

# ITHACA AREA WASTEWATER TREATMENT FACILITY

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TOWN OF ITHACA

CITY OF ITHACA

TOWN OF DRYDEN, OWNERS

525 THIRD STREET  
ITHACA, NEW YORK 14850  
(607) 273-8381  
FAX (607) 273-8433

Special Joint Committee  
Wednesday, June 19, 2019 1:00pm

- 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
- 6) Presentation/Discussion Items
  - a) Monitoring Station Update – *Chris Kianka LECTRE (10 min)*
  - b) Audit of consumption data update – *Erik Whitney*
  - c) Right to IAWWTF Disclosure Ordinance update/request for comment
  - d) Collins/EthosGen update – *Erik Whitney*
  - e) Meeting of the Six Parties, [Joint Sewer Agreement, Plant to Plant Agreement, Intermunicipal Agreement](#) – *Bill Goodman, Cynthia Brock*
    - i) Intermunicipal Infiltration & Inflow Study– *Erik Whitney, Cynthia Brock*
- 7) Announcements / Other Business
- 8) Adjournment

Upcoming Meeting Dates: ~~July 17~~, August 21, September 18

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 May 31, 2019  
 6/13/2019

| <b>Revenues:</b> |                                     |                     |                     |                           |               |  |  |
|------------------|-------------------------------------|---------------------|---------------------|---------------------------|---------------|--|--|
| <b>JB150</b>     |                                     |                     |                     |                           |               |  |  |
| Account #        | Description                         | Budget              | Actual              | Excess or<br>(Deficiency) | %<br>Rec'd    |  |  |
| 2373             | Septage Service Other               | \$ 420,000          | \$ 109,185          | \$ (310,815)              | 26.00%        |  |  |
| 2374             | Sewer Service Other Govt's          | \$ 2,824,544        | \$ 1,401,124        | \$ (1,423,420)            | 49.61%        |  |  |
| 2392             | Debt Service Other Govt's           | \$ 896,696          | \$ -                | \$ (896,696)              | 0.00%         |  |  |
| 2401             | Interest & Earnings                 | \$ 3,000            | \$ -                | \$ (3,000)                | 0.00%         |  |  |
| 2665             | Sale of Equipment                   | \$ 3,000            | \$ 518              | \$ (2,482)                | 17.27%        |  |  |
| 2680             | Insurance Recoveries                | \$ -                | \$ -                | \$ -                      |               |  |  |
| 2701             | Refund of Prior Year Expense        | \$ -                | \$ -                | \$ -                      |               |  |  |
| 2705             | Gifts and Donations                 | \$ -                | \$ -                | \$ -                      |               |  |  |
| 2770             | Unclassified Revenue                | \$ 1,500            | \$ -                | \$ (1,500)                | 0.00%         |  |  |
|                  | <b>Total Revenues as of 5/31/19</b> | <b>\$ 4,148,740</b> | <b>\$ 1,510,827</b> | <b>\$ (2,637,913)</b>     | <b>36.42%</b> |  |  |

IAWWTF  
Approved Budget and Actual Activity  
As of May 31, 2019  
6/13/2019

| <b>Expenditures:</b>   |                                   |              |              |                   |         |  |  |
|--|-----------------------------------|--------------|--------------|-------------------|---------|--|--|
| <b>J8150</b>   |                                   |              |              |                   |         |  |  |
| Account #  | Description                       | Budget       | Actual       | Available Balance | % Used  |  |  |
| <b>Operations:</b>   |                                   |              |              |                   |         |  |  |
| 1920   | Municipal Association Dues        | \$ 1,119     | \$ -         | \$ 1,119          | 0.00%   |  |  |
| 1990   | Contingency Account               | \$ 20,000    | \$ -         | \$ 20,000         | 0.00%   |  |  |
| 5105   | Administration Salaries           | \$ 69,255    | \$ 27,608    | \$ 41,647         | 39.86%  |  |  |
| 5110   | Staff Salaries                    | \$ 813,202   | \$ 273,269   | \$ 539,933        | 33.60%  |  |  |
| 5115   | Hourly F/T                        | \$ 38,197    | \$ 13,352    | \$ 24,845         | 34.96%  |  |  |
| 5120   | Hourly P/T                        | \$ 25,000    | \$ 26,188    | \$ (1,188)        | 104.75% |  |  |
| 5125   | Overtime                          | \$ 22,000    | \$ 5,107     | \$ 16,893         | 23.21%  |  |  |
| 5210   | Office Equipment                  | \$ -         | \$ -         | \$ -              | 0.00%   |  |  |
| 5215   | Motor Vehicles                    | \$ 30,000    | \$ -         | \$ 30,000         | 0.00%   |  |  |
| 5225   | Other Equipment                   | \$ 30,000    | \$ -         | \$ 30,000         | 0.00%   |  |  |
| 5405   | Telephone                         | \$ 6,200     | \$ 2,227     | \$ 3,973          | 35.92%  |  |  |
| 5410   | Utilities                         | \$ 283,000   | \$ 78,590    | \$ 204,410        | 27.77%  |  |  |
| 5415   | Clothing                          | \$ 6,500     | \$ 2,879     | \$ 3,621          | 44.29%  |  |  |
| 5420   | Gas & Oil                         | \$ 10,000    | \$ 2,122     | \$ 7,878          | 21.22%  |  |  |
| 5425   | Office Expense                    | \$ 2,000     | \$ 326       | \$ 1,674          | 16.30%  |  |  |
| 5430   | Fees                              | \$ 115,000   | \$ 6,928     | \$ 108,072        | 6.02%   |  |  |
| 5435   | Contracts                         | \$ 185,000   | \$ 45,846    | \$ 139,154        | 24.78%  |  |  |
| 5436   | Overhead Charge City General Fund | \$ 189,790   | \$ -         | \$ 189,790        | 0.00%   |  |  |
| 5440   | Staff Development                 | \$ 18,000    | \$ 7,897     | \$ 10,103         | 43.87%  |  |  |
| 5450   | Advertising                       | \$ 200       | \$ -         | \$ 200            | 0.00%   |  |  |
| 5455   | Insurance                         | \$ 128,000   | \$ 137,338   | \$ (9,338)        | 107.30% |  |  |
| 5475   | Property Maintenance              | \$ -         | \$ -         | \$ -              | 0.00%   |  |  |
| 5476   | Equipment Maintenance             | \$ -         | \$ -         | \$ -              | 0.00%   |  |  |
| 5477   | Equipment Parts                   | \$ 100,000   | \$ 45,765    | \$ 54,235         | 45.77%  |  |  |
| 5479   | Vehicle Maintenance               | \$ 2,000     | \$ -         | \$ 2,000          | 0.00%   |  |  |
| 5480   | Building Maintenance Supplies     | \$ 22,000    | \$ 1,492     | \$ 20,508         | 6.78%   |  |  |
| 5494   | Safety Materials & Supplies       | \$ 6,000     | \$ 1,234     | \$ 4,766          | 20.57%  |  |  |
| 5495   | Treatment Supplies                | \$ 402,000   | \$ 167,973   | \$ 234,027        | 41.78%  |  |  |
| 5496   | Lab Supplies                      | \$ 84,000    | \$ 62,584    | \$ 21,416         | 74.50%  |  |  |
| 5499   | Sludge Disposal Fees              | \$ 320,000   | \$ 80,103    | \$ 239,897        | 25.03%  |  |  |
| 5700   | Prior Year Encumbrances           | \$ -         | \$ -         | \$ -              | 0.00%   |  |  |
| 5720   | Prior Year Equipment              | \$ 28,975    | \$ 28,975    | \$ -              | 0.00%   |  |  |
|  | Sub-Totals                        | \$ 2,957,438 | \$ 1,017,803 | \$ 1,939,635      | 34.42%  |  |  |
| <b>Benefits:</b>   |                                   |              |              |                   |         |  |  |
| 9010   | State Retirement                  | \$ 110,925   | \$ -         | \$ 110,925        | 0.00%   |  |  |
| 9030   | Social Security                   | \$ 74,026    | \$ 26,618    | \$ 47,408         | 35.96%  |  |  |
| 9040   | Workers Compensation              | \$ 29,160    | \$ 5,639     | \$ 23,521         | 19.34%  |  |  |
| 9050   | Unemployment Insurance            | \$ -         | \$ -         | \$ -              | 0.00%   |  |  |
| 9060   | Health Insurance                  | \$ 354,620   | \$ 204,876   | \$ 149,744        | 57.77%  |  |  |
| 9070   | Dental Insurance                  | \$ 3,200     | \$ 1,745     | \$ 1,455          | 54.53%  |  |  |
| 9080   | Day Care Assistance               | \$ 250       | \$ -         | \$ 250            | 0.00%   |  |  |
| 9089   | Employee Tuition                  | \$ 1,400     | \$ -         | \$ 1,400          | 0.00%   |  |  |
|  | Sub-Totals                        | \$ 573,581   | \$ 238,878   | \$ 334,703        | 41.65%  |  |  |
| <b>Debt Service</b>  |                                   |              |              |                   |         |  |  |
| 9710   | Serial Bonds                      | \$ 428,702   | \$ 424,162   | \$ 4,540          | 98.94%  |  |  |
| 9711   | Interest on Serial Bonds          | \$ 357,057   | \$ 179,617   | \$ 177,440        | 50.30%  |  |  |
| 9730   | BANS                              | \$ 35,556    | \$ -         | \$ 35,556         | 0.00%   |  |  |
| 9731   | Interest on BANS                  | \$ 75,381    | \$ 6,834     | \$ 68,547         | 9.07%   |  |  |
|  | Sub-Totals                        | \$ 896,696   | \$ 610,613   | \$ 286,083        | 68.10%  |  |  |
| <b>Interfund Transfers</b>                                     |                                   |              |              |                   |         |  |  |
| 9951   | Transfer to Capital Reserves      | \$ -         | \$ -         | \$ -              | 0.00%   |  |  |
|  | Sub-Totals                        | \$ -         | \$ -         | \$ -              | 0.00%   |  |  |
| <b>Total All Expenditures as of 5/31/19</b>                    |                                   | \$ 4,427,715 | \$ 1,867,294 | \$ 2,560,421      | 42.17%  |  |  |
| <b>Surplus(deficit) as of 5/31/19</b>                          |                                   | \$ (278,975) | \$ (356,467) | \$ (77,492)       |         |  |  |
| *\$250,000 was appropriated from Fund Balance surplus for 2019 |                                   |              |              |                   |         |  |  |

