

TOWN OF RED HOOK WATER DISTRICT NO. 1

Public Water System ID: NY 1302788

May 26, 2022 Work Session Summary

April 2022 Monthly Reports

Attendees: Hank Van Parys, Chairman, Doreen Buono, Secretary, Fernando Dongo,
Principal of C3ND Services

| <u>Monthly Items</u> | <u>Normal</u> | <u>April 2022</u> |
|-----------------------------------|--|-----------------------------|
| Water Pumped | 60 Kgpd | 70 <u>Kgpd</u> |
| Some usage by Bard College | | |
| 1. Well levels: | Well 1 – 45 Running | Well 1 - 50 Resting |
| | Well 2 – Running | Well 2 - 35 Resting |
| 2. Pump Volumes: | Well # 1 Pumping @ | 82 GPM** |
| | Well # 2 Pumping @ | N/A GPM** |
| | Well #2: Need to replace pump and motor | |
| | Well #1: Volume low, filter cartridges replaced. Volume back to normal @ 97 GPM | |
| 3. Coliform Report | none detected | none detected |
| 4. Turbidity (NTU) | <1.0 required | .10 NTU* |
| | *(Nepthalometric Turbitdity Units) | |
| 5. Chlorine Residual | <1.0 goal | 0.6 PPM* |
| | | *(parts per Million) |

Ongoing items:

| 1. <u>2022 Water Test Requirements:</u> | <u>STATUS</u> |
|---|----------------------|
| PFOS - yearly | due by 12/31/2022 |
| PFOA - yearly | due by 12/31/2022 |
| DIOXANE - yearly | due by 12/01/2022 |
| Asbestos - every 9 Yrs | due by 12/31/2030 |
| Lead, Copper - every 3 years (10 Sites between 6/3 & 9/3) | due by 09/30/2024 |
| Nitrate - yearly | due 12/31/2022 |
| POC & MTBE - yearly | due 12/31/2022 |
| Disinfection by-products: | |
| THMS - yearly | due 7/1 - 9/30/2022 |
| HAA5 - yearly | due 7/1 - 9/30/2022 |

2. Current Inventory:

- **Cartridge replacement in April 2022**
We have 6 - 5 Micron filter cartridges in stock.
We have 6 - 1 Micron filter cartridges in stock.
Top-seals in stock = 4
5 each additional cartridges ordered – we need 10 total
- **Full Inventory**
Handwritten – C3ND will digitize and send.
Curb Boxes w/Risers. Received 5

Ongoing Items continued:

3. SODIUM HYPOCHLORITE (chlorine) current supply:

IN 5 GALLON CONTAINERS:

Reordered and received

4. Pump Control Via Water Pressure:

By “dialing down” the pump volumes, we can use the transducer to monitor water pressure in the water main during pumping, and thus use that pressure to turn the pumps off. Thereby eliminating the need for the timer. This is working.

I have asked Dan Valentine, (Tighe & Bond), to prepare a “spec” for submittal to the Health Department. – Still Waiting

5. Tank Inspection:

Started on 3/21. But ice in tank precludes interior inspection. They will come back Completed May 10th, 2022. We are awaiting report.

6. Fences: Poison Ivy on fences

Pour Chlorine along the fence to kill the ivy.

To be done.