

December-17

|              | Daily Flow |         |       | Aeration Tank 1 |     |           |          | Aeration Tank 2 |     |           |          | pH       |          | Temp       |          | Settable Solids | Turbidity | Waste Time | D.O.     | BOD (5-Day) |      |             | Suspended S |      |
|--------------|------------|---------|-------|-----------------|-----|-----------|----------|-----------------|-----|-----------|----------|----------|----------|------------|----------|-----------------|-----------|------------|----------|-------------|------|-------------|-------------|------|
|              | Max        | Min     | Total | MLSS            | SVI | High D.O. | Low D.O. | MLSS            | SVI | High D.O. | Low D.O. | Influent | Effluent | Influent   | Effluent | Effluent        | Effluent  |            | Effluent | INF.        | EFF. | % Removed   | INF.        | EFF. |
| Units        | MGD        |         |       |                 |     | MG/L      |          |                 |     | MG/L      |          | S.U.     |          | FAHRENHEIT |          | ML/L            | NTU       | mins       | MG/L     | MG/L        |      | %           | MG/L        |      |
| Testing Date | Daily      |         |       | Work Day        |     |           |          |                 |     |           |          |          |          |            |          | Daily           |           |            | Weekly   |             |      | Weekly      |             |      |
| 1            | 0.31968    | 0.05328 | 0.157 | 3768            | 360 | 5.5       | 4.3      | 3880            | 330 | 6.5       | 5.5      | 7.2      | 7        | 53         | 55       | 0               | 1.3       | 0          | 6.4      |             |      |             |             |      |
| 2            | 0.36       | 0.05904 | 0.163 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 3            | 0.37872    | 0.05904 | 0.161 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 4            | 0.396      | 0.05328 | 0.16  | 2800            | 400 | 6.5       | 2.5      | 3076            | 400 | 2.9       | 1.9      | 7.7      | 7        | 61         | 54       | 0               | 1.8       | 0          | 7.4      |             |      |             |             |      |
| 5            | 0.3528     | 0.04896 | 0.157 | 3512            | 400 | 4.8       | 3.8      | 3440            | 320 | 5         | 4.1      | 7.5      | 7        | 61         | 58       | 0               | 1.9       | 0          | 7.1      | 244         | 2    | 99.18032787 | 337         | 6    |
| 6            | 0.3435     | 0.04992 | 0.159 | 3532            | 370 | 5.7       | 4.7      | 2692            | 270 | 6         | 4        | 7.6      | 6.9      | 61         | 61       | 0               | 1.5       | 0          | 7.7      |             |      |             |             |      |
| 7            | 0.34416    | 0.06336 | 0.155 | 3460            | 400 | 5.7       | 4.7      | 2324            | 230 | 8.8       | 7.8      | 7.7      | 7        | 60         | 56       | 0               | 1.5       | 0          | 7.5      |             |      |             |             |      |
| 8            | 0.3456     | 0.05904 | 0.16  | 3816            | 420 | 6.2       | 5.2      | 2332            | 230 | 8.4       | 7.4      | 7.4      | 6.9      | 60         | 55       | 0               | 1.4       | 0          | 7.6      |             |      |             |             |      |
| 9            | 0.35712    | 0.108   | 0.161 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 10           | 0.36144    | 0.06048 | 0.165 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 11           | 0.33552    | 0.06336 | 0.164 | 3608            | 460 | 6.4       | 5.3      | 2728            | 280 | 6.8       | 5.8      | 7.7      | 6.9      | 53         | 52       | 0               | 1.1       | 0          | 7.4      |             |      |             |             |      |
| 12           | 0.34992    | 0.06336 | 0.163 | 2624            | 300 | 7.6       | 6.6      | 2804            | 290 | 6.9       | 6.7      | 7.5      | 7        | 55         | 56       | 0               | 1         | 0          | 7.6      | 250         | 2.16 | 99.136      | 292         | 3    |
| 13           | 0.39888    | 0.0504  | 0.174 | 2484            | 280 | 7.9       | 6.9      | 3012            | 320 | 7.8       | 6.8      | 7.3      | 7        | 56         | 54       | 0               | 1.4       | 0          | 7.3      |             |      |             |             |      |