| <b>Capital Activity:</b>      |   | Status   | Current<br>Cash Balance | Current<br>Auth Balance        | Original<br>Authorization | Expended<br>To date     | Expended<br>This Period | Funded<br>Amount        | Comment   |
|-------------------------------|---|----------|-------------------------|--------------------------------|---------------------------|-------------------------|-------------------------|-------------------------|---|
| Account #                     | Capital Reserves:                               |          |                         |                                |                           |                         |                         |                         |   |
| J1                            | Capital Reserve Balance                         |          | \$ 250,023.00           |                                |                           |                         |                         |                         |   |
| <b>Capital Projects:</b>      |   |          |                         |                                |                           |                         |                         |                         |   |
| 409J                          | Phosphorus Removal Improvements                 | To close | \$ 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   | \$ 2,679.99             | \$ 2,679.99                    | \$ 102,927                | \$ 100,247.01           | \$ 1,120.00             | \$ 102,927.00           | 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                         | Active   | \$ (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         | Active   | \$ 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   | \$ 23,675.24            | \$ 72,675.24                   | \$ 3,953,563              | \$ 3,880,887.76         | \$ -                    | \$ 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     | To close | \$ (48,960.00)          | \$ -                           | \$ 148,960                | \$ 148,960.00           | \$ -                    | \$ 148,960.00           | Authorized, funded from NYSERDA Grant                         |
| 422J                          | IAWWTF Design for Various Improvements to Plant | Active   | \$ 7,193,675.00         | \$ 7,193,675.00                | \$ 7,624,175              | \$ 430,500.00           | \$ -                    | \$ 7,624,175.00         | Authorized, capital reserve funding/Bonds                     |
| <b>Total Capital Projects</b> |   |          | <b>\$ 7,742,946.20</b>  | <b>\$ 7,919,049.40</b>         | <b>\$ 30,366,098.00</b>   | <b>\$ 22,871,139.60</b> | <b>\$ 1,120.00</b>      | <b>\$ 29,703,098.00</b> |   |
| <b>Fund Balance:</b>          |   |          | <b>Amount</b>           |                                |                           |                         |                         |                         |   |
| 12/31/2015                    | Capital Reserves                                |          | \$ 714,520              |                                |                           |                         |                         |                         |   |
|                               | Assigned  |          | \$ 160,665              |                                |                           |                         |                         |                         |   |
|                               | Unassigned                                      |          | \$ 1,234,482            |                                |                           |                         |                         |                         |   |
|                               | <b>Total Fund Balance</b>                       |          | <b>\$ 2,109,667</b>     |                                |                           |                         |                         |                         |   |
| 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            |                                |                           |                         |                         |                         |   |
|                               | <b>Total Fund Balance</b>                       |          | <b>\$ 2,008,093</b>     |                                |                           |                         |                         |                         |   |
| 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            |                                |                           |                         |                         |                         |   |
|                               | <b>Total Fund Balance</b>                       |          | <b>\$ 1,915,229</b>     |                                |                           |                         |                         |                         |   |

