sample	CHLORO ug/l Sample	1,2 TRANS ug/l Sample	METH ug/l Sample	PHTHAL ug/l Sample	Ca mg/l Sample	Ca mg/l Sample	Cu mg/l Sample	Cu mg/l Sample	Pb mg/l Sample	Ni mg/l Sample	Ag mg/l Sample	Zn mg/l Sample	
Day	Date	Influent	Effluent	Influent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Influent	Effluent	Influent	Effluent	Effluent	Effluent	Effluent	Effluent	
Tue	01																			
Wed	02																			
Thu	03																			
Fri	04																			
Sat	05																			
Sun	06																			
Mon	07																			
Tue	08																			
Wed	09																			
Thu	10																			
Fri	11																			
Sat	12																			
Sun	13																			
Mon	14																			
Tue	15																			
Wed	16	45.0	30.9	48.5	32.0	<1.0	<1.0	2.2	<1.0	<5.0		<0.020	<0.020	0.250	0.040					
Thu	17																			
Fri	18																			
Sat	19																			
Sun	20																			
Mon	21																			
Tue	22																			
Wed	23																			
Thu	24																			
Fri	25																			
Sat	26																			
Sun	27																			
Mon	28																			
Tue	29																			
Wed	30																			
Thu	31																			
30 day arithmetic mean (1)		45.00 mg/l	30.90 mg/l	48.50 mg/l	32.00 mg/l	<1.0 ug/l	<1.0 ug/l	2.2 ug/l	<1.0 ug/l	<5.0 ug/l	ug/l	<0.020 mg/l	<0.020 mg/l	0.250 mg/l	0.040 mg/l	mg/l	mg/l	mg/l	mg/l	
30 Day Aver. Quantity Loading (1)		1,511.0 lbs/day	1,037.5 lbs/day	1,628.5 lbs/day	1,074.5 lbs/day	<0.034 lbs/day	<0.034 lbs/day	0.074 lbs/day	<0.034 lbs/day	<0.168 lbs/day	lbs/day	<0.67 lbs/day	<0.67 lbs/day	8.39 lbs/day	1.34 lbs/day	lbs/day	lbs/day	lbs/day	lbs/day	

(1) Refer to January 1994 edition of DMR Manual for Completing the Discharge Monitoring Report for the National Pollutant Discharge Elimination System (NPDES) for procedures to calculate loading, arithmetic mean, geometric mean, maximum, minimum, percent removal, etc.

Effect on Receiving Stream

NAME OF RECEIVING STREAM			
DATE	STATION	PARAMETER	RESULT

Name and amount of chemicals used in treatment

- Process during month:
- a. Sodium Hypochlorite 2728 gal.
 - b. Sulfur Dioxide 784 lbs.
 - c. Ferrous Chloride 2414 gal.
 - d. Polymer (Pressing) _____ lbs.
 - e. Ferric Chloride 6424 gal.
 - f. Polymer (Actiflo) _____ gal.
- Amount of electrical power consumed:
- a. Commercial 302,400 kw.hrs.
 - b. Stand-by _____ kw.hrs.
- Amount of fuel consumed:
- a. Natural gas 1,403,100 cubic ft.
 - b. Oil _____ gallons
 - c. Gasoline _____ gallons
 - d. Coal _____ tons
 - e. Digester Gas 2,335,000 cubic ft.
 - f. Propane _____ gallons

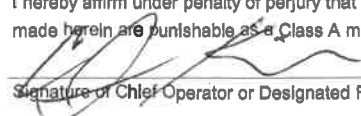
- Sludge removal from plant:
- a. Amount 90.7 Dry Tons
 - b. Solid Content 21.5 %
 - c. Volatile Solids Content 61.2 %
 - d. Disposal site :
Seneca Meadows Landfill, Waterloo, NY, 13165
Ontario Cty. Landfill, Stanley, NY, 14561
- Other Solid Wastes:
- a. Screenings _____ YARDS
 - b. Grit Combined amt. with screenings
 - c. Ashes _____ tons
 - d. _____
 - e. _____
 - f. _____
 - g. Disposal Site:
Seneca Meadows Landfill, Waterloo, NY 13165
Ontario Cty. Landfill, Stanley, NY, 14561
Chemung Cty. Landfill, Lowman, NY, 14861
Digester Gas Wasted 0 cubic feet

TRUCKED WASTE RECEIVED THIS MONTH		
1. Septage, holding tank waste and portable toilet waste		
	Total	Max day
Volume (gallons)	333,773	
2. All other wastes		
	Total	Max day
Volume (gallons)	1,249,906	
3. Number of Part 364 haulers currently approved to transport wastes to this POTW		
a. Septage, etc.	13	
b. All others	3	

Labor expended:

POSITION NAME	NUMBER FULL TIME	NUMBER PART TIME	TOTAL HOURS
Chief Operator	1	0	184.0
Assistant Chief Operator	0	0	
Operator	5	0	920.0
Operator-Trainee	3	0	536.0
Laboratory Director	1	0	184.0
Laboratory Technician	1	0	184.0
Administrative Assistant	1	0	184.0
Interns	0	0	
Maintenance Worker	1		184

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

 Chief Operator 27 JAN 2021

Signature of Chief Operator or Designated Facility Representative