| 14           | 0.33552    | 0.0648  | 0.165 | 2568            | 300 | 6.9       | 5.9      | 3052            | 330 | 7.9       | 6.9      | 7.5      | 7        | 56         | 53       | 0               | 1.4       | 0          | 7.1      |             |      |             |             |      |
| 15           | 0.34128    | 0.0648  | 0.166 | 2364            | 300 | 7.1       | 6.1      | 2612            | 280 | 7.7       | 6.7      | 7.1      | 7.1      | 56         | 54       | 0               | 1.2       | 0          | 7.4      |             |      |             |             |      |
| 16           | 0.35856    | 0.06624 | 0.168 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 17           | 0.37008    | 0.06336 | 0.17  |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 18           | 0.37008    | 0.06336 | 0.164 | 2948            | 380 | 6.8       | 5.8      | 1148            | 300 | 6.8       | 5.8      | 7.3      | 6.9      | 59         | 59       | 0               | 1.5       | 0          | 7.6      |             |      |             |             |      |
| 19           | 0.33984    | 0.0576  | 0.158 | 2564            | 310 | 1.7       | 0.7      | 2720            | 310 | 6.1       | 5.1      | 7.5      | 7        | 57         | 56       | 0               | 1.3       | 0          | 7.4      | 50.1        | 2.28 | 95.4491018  | 46          | 2    |
| 20           | 0.34848    | 0.06336 | 0.159 | 3016            | 360 | 5.7       | 2.9      | 3084            | 320 | 4.1       | 3.6      | 7.8      | 7.1      | 58         | 55       | 0               | 1.9       | 20         | 8        |             |      |             |             |      |
| 21           | 0.32688    | 0.06336 | 0.164 | 2436            | 300 | 2.5       | 1.5      | 2964            | 320 | 7.1       | 5.5      | 7.8      | 6.9      | 55         | 52       | 0               | 2.5       | 0          | 7        |             |      |             |             |      |
| 22           | 0.33984    | 0.05904 | 0.162 | 2520            | 310 | 5.1       | 4.4      | 2952            | 320 | 7.1       | 6.1      | 7.7      | 7.1      | 56         | 52       | 0               | 2         | 0          | 7        |             |      |             |             |      |
| 23           | 0.3456     | 0.05904 | 0.154 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 24           | 0.38592    | 0.04752 | 0.157 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 25           | 0.35856    | 0.05472 | 0.154 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 26           | 0.35136    | 0.0504  | 0.156 | 3196            | 450 | 6.3       | 5.3      | 3340            | 400 | 5.4       | 4.1      | 7.4      | 6.8      | 57         | 48       | 0               | 1.7       | 0          | 7.5      | 265         | 2.25 | 99.1509434  | 324         | 1    |
| 27           | 0.3456     | 0.05328 | 0.153 | 3080            | 460 | 4.2       | 3.2      | 3340            | 410 | 7.5       | 5.9      | 7.3      | 7        | 57         | 54       | 0               | 1.6       | 0          | 7.3      |             |      |             |             |      |
| 28           | 0.35856    | 0.0648  | 0.162 | 3316            | 430 | 4.6       | 3.3      | 3348            | 430 | 7.6       | 3.3      | 7.5      | 6.8      | 53         | 48       | 0               | 1.4       | 0          | 9        |             |      |             |             |      |
| 29           | 0.33552    | 0.06336 | 0.153 | 2996            | 420 | 4.5       | 3.5      | 2296            | 430 | 2.5       | 1.5      | 7.5      | 6.9      | 54         | 49       | 0               | 1.9       | 0          | 8.5      |             |      |             |             |      |
| 30           | 0.3456     | 0.06768 | 0.158 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |
| 31           | 0.33264    | 0.05616 | 0.151 |                 |     |           |          |                 |     |           |          |          |          |            |          |                 |           |            |          |             |      |             |             |      |

[illegible]

Sludge Disposal Location:  
Mattabasset Sewer District

Please return forms to:  
DEEP - Water Bureau  
ATTN: Municipal Wastewater Monitoring Coordinator  
Municipal Facilities  
79 Elm Street  
Hartford, CT 06106-5127

### Statement of Acknowledgement

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