City of Ithaca  
IAWWTP  
Summary of CP 414J  
6/13/2019

| IAWWTP Flow Meter Stations Rehabilitation CP 414J |                              |              |              |              |   |   |                          |
|---|------------------------------|--------------|--------------|--------------|---|---|--------------------------|
| Authorizations:                                   |                              |              |              |              |   | Amount  | Source                   |
| 6/2/2004  | CC regular Meeting           |              |              |              |   | \$ 100,000.00   | Capital Reserve J1/Bonds |
| 12/9/2017   | CC regular Meeting           |              |              |              |   | \$ 2,927.00   | Capital Reserve J1/Bonds |
| Total Authorization                               |                              |              |              |              |   | \$ 102,927.00   |                          |
| Expenditures:                                     |                              |              |              |              |   |   |                          |
| Date  | Payee                        | PO           | Voucher      | Amount       | Comments  |   |                          |
| 10/17/2007  | Dataflow                     |              | 1024         | \$ 123.00    | inv 40209 for bid documents                                       |   |                          |
| 10/24/2007  | Dataflow                     |              | 1025         | \$ 73.30     | inv 40347 for additional documents                                |   |                          |
| 11/15/2007  | Ithaca Journal               |              | 1026         | \$ 31.05     | inv 1140935 legal ad  |   |                          |
|   | UPS                          |              | 1027         | \$ 30.40     | inv AE5225407, AE5225417 delivery of documents                    |   |                          |
| 11/24/2008  | City of Ithaca W/S           |              | 1050         | \$ 2,185.00  | inv 8360 manholes provided to contractor                          |   |                          |
| 12/18/2008  | McPherson Builders           | \$ 61,993.00 | 1057         | \$ 59,808.00 | App 1 final const work for Sanitary Sewer Flow Monitoring Station |   |                          |
| 9/16/2010   | Siemens Industry             |              | 1076         | \$ 2,592.80  | inv 5564418859 monitoring station upgrade Danby Road              |   |                          |
| 10/10/2010  | McMaster-Carr                |              | 1077         | \$ 621.18    | inv 63622659 flow stations control cabinet                        |   |                          |
| 10/27/2010  | Siemens Industry             |              | 1078         | \$ 487.86    | inv 5564561637 monitoring station part                            |   |                          |
| 2/1/2011  | Pleasant Valley Electric Inc | ap10         | \$ 5,074.84  | 1081         | \$ 1,373.00   | inv 18257 new service at the pump station   |                          |
| 2/25/2011   | Pleasant Valley Electric Inc |              |              | 1082         | \$ 188.70   | inv 18397 electrical work at breaker  |                          |
| 6/10/2011   | Ritec                        |              |              | 1084         | \$ 504.16   | inv 21130 monitoring station part   |                          |
| 6/12/2012   | Process Control Specialists  |              |              | 1096         | \$ 4,690.09   | inv 12.036, 12.040, 12.041 for instrumentation for remote site flow metering stations |                          |
| 8/22/2012   | McMaster-Carr                | \$ 5,065.31  |              | 1099         | \$ 375.22   | inv 32680468 flow meter equip   |                          |
| 5/31/2013   | Process Control Specialists  |              |              | 1108         | \$ 4,509.79   | inv 13.035, 13.036 for instrumentation for remote site flow metering stations         |                          |
| 6/20/2013   | Process Control Specialists  | \$ 6,005.66  |              | 1109         | \$ 1,495.87   | inv 13.041, 13.048 for instrumentation for remote site flow metering stations         |                          |
| 12/31/2017  | MRB Group                    |              |              | 1282         | \$ 710.00   | inv 25796 Flow meter work 11/26/17-12/23/17   |                          |
| 2/26/2018   | MRB Group                    |              |              | 1283         | \$ 1,668.67   | inv 26014 Flow meter work 12/24/17-1/20/18  |                          |
| 3/17/2018   | MRB Group                    |              |              | 1287         | \$ 1,748.67   | inv 26214 Flow meter work 1/21/18-2/17/18   |                          |
| 4/9/2018  | MRB Group                    |              |              | 1288         | \$ 5,577.34   | inv 26419 Flow meter work 2/21/18-3/17/18   |                          |
| 5/8/2018  | MRB Group                    |              |              | 1289         | \$ 2,023.55   | inv 26762 Flow meter work 3/18/18-4/14/18   |                          |
| 6/13/2008   | MRB Group                    |              |              | 1291         | \$ 880.00   | inv 26762 Flow meter work 4/15/18-5/12/18   |                          |
| 7/9/2018  | MRB Group                    |              |              | 1293         | \$ 777.34   | inv 27129 Flow meter work 5/13/18-6/9/18  |                          |
| 8/6/2019  | MRB Group                    |              |              | 1295         | \$ 1,257.34   | inv 27373 Flow meter work 6/10/18-7/7/18  |                          |
| 9/10/2018   | MRB Group                    |              |              | 1300         | \$ 457.34   | inv 27687 Flow meter work 7/8/18-8/4/18   |                          |
| 9/25/2018   | MRB Group                    |              |              | 1301         | \$ 1,120.00   | inv 28014 Flow meter work 8/5/18-9/1/18   |                          |
| 10/23/2018  | MRB Group                    |              |              | 1303         | \$ 480.00   | inv 28236 Flow meter work 9/2/18-9/29/18  |                          |
| 12/31/2018  | MRB Group                    |              |              | 1306         | \$ 1,188.67   | inv 28812 Flow meter work 10/28/18-11/24/18   |                          |
| 3/14/2019   | MRB Group                    |              |              | 1320         | \$ 1,120.00   | inv 29641 Flow meter work 1/20/19-2/16/19   |                          |
| 4/15/2019   | MRB Group                    | ap18         |              | 1322         | \$ 708.67   | inv 29095 Flow meter work 12/25/19-12/22/19   |                          |
|   | MRB Group                    |              | \$ 1,028.67  | 1322         | \$ 320.00   | inv 29957 Flow meter work 2/17/19-3/16/19   |                          |
| 5/20/2019   | MRB Group                    |              |              |              | \$ 1,120.00   | inv 30412 Flow meter work 3/17/19-4/13/19   |                          |
| Total Expenditures to date                        |                              |              |              |              |   | \$ 100,247.01   |                          |
| Balance of Authorization                          |                              |              |              |              |   | \$ 2,679.99   |                          |
| Funding Sources:                                  |                              |              |              |              |   |   |                          |
| 12/9/2013   | From Capital Reserve J-1     |              |              |              |   | \$ 100,000.00   |                          |
| 5/20/2019   | From Capital Reserve J-1     |              |              |              |   | \$ 2,927.00   |                          |
| Total Funding                                     |                              |              |              |              |   | \$ 102,927.00   |                          |
| Cash Balance                                      |                              |              |              |              |   | \$ 2,679.99   |                          |
| Contracts:  |                              |              |              |              |   |   |                          |
|   |                              |              | Amount       | Expended     | Balance   |   |                          |
| McPherson Builders                                |                              |              | \$ 59,808.00 | \$ 59,808.00 | \$ -  |   |                          |
| MRB Group   |                              |              | \$ 23,837.50 | \$ 20,037.59 | \$ 3,799.91   | Design work   |                          |

**Operator and Engineer's Report  
SJC Meeting  
19 JUNE, 2019**

**1. Plant Maintenance & Operations**

a. Nothing of note, routine maintenance and operations ongoing.

**2. Facilities Maintenance & Operations**

- a. Ithaca Beer Company – Equalization system operational. Some minor excursions during start-up and system tweaking, overall working well.
- b. Monitoring Sta. – Equip. delays, but moving forward. Chris Kianka/Lectre to provide synopsis.
- c. Grit Removal and Misc. Improvements (GHD) – Still awaiting DEC approval.

**3. Staff Management**

a. Trent Gardner started as new WWTP/O/T on 20 May.

**4. Reporting**

**5. Business, Long Term Development**

| Equipment                    | Usage(ft <sup>2</sup> )<br>May | Usage(ft <sup>2</sup> )<br>April | Usage(ft <sup>2</sup> )<br>March | Usage(ft <sup>2</sup> )<br>February | Usage(ft <sup>2</sup> )<br>January | Usage(ft <sup>2</sup> )<br>December | Usage(ft <sup>2</sup> )<br>November | Usage (ft <sup>2</sup> )<br>October |
|------------------------------|--------------------------------|----------------------------------|----------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Micro-turbines               | 3,621,000                      | 3,204,000                        | 3,610,000                        | 2,966,000                           | 2,436,000                          | 3,399,000                           | 3,168,000                           | 3,715,000                           |
| Boilers                      | 139,000                        | 343,000                          | 264,000                          | 237,000                             | 402,000                            | 124,000                             | 311,000                             | 27,000                              |
| Waste Flare                  | 86,000                         | 146,000                          | 80,000                           | 115,000                             | 141,000                            | 55,000                              | 257,000                             | 87,000                              |
| <b>Total Biogas Produced</b> | 3,846,000                      | 3,693,000                        | 3,954,000                        | 3,318,000                           | 2,979,000                          | 3,578,000                           | 3,456,000                           | 3,829,000                           |

