

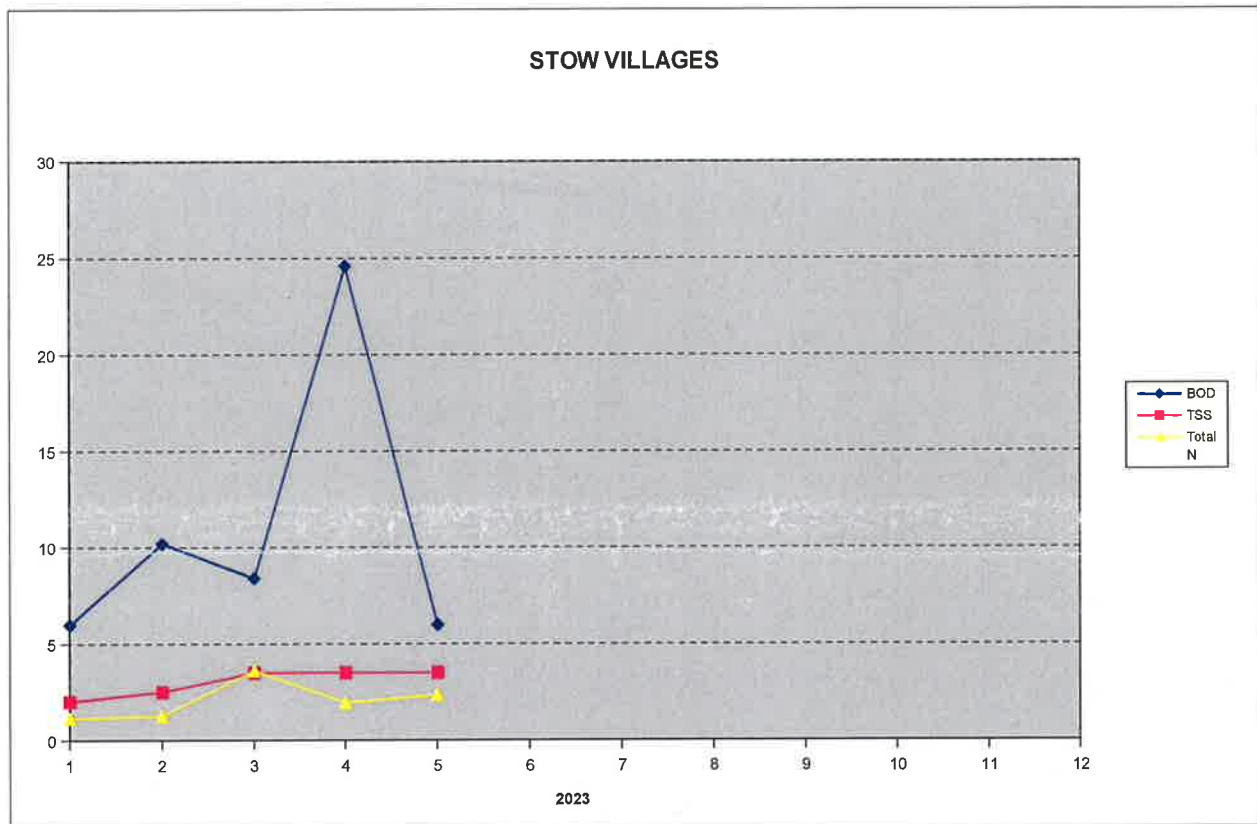
June 26, 2023

Villages at Stow
 c/o Alpine Property Management
 Jason Merryman
 12 Damonmill Square
 Concord, MA 01742

RE: STOW--Sewage Treatment--Inspection of Sewage Treatment Facility at Stow Villages facility, Job No. 22-285A, Permit No. 0-786.

Gentlemen:

Please find enclosed our May 2023 inspection report for the treatment facility servicing the Villages at Stow on Great Road in Stow. This writer conducted a routine monthly inspection of the facility on May 19, 2023 with Steve Hansen, the plant operator.



All major plant equipment was in proper operating order at the time of this inspection. RBC, clarifier, and filter were all in satisfactory condition. One blower was off at this time. All other pumps and blowers were in proper working order on this date.

BOD, TSS and total nitrogen were again satisfactory and within desired limits based on this month's lab data. BOD was greatly improved and more in line with typical performance of the facility. Coliform counts were satisfactory improved this month and UV bulbs will continue to be cleaned and checked. The building fan was on and there was no moisture within the building at this time. Fans were on and controlled by a thermostat within the building. There were no odors in the vicinity of the facility at this time. Monthly lab data and DMR forms are included with this streamlined report.

If you should have any questions or require additional information, please feel free to contact this office.

Very truly yours,

Mount Hope Engineering, Inc.



Todd Chaplin, PE

Copy to: DEP-electronically filed
Stow Board of Health
Waste Water Environmental Management, Inc.