DIVISION OF WATER

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF

April, 2019

| SPDES PERMIT NO.<br><b>NY 0026638</b> |      |                          | FACILITY NAME<br>Ithaca Area Wastewater Treatment Facility |                      |                  |                        |                                | FACILITY OWNER<br>Ithaca (C) Ithaca (T) Dryden (T)            |                     |                     |                     |                         | FACILITY IAWWTF          |   |                  |   |                  |                  |                |
|---------------------------------------|------|--------------------------|--|----------------------|------------------|------------------------|--------------------------------|---|---------------------|---------------------|---------------------|-------------------------|--------------------------|---|------------------|---|------------------|------------------|----------------|
| Day                                   | Date | Daily Precip<br>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.<br>MGD   | Daily Average<br>MGD | Inst.Min.<br>MGD | Influent<br>(2)        | Effluent<br>(2)                | Influent<br>Minimum   | Influent<br>Maximum | Effluent<br>Minimum | Effluent<br>Maximum | Influent<br>Maximum     | Effluent<br>Maximum      | Influent<br>Type  | Effluent<br>Type | Influent<br>Type  | Effluent<br>Type |                  |                |
| Mon                                   | 01   |                          | 8.30   | 5.67                 | 2.50             | 56                     | 52                             | 7.6   | 7.8                 | 6.9                 | 7.2                 | 7.8                     | <0.10                    | 225   | 14               | 205   | 3                |                  |                |
| Tue                                   | 02   | 0.00                     | 8.40   | 5.263                | 1.60             | 57                     | 53                             | 7.6   | 7.8                 | 7.0                 | 7.2                 | 6.8                     | <0.10                    | 226   | 11               | 127   | 2                |                  |                |
| Wed                                   | 03   | 0.00                     | 8.60   | 5.51                 | 1.90             | 57                     | 53                             | 7.5   | 7.6                 | 7.0                 | 7.2                 | 9.2                     | <0.10                    |   |                  |   |                  |                  |                |
| Thu                                   | 04   | 0.00                     | 8.50   | 5.33                 | 2.30             | 57                     | 53                             | 7.6   | 7.6                 | 7.0                 | 7.2                 | 10.2                    | <0.10                    |   |                  |   |                  |                  |                |
| Fri                                   | 05   | 0.39                     | 8.00   | 5.48                 | 2.70             | 60                     | 53                             | 7.6   | 7.7                 | 6.9                 | 7.1                 | 8.2                     | <0.10                    |   |                  |   |                  |                  |                |
| Sat                                   | 06   | 0.01                     | 12.30  | 5.30                 | 2.50             | 60                     | 53                             | 7.6   | 7.7                 | 7.0                 | 7.2                 | 9.8                     | <0.10                    |   |                  |   |                  |                  |                |
| Sun                                   | 07   | 0.10                     | 8.50   | 5.939                | 3.00             | 59                     | 54                             | 7.5   | 7.7                 | 7.0                 | 7.2                 | 9.3                     | <0.10                    |   |                  |   |                  |                  |                |
| Mon                                   | 08   |                          | 9.30   | 5.820                | 2.70             | 60                     | 56                             | 7.5   | 7.7                 | 7.2                 | 7.3                 | 9.0                     | <0.10                    | 226   | 19               | 144   | 3                |                  |                |
| Tue                                   | 09   |                          | 9.50   | 6.275                | 3.00             | 60                     | 56                             | 7.6   | 7.7                 | 7.1                 | 7.5                 | 11.5                    | <0.10                    | 334   | 16               | 204   | 5                |                  |                |
| Wed                                   | 10   |                          | 8.70   | 5.532                | 2.10             | 57                     | 56                             | 7.6   | 7.8                 | 7.3                 | 7.5                 | 13.7                    | <0.10                    |   |                  |   |                  |                  |                |
| Thu                                   | 11   | 0.00                     | 8.00   | 5.723                | 2.80             | 57                     | 56                             | 7.6   | 7.8                 | 7.3                 | 7.4                 | 10.5                    | <0.10                    |   |                  |   |                  |                  |                |
| Fri                                   | 12   | 0.46                     | 9.10   | 5.843                | 2.50             | 61                     | 56                             | 7.6   | 7.8                 | 7.1                 | 7.4                 | 11.8                    | <0.10                    |   |                  |   |                  |                  |                |
| Sat                                   | 13   | 0.36                     | 8.30   | 5.506                | 2.40             | 60                     | 58                             | 7.6   | 7.7                 | 7.2                 | 7.6                 | 7.8                     | <0.10                    |   |                  |   |                  |                  |                |
| Sun                                   | 14   | 1.17                     | 12.10  | 7.434                | 2.90             | 58                     | 57                             | 7.6   | 7.7                 | 7.4                 | 7.5                 | 10.7                    | <0.10                    |   |                  |   |                  |                  |                |
| Mon                                   | 15   | 0.36                     | 12.90  | 8.739                | 4.10             | 56                     | 56                             | 7.7   | 7.8                 | 7.0                 | 7.1                 | 7.2                     | <0.10                    | 164   | 27               | 133   | 5                |                  |                |
| Tue                                   | 16   | 0.05                     | 11.10  | 7.594                | 4.00             | 59                     | 55                             | 7.7   | 7.8                 | 7.2                 | 7.7                 | 10.0                    | <0.10                    | 223   | 14               | 156   | 5                |                  |                |
| Wed                                   | 17   | 0.01                     | 10.50  | 7.172                | 3.50             | 58                     | 56                             | 7.6   | 7.7                 | 7.1                 | 7.5                 | 7.2                     | <0.10                    |   |                  |   |                  |                  |                |
| Thu                                   | 18   |                          | 10.60  | 7.071                | 3.50             | 60                     | 56                             | 7.5   | 7.7                 | 7.3                 | 7.6                 | 8.0                     | <0.10                    |   |                  |   |                  |                  |                |
| Fri                                   | 19   | 0.51                     | 19.50  | 9.693                | 5.80             | 61                     | 58                             | 7.5   | 7.6                 | 7.1                 | 7.3                 | 11.0                    | <0.10                    |   |                  |   |                  |                  |                |
| Sat                                   | 20   | 0.05                     | 13.00  | 9.556                | 5.60             | 57                     | 55                             | 7.6   | 7.6                 | 7.0                 | 7.1                 | 4.2                     | <0.10                    |   |                  |   |                  |                  |                |
| Sun                                   | 21   | 0.00                     | 11.10  | 8.189                | 4.50             | 57                     | 55                             | 7.6   | 7.6                 | 7.0                 | 7.5                 | 5.2                     | <0.10                    |   |                  |   |                  |                  |                |
| Mon                                   | 22   | 0.00                     | 11.00  | 7.931                | 3.90             | 59                     | 56                             | 7.8   | 7.9                 | 7.6                 | 7.9                 | 9.2                     | <0.10                    | 199   | 11               | 122   | 5                |                  |                |
| Tue                                   | 23   | 0.11                     | 11.50  | 7.590                | 3.40             | 61                     | 57                             | 7.8   | 7.9                 | 7.4                 | 7.9                 | 9.0                     | <0.10                    | 206   | 13               | 133   | 4                |                  |                |
| Wed                                   | 24   | 0.00                     | 10.50  | 7.15                 | 2.70             | 60                     | 57                             | 7.5   | 7.7                 | 7.3                 | 7.5                 | 9.3                     | <0.10                    |   |                  |   |                  |                  |                |
| Thu                                   | 25   |                          | 11.00  | 7.304                | 3.50             | 60                     | 58                             | 7.3   | 7.7                 | 7.1                 | 7.3                 | 15.0                    | <0.10                    |   |                  |   |                  |                  |                |
| Fri                                   | 26   | 0.75                     | 12.00  | 8.172                | 4.70             | 61                     | 58                             | 7.5   | 7.6                 | 7.2                 | 7.3                 | 10.0                    | <0.10                    |   |                  |   |                  |                  |                |
| Sat                                   | 27   |                          | 10.40  | 7.390                | 3.20             | 56                     | 58                             | 7.6   | 7.6                 | 7.1                 | 7.5                 | 7.0                     | <0.10                    |   |                  |   |                  |                  |                |
| Sun                                   | 28   | 0.21                     | 10.70  | 6.828                | 2.50             | 56                     | 57                             | 7.6   | 7.7                 | 7.3                 | 7.6                 | 6.0                     | <0.10                    |   |                  |   |                  |                  |                |
| Mon                                   | 29   | 0.01                     | 10.40  | 6.975                | 2.90             | 61                     | 57                             | 7.6   | 7.7                 | 7.3                 | 7.4                 | 12.5                    | <0.10                    | 257   | 13               | 169   | 4                |                  |                |
| Tue                                   | 30   | 0.03                     | 10.60  | 7.029                | 3.50             | 60                     | 58                             | 7.5   | 7.6                 | 7.3                 | 7.3                 | 9.3                     | <0.10                    | 218   | 16               | 137   | 3                |                  |                |
|                                       |      | Total Precip<br>4.58     | Monthly<br>6.834   |                      |                  | Monthly Influent<br>59 | Monthly Average Effluent<br>56 | Monthly<br>Minimum Maximum Minimum Maximum<br>7.3 7.9 6.9 7.9 |                     |                     |                     | Monthly Maximum<br>15.0 | Monthly Maximum<br><0.10 | 30 day arithmetic mean (1)<br>Inf.(mg/l) Eff.(mg/l)<br>228 15 |                  | 30 day arithmetic mean (1)<br>Inf.(mg/l) Eff(mg/l)<br>153 4 |                  | %Rem<br>97       | %Rem<br>97     |
|                                       |      | Monthly Total<br>204.997 |  |                      |                  |                        |                                |   |                     |                     |                     |                         |                          | 30 Day Avg<br>Quantity Loading (1)                            |                  | 12,901<br>lbs/day   | 900<br>lbs/day   | 8,685<br>lbs/day | 231<br>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 | Effluent mg/l     |            | Effluent              |   |                     |
|  |      |                            |                |          | Pre-SO2           | Post SO2   | MF or MPN/100ml       | Enter any other comments, observations, operating problems, equipment failure, etc. |                     |
| Mon  | 01   | 3.11                       | 0.10           |          | 0.36              | 0.010      | 6                     |   |                     |
| Tue  | 02   | 3.14                       | 0.10           |          | 0.34              | 0.010      | 9                     |   |                     |
| Wed  | 03   |                            |                |          | 0.31              | 0.030      |                       |   |                     |
| Thu  | 04   |                            |                |          | 0.31              | 0.000      |                       |   |                     |
| Fri  | 05   |                            |                |          | 0.24              | 0.020      |                       |   |                     |
| Sat  | 06   |                            |                |          | 0.27              | 0.000      |                       |   |                     |
| Sun  | 07   |                            |                |          | 0.26              | 0.010      |                       |   |                     |
| Mon  | 08   | 4.04                       | 0.13           |          | 0.29              | 0.010      | 16                    |   |                     |
| Tue  | 09   | 5.16                       | 0.19           |          | 0.35              | 0.000      | 19                    |   |                     |
| Wed  | 10   |                            |                |          | 0.38              | 0.020      |                       |   |                     |
| Thu  | 11   |                            |                |          | 0.42              | 0.020      |                       |   |                     |
| Fri  | 12   |                            |                |          | 0.44              | 0.010      |                       |   |                     |
| Sat  | 13   |                            |                |          | 0.38              | 0.000      |                       |   |                     |
| Sun  | 14   |                            |                |          | 0.45              | 0.020      |                       |   |                     |
| Mon  | 15   | 2.76                       | 0.10           |          | 0.19              | 0.010      | 20                    |   |                     |
| Tue  | 16   | 3.21                       | 0.15           |          | 0.32              | 0.010      | 37                    |   |                     |
| Wed  | 17   |                            |                |          | 0.21              | 0.010      |                       |   |                     |
| Thu  | 18   |                            |                |          | 0.29              | 0.010      |                       |   |                     |
| Fri  | 19   |                            |                |          | 0.43              | 0.000      |                       |   |                     |
| Sat  | 20   |                            |                |          | 0.30              | 0.020      |                       |   |                     |
| Sun  | 21   |                            |                |          | 0.38              | 0.000      |                       |   |                     |
| Mon  | 22   | 3.28                       | 0.14           |          | 0.41              | 0.020      | 5                     |   |                     |
| Tue  | 23   | 3.27                       | 0.12           |          | 0.30              | 0.010      | 31                    |   |                     |
| Wed  | 24   |                            |                |          | 0.34              | 0.020      |                       |   |                     |
| Thu  | 25   |                            |                |          | 0.34              | 0.020      |                       |   |                     |
| Fri  | 26   |                            |                |          | 0.33              | 0.000      |                       |   |                     |
| Sat  | 27   |                            |                |          | 0.45              | 0.010      |                       |   |                     |
| Sun  | 28   |                            |                |          | 0.51              | 0.010      |                       |   |                     |
| Mon  | 29   | 4.04                       | 0.08           |          | 0.46              | 0.010      | 28                    |   |                     |
| Tue  | 30   | 3.40                       | 0.08           |          | 0.41              | 0.020      | 13                    |   |                     |
|  |      | 30 day arithmetic mean (1) |                | TMRA     | Monthly           |            | 30 Day Geo. Mean (1)  |   |                     |
|  |      | Influent(mg/l)             | Effluent(mg/l) | Eff      | Minimum(1)        | Maximum(1) |                       |   |                     |
|  |      | 3.54                       | 0.12           |          | 0.19              | 0.030      | 15                    |   |                     |
|  |      | 201.37                     | 6.84           | 7.81     |                   |            |                       |   |                     |
|  |      | lbs/day                    | lbs/day        | lbs/day  |                   |            |                       |   |                     |

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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<br>mg/l<br>Sample                 | TKN<br>mg/l<br>Type | AMM<br>mg/l<br>Sample | AMM<br>mg/l<br>Type | TRI<br>ug/l<br>Sample | TETRA<br>ug/l<br>Sample | CHLORO<br>ug/l<br>Sample | 1,2 TRANS<br>ug/l<br>Sample | METH<br>ug/l<br>Sample | PHTHAL<br>ug/l<br>Sample | Ca<br>mg/l<br>Sample | Ca<br>mg/l<br>Sample | Cu<br>mg/l<br>Sample | Cu<br>mg/l<br>Sample | Pb<br>mg/l<br>Sample | Ni<br>mg/l<br>Sample | Ag<br>mg/l<br>Sample | Zn<br>mg/l<br>Sample |  |
| Day                                     | Date | Influent                              | Effluent            | Influent              | Effluent            | Effluent              | Effluent                | Effluent                 | Effluent                    | Effluent               | Effluent                 | Influent             | Effluent             | Influent             | Effluent             | Effluent             | Effluent             | Effluent             | Effluent             |  |
| Mon                                     | 01   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Tue                                     | 02   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Wed                                     | 03   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Thu                                     | 04   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Fri                                     | 05   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sat                                     | 06   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sun                                     | 07   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Mon                                     | 08   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Tue                                     | 09   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Wed                                     | 10   | 32.3                                  | 15.1                | 17.9                  | 14.4                | <1.0                  | <1.0                    | 2.2                      | <1.0                        | <5.0                   | <5.0                     | <0.020               | <0.020               | 0.147                | 0.046                | <0.020               | <0.020               | <0.020               | 0.029                |  |
| Thu                                     | 11   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Fri                                     | 12   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sat                                     | 13   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sun                                     | 14   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Mon                                     | 15   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Tue                                     | 16   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Wed                                     | 17   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Thu                                     | 18   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Fri                                     | 19   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sat                                     | 20   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sun                                     | 21   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Mon                                     | 22   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Tue                                     | 23   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Wed                                     | 24   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Thu                                     | 25   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Fri                                     | 26   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sat                                     | 27   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Sun                                     | 28   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Mon                                     | 29   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| Tue                                     | 30   |                                       |                     |                       |                     |                       |                         |                          |                             |                        |                          |                      |                      |                      |                      |                      |                      |                      |                      |  |
| 30 day<br>arithmetic<br>mean (1)        |      | 32.30<br>mg/l                         | 15.10<br>mg/l       | 17.90<br>mg/l         | 14.40<br>mg/l       | <1.0<br>ug/l          | <1.0<br>ug/l            | 2.2<br>ug/l              | <1.0<br>ug/l                | <5.0<br>ug/l           | <5.0<br>ug/l             | <0.020<br>mg/l       | <0.020<br>mg/l       | 0.147<br>mg/l        | 0.046<br>mg/l        | <0.020<br>mg/l       | <0.020<br>mg/l       | <0.020<br>mg/l       | 0.029<br>mg/l        |  |
| 30 Day Aver.<br>Quantity<br>Loading (1) |      | 1,490.2<br>lbs/day                    | 696.7<br>lbs/day    | 825.9<br>lbs/day      | 664.4<br>lbs/day    | <0.046<br>lbs/day     | <0.046<br>lbs/day       | 0.102<br>lbs/day         | <0.046<br>lbs/day           | <0.231<br>lbs/day      | <0.23<br>lbs/day         | <0.92<br>lbs/day     | <0.92<br>lbs/day     | 6.78<br>lbs/day      | 2.12<br>lbs/day      | <0.92<br>lbs/day     | <0.92<br>lbs/day     | <0.92<br>lbs/day     | 1.34<br>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 |
|                          |         |           |        |
|                          |         |           |        |
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|                          |         |           |        |

Name and amount of chemicals used in treatment

- Process during month:
- a. Sodium Hypochlorite 3159 gal.
  - b. Sulfur Dioxide 736 lbs.
  - c. Ferrous Chloride 3,144 gal.
  - d. Polymer (Pressing) \_\_\_\_\_ lbs.
  - e. Ferric Chloride 13,491 gal.
  - f. Polymer (Actiflo) \_\_\_\_\_ gal.