Groundwater Permit
DAILY LOG SHEET

| |
|-------------------------------|
| 786 |
| 1. Permit Number |
| [REDACTED] |
| 2. Tax identification Number |
| 2023 MAY DAILY |
| 3. Sampling Month & Frequency |

C. Daily Readings/Analysis Information

| Date | Effluent Flow GPD | Reuse Flow GPD | Irrigation Flow GPD | Turbidity | Influent pH | Effluent pH | Chlorine Residual (mg/l) | UV Intensity (%) |
|------|-------------------|----------------|---------------------|-----------|-------------|-------------|--------------------------|------------------|
| 1 | 18225 | | | | 6.5 | 6.4 | | 100 |
| 2 | 12989 | | | | 6.5 | 6.8 | | 100 |
| 3 | 10486 | | | | 6.7 | 6.7 | | 100 |
| 4 | 13222 | | | | 6.2 | 6.5 | | 100 |
| 5 | 13400 | | | | 6.0 | 6.3 | | 100 |
| 6 | 13139 | | | | | | | |
| 7 | 12980 | | | | | | | |
| 8 | 14326 | | | | | | | |
| 9 | 12886 | | | | 6.8 | 7.3 | | 100 |
| 10 | 13186 | | | | 7.0 | 7.3 | | 100 |
| 11 | 16038 | | | | 6.9 | 7.2 | | 100 |
| 12 | 13124 | | | | 7.0 | 7.3 | | 100 |
| 13 | 12019 | | | | | | | |
| 14 | 15483 | | | | | | | |
| 15 | 16046 | | | | 6.8 | 7.1 | | 100 |
| 16 | 12448 | | | | 7.1 | 6.8 | | 100 |
| 17 | 16147 | | | | 6.7 | 7.2 | | 100 |
| 18 | 14426 | | | | | | | |
| 19 | 14653 | | | | | | | |
| 20 | 13992 | | | | | | | |
| 21 | 14407 | | | | | | | |
| 22 | 12642 | | | | | | | |
| 23 | 14288 | | | | 6.6 | 6.3 | | 100 |
| 24 | 13060 | | | | 7.2 | 6.3 | | 100 |
| 25 | 12603 | | | | 6.8 | 6.2 | | 100 |
| 26 | 12149 | | | | 6.6 | 6.1 | | 100 |
| 27 | 10278 | | | | | | | |
| 28 | 12148 | | | | | | | |
| 29 | 13241 | | | | | | | |
| 30 | 14075 | | | | 7.2 | 7.4 | | 100 |
| 31 | 14075 | | | | 7.0 | 7.3 | | 100 |



Groundwater Permit
MONITORING WELL DATA REPORT

| |
|-------------------------------|
| 786 |
| 1. Permit Number |
| [REDACTED] |
| 2. Tax identification Number |
| 2023 MAY MONTHLY |
| 3. Sampling Month & Frequency |

C. Contaminant Analysis Information

- For "0", below detection limit, less than (<) value, or not detected, enter "ND"
- TNTC = too numerous to count. (Fecal results only)
- NS = Not Sampled
- DRY = Not enough water in well to sample.

<

| Parameter/Contaminant | MW1 | MW2 | MW3 | MW4 | Well #: 5 | Well #: 6 |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Units | Well #: 1 | Well #: 2 | Well #: 3 | Well #: 4 | | |
| PH | 6.05 | 6.44 | 6.70 | 6.32 | | |
| S.U. | | | | | | |
| STATIC WATER LEVEL | 11.3 | 10.9 | 14.0 | 12.1 | | |
| FEET | | | | | | |
| SPECIFIC CONDUCTANCE | 177 | 127 | 646 | 1131 | | |
| UMHOS/C | | | | | | |



Groundwater Permit

786

1. Permit Number

2. Tax identification Number

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Any person signing a document under 314 CMR 5.14(1) or (2) shall make the following certification

If you are filing electronic-ally and want to attach additional comments, select the check box.



Facility Information

STOW VILLAGES, LLC

a. Name

OFF ROUTE 117

b. Street Address

STOW

c. City

MA

d. State

01775

e. Zip Code

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

TODD CHAPLIN

a. Signature

6/26/2023

b. Date (mm/dd/yyyy)

Reporting Package Comments

THIS WRITER PERFORMED A ROUTINE MONTHLY INSPECTION ON MAY 19TH WITH THE PLANT OPERATOR STEVE HANSEN. ALL MAJOR PLANT EQUIPMENT WAS IN PROPER OPERATING ORDER AT THE TIME OF THIS INSPECTION. RBC, CLARIFIER, AND FILTER WERE ALL IN SATISFACTORY CONDITION. ONE BLOWER WAS OFF AT THIS TIME. ALL OTHER PUMPS AND BLOWERS WERE IN PROPER WORKING ORDER ON THIS DATE. BOD, TSS AND TOTAL NITROGEN WERE AGAIN SATISFACTORY AND WITHIN DESIRED LIMITS BASED ON THIS MONTH'S LAB DATA. BOD WAS GREATLY IMPROVED AND MORE IN LINE WITH TYPICAL PERFORMANCE OF THE FACILITY. COLIFORM COUNTS WERE SATISFACTORY IMPROVED THIS MONTH AND UV BULBS WILL CONTINUE TO BE CLEANED AND CHECKED. THE BUILDING FAN WAS ON AND THERE WAS NO MOISTURE WITHIN THE BUILDING AT THIS TIME. FANS WERE ON AND CONTROLLED BY A THERMOSTAT WITHIN THE BUILDING. THERE WERE NO ODORS IN THE VICINITY OF THE FACILITY AT THIS TIME. MONTHLY LAB DATA AND DMR FORMS ARE INCLUDED WITH THIS STREAMLINED REPORT.