- Amount of electrical power consumed:
- a. Commercial 244,800 kw.hrs.
  - b. Stand-by \_\_\_\_\_ kw.hrs.
- Amount of fuel consumed:
- a. Natural gas 1,099,000 cubic ft.
  - b. Oil \_\_\_\_\_ gallons
  - c. Gasoline \_\_\_\_\_ gallons
  - d. Coal \_\_\_\_\_ tons
  - e. Digester Gas 3,547,000 cubic ft.
  - f. Propane \_\_\_\_\_ gallons

- Sludge removal from plant:
- a. Amount 99.6 Dry Tons
  - b. Solid Content 23.4 %
  - c. Volatile Solids Content 66.1 %
  - d. Disposal site : \_\_\_\_\_  
Seneca Meadows Landfill, Waterloo, NY, 13165  
Ontario Cty. Landfill, Stanley, NY, 14561

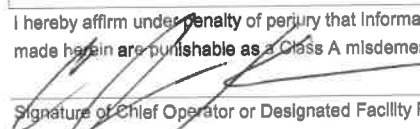
- Other Solid Wastes:
- a. Screenings 23 YARDS
  - b. Grit Combined amt. with screenings
  - c. Ashes \_\_\_\_\_ tons
  - d. \_\_\_\_\_
  - e. \_\_\_\_\_
  - f. \_\_\_\_\_
  - g. Disposal Site: \_\_\_\_\_  
Seneca Meadows Landfill, Waterloo, NY 13165  
Ontario Cty. Landfill, Stanley, NY, 14561  
Chemung Cty. Landfill, Lowman, NY, 14861  
 Digester Gas Wasted 146,000 cubic feet

| TRUCKED WASTE RECEIVED THIS MONTH   |                |                |
|---|----------------|----------------|
| 1. Septage, holding tank waste and portable toilet waste                          |                |                |
|   | Total          | Max day        |
| Volume (gallons)  | <u>428,758</u> | <u>428,758</u> |
| 2. All other wastes   |                |                |
|   | Total          | Max day        |
| Volume (gallons)  | <u>547,256</u> | <u>547,256</u> |
| 3. Number of Part 364 haulers currently approved to transport wastes to this POTW |                |                |
| a. Septage, etc.  | <u>13</u>      |                |
| b. All others   | <u>3</u>       |                |

Labor expended:

| POSITION NAME            | NUMBER FULL TIME | NUMBER PART TIME | TOTAL HOURS |
|--------------------------|------------------|------------------|-------------|
| Chief Operator           | 1                | 0                | 176.0       |
| Assistant Chief Operator | 0                | 1                | 80.0        |
| Operator                 | 6                | 0                | 1,048.0     |
| Operator-Trainee         | 2                | 0                | 344.0       |
| Laboratory Director      | 1                | 0                | 176.0       |
| Laboratory Technician    | 1                | 0                | 176.0       |
| Administrative Assistant | 1                | 0                | 176.0       |
| Interns                  | 0                | 0                |             |
| Maintenance Worker       | 1                |                  | 176         |
|                          |                  |                  |             |
|                          |                  |                  |             |
|                          |                  |                  |             |
|                          |                  |                  |             |
|                          |                  |                  |             |
|                          |                  |                  |             |
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|                          |                  |                  |             |
|                          |                  |                  |             |

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 21 MAY 2019 272017.00  
 Signature of Chief Operator or Designated Facility Representative 0.00

DMR Copy of Record

|                    |                         |                    |                                      |                    |                                      |
|--------------------|-------------------------|--------------------|--------------------------------------|--------------------|--------------------------------------|
| <b>Permit</b>      |                         |                    |                                      |                    |                                      |
| Permit #:          | NY0026638               | Permittee:         | ITHACA (C) - (T) - DRYDEN (T)        | Facility:          | ITHACA AREA WWTF                     |
| Major:             | Yes                     | Permittee Address: | 525 THIRD STREET<br>ITHACA, NY 14850 | Facility Location: | 525 THIRD STREET<br>ITHACA, NY 14850 |
| Permitted Feature: | 001<br>External Outfall | Discharge:         | 001-M<br>WWTP OUTFALL                |                    |                                      |

|                                  |                           |               |          |         |                  |
|----------------------------------|---------------------------|---------------|----------|---------|------------------|
| <b>Report Dates &amp; Status</b> |                           |               |          |         |                  |
| Monitoring Period:               | From 04/01/19 to 04/30/19 | DMR Due Date: | 05/28/19 | Status: | NetDMR Validated |

Considerations for Form Completion

|                                    |         |        |                                |            |              |
|------------------------------------|---------|--------|--------------------------------|------------|--------------|
| <b>Principal Executive Officer</b> |         |        |                                |            |              |
| First Name:                        | Michael | Title: | Superintendent of Public Works | Telephone: | 607-274-6527 |
| Last Name:                         | Thorne  |        |                                |            |              |

No Data Indicator (NODI)

Form NODI: --

| Code  | Parameter Name                     | Monitoring Location     | Season # | Param. NODI | Quantity or Loading |         |                  |         |               | Quality or Concentration |         |             |         |             |           | # of Ex.                 | Frequency of Analysis | Sample Type              |                  |                  |                  |                  |                 |         |
|-------|------------------------------------|-------------------------|----------|-------------|---------------------|---------|------------------|---------|---------------|--------------------------|---------|-------------|---------|-------------|-----------|--------------------------|-----------------------|--------------------------|------------------|------------------|------------------|------------------|-----------------|---------|
|       |                                    |                         |          |             | Qualifier 1         | Value 1 | Qualifier 2      | Value 2 | Units         | Qualifier 1              | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3   |                          |                       |                          | Units            |                  |                  |                  |                 |         |
| 00011 | Temperature, water deg. fahrenheit | 1 - Effluent Gross      | 0        | --          | Sample              |         |                  |         |               |                          |         |             |         | =           | 58        | 15 - deg F               | 03/01 - Three Per Day | GR - GRAB                |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           | <=                       |                       |                          | 90 DAILY MX      | 15 - deg F       |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00011 | Temperature, water deg. fahrenheit | G - Raw Sewage Influent | 0        | --          | Sample              |         |                  |         |               |                          |         |             |         | =           | 61        | 15 - deg F               | 03/01 - Three Per Day | GR - GRAB                |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  | Req Mon DAILY MX | 15 - deg F       |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00310 | BOD, 5-day, 20 deg. C              | 1 - Effluent Gross      | 0        | --          | Sample              | =       | 900              | =       | 1428          | 26 - lb/d                |         |             | =       | 15          | =         | 21                       | 19 - mg/L             | 02/07 - Twice Every Week | 24 - COMP24      |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         | <=      | 2502 30DA AVG    | <=      | 3753 7 DA AVG | 26 - lb/d                |         |             | <=      | 30 30DA AVG | <=        | 45 7 DA AVG              | 19 - mg/L             |                          |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00310 | BOD, 5-day, 20 deg. C              | G - Raw Sewage Influent | 0        | --          | Sample              |         |                  |         |               |                          |         |             | =       | 228         | 19 - mg/L | 02/07 - Twice Every Week | 24 - COMP24           |                          |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          | Req Mon 30DA AVG | 19 - mg/L        |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00400 | pH                                 | 1 - Effluent Gross      | 0        | --          | Sample              |         |                  |         |               |                          |         | =           | 6.9     |             | =         | 7.9                      | 12 - SU               | 03/01 - Three Per Day    | GR - GRAB        |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  | >=               | 6 MINIMUM        | <=               | 9 MAXIMUM       | 12 - SU |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00400 | pH                                 | G - Raw Sewage Influent | 0        | --          | Sample              |         |                  |         |               |                          |         | =           | 7.3     |             | =         | 7.9                      | 12 - SU               | 03/01 - Three Per Day    | GR - GRAB        |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  | Req Mon MINIMUM  | Req Mon MAXIMUM | 12 - SU |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00530 | Solids, total suspended            | 1 - Effluent Gross      | 0        | --          | Sample              | =       | 231              | =       | 341           | 26 - lb/d                |         |             | =       | 4           | =         | 5                        | 19 - mg/L             | 02/07 - Twice Every Week | 24 - COMP24      |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         | <=      | 2502 30DA AVG    | <=      | 3753 7 DA AVG | 26 - lb/d                |         |             | <=      | 30 30DA AVG | <=        | 45 7 DA AVG              | 19 - mg/L             |                          |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00530 | Solids, total suspended            | G - Raw Sewage Influent | 0        | --          | Sample              |         |                  |         |               |                          |         |             | =       | 153         | 19 - mg/L | 02/07 - Twice Every Week | 24 - COMP24           |                          |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          | Req Mon 30DA AVG | 19 - mg/L        |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00545 | Solids, settleable                 | 1 - Effluent Gross      | 0        | --          | Sample              |         |                  |         |               |                          |         |             |         | <           | 0.1       | 25 - mL/L                | 03/01 - Three Per Day | GR - GRAB                |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  | <=               | .3 DAILY MX      | 25 - mL/L        |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00545 | Solids, settleable                 | G - Raw Sewage Influent | 0        | --          | Sample              |         |                  |         |               |                          |         |             |         | =           | 15        | 25 - mL/L                | 03/01 - Three Per Day | GR - GRAB                |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  | Req Mon DAILY MX | 25 - mL/L        |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00625 | Nitrogen, Kjeldahl, total [as N]   | 1 - Effluent Gross      | 0        | --          | Sample              |         |                  |         |               |                          |         |             |         | =           | 15.1      | 19 - mg/L                | 01/30 - Monthly       | 24 - COMP24              |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  | Req Mon DAILY MX | 19 - mg/L       |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00625 | Nitrogen, Kjeldahl, total [as N]   | G - Raw Sewage Influent | 0        | --          | Sample              |         |                  |         |               |                          |         |             |         | =           | 32.3      | 19 - mg/L                | 01/30 - Monthly       | 24 - COMP24              |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  | Req Mon DAILY MX | 19 - mg/L       |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 00665 | Phosphorus, total [as P]           | 1 - Effluent Gross      | 0        | --          | Sample              | =       | 7.8              |         |               | 26 - lb/d                |         |             |         |             |           |                          |                       | 02/07 - Twice Every Week | 24 - COMP24      |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         | <=      | 40 Agg Rol Av    |         |               | 26 - lb/d                |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 01027 | Cadmium, total [as Cd]             | 1 - Effluent Gross      | 0        | --          | Sample              | <       | 0.92             | <       | 0.92          | 26 - lb/d                |         |             |         |             |           |                          |                       | 01/30 - Monthly          | 24 - COMP24      |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         | Req Mon DAILY AV | <=      | 2.2 DAILY MX  | 26 - lb/d                |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 34475 | Tetrachloroethylene                | 1 - Effluent Gross      | 0        | --          | Sample              | <       | 0.046            | <       | 0.046         | 26 - lb/d                |         |             |         |             |           |                          |                       | 01/30 - Monthly          | GR - GRAB        |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         | <=      | 1 DAILY AV       | <=      | 1.3 DAILY MX  | 26 - lb/d                |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |
| 34726 | Nitrogen, ammonia, total [as NH3]  | 1 - Effluent Gross      | 0        | --          | Sample              |         |                  |         |               |                          |         |             |         | =           | 14.4      | 19 - mg/L                | 01/30 - Monthly       | 24 - COMP24              |                  |                  |                  |                  |                 |         |
|       |                                    |                         |          |             | Permit Req.         |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  | Req Mon DAILY MX | 19 - mg/L        |                 |         |
|       |                                    |                         |          |             | Value NODI          |         |                  |         |               |                          |         |             |         |             |           |                          |                       |                          |                  |                  |                  |                  |                 |         |

|       |  |                         |   |    |             |    |               |    |             |    |                  |              |                          |                      |
|-------|--|-------------------------|---|----|-------------|----|---------------|----|-------------|----|------------------|--------------|--------------------------|----------------------|
| 34726 | Nitrogen, ammonia, total [as NH3]        | G - Raw Sewage Influent | 0 | -- | Sample      |    |               |    |             | =  | 17.9             | 19 - mg/L    | 01/30 - Monthly          | 24 - COMP24          |
|       |  |                         |   |    | Permit Req. |    |               |    |             |    | Req Mon DAILY MX | 19 - mg/L    | 01/30 - Monthly          | 24 - COMP24          |
|       |  |                         |   |    | Value NODI  |    |               |    |             |    |                  |              |                          |                      |
| 39180 | Trichloroethylene                        | 1 - Effluent Gross      | 0 | -- | Sample      | <  | 0.046         | <  | 0.046       |    |                  | 26 - lb/d    | 01/30 - Monthly          | GR - GRAB            |
|       |  |                         |   |    | Permit Req. | <= | 4.2 DAILY AV  |    |             |    | Req Mon DAILY MX | 26 - lb/d    | 01/30 - Monthly          | GR - GRAB            |
|       |  |                         |   |    | Value NODI  |    |               |    |             |    |                  |              |                          |                      |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross      | 0 | -- | Sample      | =  | 6.834         |    |             |    |                  | 03 - MGD     | 99/99 - Continuous       | RC - Recorder (auto) |
|       |  |                         |   |    | Permit Req. | <= | 13.1 30DAARME |    |             |    |                  | 03 - MGD     | 99/99 - Continuous       | RC - Recorder (auto) |
|       |  |                         |   |    | Value NODI  |    |               |    |             |    |                  |              |                          |                      |
| 50060 | Chlorine, total residual                 | 1 - Effluent Gross      | 0 | -- | Sample      |    |               |    |             | =  | 0.03             | 19 - mg/L    | 03/01 - Three Per Day    | GR - GRAB            |
|       |  |                         |   |    | Permit Req. |    |               |    |             | <= | .1 DAILY MX      | 19 - mg/L    | 03/01 - Three Per Day    | GR - GRAB            |
|       |  |                         |   |    | Value NODI  |    |               |    |             |    |                  |              |                          |                      |
| 74055 | Coliform, fecal general                  | 1 - Effluent Gross      | 0 | -- | Sample      |    |               |    |             | =  | 15               | 13 - #/100mL | 02/07 - Twice Every Week | GR - GRAB            |
|       |  |                         |   |    | Permit Req. |    |               |    |             | <= | 200 30DA GEO     | 13 - #/100mL | 02/07 - Twice Every Week | GR - GRAB            |
|       |  |                         |   |    | Value NODI  |    |               |    |             |    |                  |              |                          |                      |
| 81010 | BOD, 5-day, percent removal              | K - Percent Removal     | 0 | -- | Sample      |    |               | =  | 93          |    |                  | 23 - %       | 01/30 - Monthly          | CA - CALCTD          |
|       |  |                         |   |    | Permit Req. |    |               | >= | 85 MO AV MN |    |                  | 23 - %       | 01/30 - Monthly          | CA - CALCTD          |
|       |  |                         |   |    | Value NODI  |    |               |    |             |    |                  |              |                          |                      |
| 81011 | Solids, suspended percent removal        | K - Percent Removal     | 0 | -- | Sample      |    |               | =  | 97          |    |                  | 23 - %       | 01/30 - Monthly          | CA - CALCTD          |
|       |  |                         |   |    | Permit Req. |    |               | >= | 85 MO AV MN |    |                  | 23 - %       | 01/30 - Monthly          | CA - CALCTD          |
|       |  |                         |   |    | Value NODI  |    |               |    |             |    |                  |              |                          |                      |

#### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

#### Edit Check Errors

No errors.

#### Comments

#### Attachments

| Name                          | Type | Size   |
|-------------------------------|------|--------|
| APRIL2019-SPDES-OP-REPORT.pdf | pdf  | 337017 |

#### Report Last Saved By

ITHACA (C) - (T) - DRYDEN (T)

User: MRHANKIE  
Name: CJ KILGORE  
E-Mail: ckilgore@cityofithaca.org  
Date/Time: 2019-05-21 13:42 (Time Zone: -04:00)

#### Report Last Signed By

User: MRHANKIE  
Name: CJ KILGORE  
E-Mail: ckilgore@cityofithaca.org  
Date/Time: 2019-05-21 13:52 (Time Zone: -04:00)

**ORDINANCE 2019-**

**BE IT ORDAINED AND ENACTED** by the Common Council of the City of Ithaca as follows:

**Section 1. Legislative Intent and Purpose.**

Common Council makes the following findings of fact:

- A. It is the declared policy of the City of Ithaca to conserve, enhance and encourage adequate and appropriate waste water treatment operations within the City, and to minimize potential conflict between IAWWTF operations and non-industrial land uses within the City.
- B. Where non-industrial land uses, especially residential development, extend into the IAWWTF Setback Zone, or locate in the vicinity of the IAWWTF, waste water treatment operations may be the subject of nuisance complaints. Such complaints may request the curtailment of waste water treatment operations, and discourage investments, improvement and expansion for waste water treatment operations. Constraints on operations, management and possible expansion of the IAWWTF is detrimental to the health, safety, and economic viability of City and Town of Ithaca, Town of Dryden and surrounding areas for which it serves. It is the purpose and intent of this Ordinance to protect the resources and services provided by the IAWWTF to the larger community.
- C. This policy can best be implemented by educating residents and businesses as to the laws protecting IAWWTF operations from conflicts with non-industrial uses, and by notifying owners and users of real property in the City of inherent potential problems associated with the ownership and/or use of real property located adjacent to or in the vicinity of waste water treatment operations, including, but not limited to, odors, trucks, lighting, construction, noise, dust, chemicals, discharge, smoke and extended hours of operation which may accompany such waste water treatment operations. It is intended that through the use of such notice owners and users of real property within the City will better understand the impact of living near waste water treatment operations and be prepared to accept such problems as the natural result of living on or near the IAWWTF lands.
- D. Therefore, the Common Council intends for this Ordinance to implement the above-described education and notification disclosure requirement to all property users within the IAWWTF Setback Zone.

Deleted: this notice

**Section 2. Creation of Section 262-137, Preservation of Ithaca Area Waste Water Treatment Facility Disclosure Requirement.**

The Ithaca Municipal Code shall be amended so as to create a new Section 262-137 as follows:

§262-137 Preservation of Ithaca Area Waste Water Treatment Facility Disclosure Requirement

A. Definitions. For the purposes of this section:

- (1) "IAWWTF" shall be the Ithaca Area Waste Water Treatment Facility located at 525 Third Street, Ithaca.
- (2) "IAWWTF Setback Zone" shall mean those land areas of the city of Ithaca west of Route 13 within 1,200 feet of the property boundary of the Ithaca Area Waste Water Treatment Facility.
- (3) "IAWWTF operations" shall mean and include, but not be limited to, the delivery and receiving of trucked waste, and sanitary waste, aeration and treatment of waste water, biosolids management, processing of wastewater and biogas, and activities incident to or in conjunction with the treatment and handling of wastewater and residual materials.

B. NUISANCE. No operation, conducted or maintained for the purposes of serving the IAWWTF, and in a manner consistent with current accepted professional practices, and comply with current regulatory standards, shall be or become a nuisance, private or public, due to any changed condition in or about the locality, after the same has been in operation for more than three years if it was not a nuisance at the time it began.

**Deleted:** with the proper and accepted customs and standards established and followed by similar waste water treatment operations

C. PRESERVATION OF ITHACA AREA WASTE WATER TREATMENT FACILITY DISCLOSURE NOTICE REQUIREMENT.

- (1) Upon any transfer by sale, exchange, rental agreement, installment land sale contract, lease, lease with an option to purchase, any other option to purchase, or ground lease coupled with improvements, of real property, or residential stock cooperative, the transferor shall deliver to the prospective transferee the written statement required by subsection C(2) of this section.
- (2) The disclosure statement shall contain the following:

**Preservation of Ithaca Area Waste Water Treatment Facility Disclosure Notice**

THIS DISCLOSURE STATEMENT CONCERNS THE REAL PROPERTY SITUATED IN TOMPKINS COUNTY, CITY OF ITHACA.

DESCRIBED AS \_\_\_\_\_.

THIS STATEMENT IS A DISCLOSURE OF THE CONDITION OF THE ABOVE DESCRIBED PROPERTY

IN COMPLIANCE WITH SECTION 262-137 OF THE ORDINANCE CODE OF THE CITY OF ITHACA AS OF \_\_\_\_\_.

THE FOLLOWING ARE THE REPRESENTATIONS MADE BY THE SELLER(S)/PROPERTY OWNERS AS REQUIRED BY THE CITY OF ITHACA.

The City of Ithaca supports operation of properly conducted waste water treatment operations with the City. If the property in which you are taking an interest is located within the IAWWTF Setback Zone, you may be subject to inconveniences or discomfort arising from such operations. Such may include, but may not necessarily be limited to: odors, trucks, lighting, construction, noise, fumes, dust, smoke, discharge, operation of

**Deleted:** near the IAWWTF, or included

machinery during any 24 hour period, delivery and application of chemicals, and storage, and disposal of biosolids and trucked waste. One or more of the inconveniences described may occur as a result of any operation which is in conformance with existing laws and regulations, and accepted professional standards. If you live or operate near the IAWWTF, you should be prepared to accept such inconveniences and discomfort as a normal and necessary aspect of living and operating in proximity to a waste water treatment facility.

**Deleted:** , and the application of chemicals, and amendments.

**Deleted:** customs and

Owner/Seller: \_\_\_\_\_ Date: \_\_\_\_\_

Owner/Seller: \_\_\_\_\_ Date: \_\_\_\_\_

Buyer/Renter: \_\_\_\_\_ Date: \_\_\_\_\_

Buyer/Renter: \_\_\_\_\_ Date: \_\_\_\_\_

- (3) All discretionary approvals by the City of Ithaca for parcel maps, subdivision maps or use permits relating to real property located within the IAWWTF Setback Zone, shall include a condition that the owners of such real property record a " PRESERVATION OF ITHACA AREA WASTEWATER TREATMENT FACILITIES NOTICE " in substantially the form provided in subsection C(2) of this section.
- (4) All applicants for building permits for new residential or commercial construction to be issued by the City of Ithaca located within the IAWWTF Setback Zone shall be provided with a "PRESERVATION OF ITHACA AREA WASTEWATER TREATMENT FACILITIES NOTICE" in substantially the form provided in subsection C(2) of this section.
- (5) The Clerk/Recorder/Assessor of the County shall include a "PRESERVATION OF ITHACA AREA WASTEWATER TREATMENT FACILITIES NOTICE" in substantially the form provided in subsection C(2) of this section with any grant deed, quitclaim deed or land sale contract located within the IAWWTF Setback Zone returned to the grantee by the Clerk/Recorder/Assessor after recording.
- (6) "City of Ithaca PRESERVATION OF ITHACA AREA WASTEWATER TREATMENT FACILITIES NOTICE". It is the declared policy of the City of Ithaca to conserve, enhance and encourage waste water treatment operations within the City of Ithaca. Residents, operators, and owners of property within the IAWWTF Setback Zone land should be prepared to accept the inconveniences and discomfort associated with waste water treatment operations, including, but not necessarily limited to: odors, trucks, lighting, construction, noise, fumes, dust, smoke, discharge, operation of machinery during any 24 hour period, delivery and application of chemicals, and storage,

**Deleted:** agricultural land, or

and disposal of biosolids and trucked waste. Consistent with this policy, City of Ithaca Code Section 262-137 provides that no operation, conducted or maintained for the purposes of serving the IAWWTF, and in a manner consistent with with current accepted professional practices, and comply with current regulatory standards, shall be or become a nuisance, private or public, due to any changed condition in or about the locality, after the same has been in operation for more than three years if it was not a nuisance at the time it began.

**Deleted:** , and the application of chemicals, amendments.

**Deleted:** the proper and accepted customs and standards established and followed by similar waste water treatment operations

D. NOTICE TO CORRECT. After receiving a complaint from an occupant within the IAWWTF Setback Zone, the City of Ithaca Assistant Superintendent of Water and Sewer shall immediately notify the Chief Operator of the Ithaca Area Waste Water Treatment Facility of the complaint. If the City of Ithaca Assistant Superintendent of Water and Sewer determines that such operations at the IAWWTF do not conform to current accepted professional practices, and do not comply with current regulatory standards, he or she shall endeavor specify any measures required to correct the situation, and the time within which the measures must be taken.

**Deleted:** activity does not conform with the proper and accepted customs and standards established in similar waste water treatments facilities,