



Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

SALLY DRESLIN, M.S., R.N.
Executive Deputy Commissioner

August 12, 2016

Roger Haag, P.E.
Wedotanks.com, LLC
15990 S. Rancho Sahuarita Blvd.
Ste. 150, Box 215
Sahuarita, AZ 85629

Re: Plan Approval - The Orchards
Mobile Home Park and Public Water Supply
(T) Fallsburg, Sullivan County, NY

Dear Mr. Haag,

The New York State Department of Health, Monticello District Office has completed review of the most recently revised Engineering Plans, Engineering Report, and Technical Specifications for the above referenced project. The Engineering Plans by Roger Haag, P.E. revised on 8/8/16, the Engineering Plans by Leonard Jackson Associate revised on 8/9/16, and Public Water System Engineering Report and Technical Specifications by Roger Haag, P.E. revised on 7/14/16 are acceptable for NYSDOH approval.

The approval of the proposed project consists of:

1. The construction of an 83-unit mobile home park in accordance with 10NYCRR Part 17.
2. The construction of a community water supply in accordance with 10NYCRR Part 5, Subpart 5-1.

Two (2) full size copies of the Engineering Plans were included with your submission. One (1) copy of the full size Engineering Plans has been returned with our approval and one (1) copy of the full size has been retained for our file. The single copy of the engineering report and technical specifications included with your submission has also been retained for our file.

Included with this correspondence is a copy of Form DOH-1017 *"Approval of Plans for Public Water Supply Improvement"*.

Your attention is directed to the conditions of approval. In order for this approval to remain in effect these conditions must be adhered to.

Should you have any questions, please do not hesitate to contact me at 845- 794-2045.

Sincerely,

Minzi Pan, P.E.
Public Health Engineer II

Monticello District Office | 50 North St., Suite 2, Monticello, NY 12701 | health.ny.gov

cc: Justin Lim, P.E., LA
Moishe Schimmel
Mollie Messenger, Town of Fallsburg CEO
File

Approval of Plans for Public Water Supply Improvement

This approval is issued under the provisions of 10 NYCRR, Part 5:

1. Applicant Moishe Schimmel	2. Location of Works (C, V, T) (T) Fallsburg	3. County Sullivan	4. Water District (Specific Area Served) Orchards Mobile Home Park
5. Type of Project <input checked="" type="checkbox"/> 1 Source <input checked="" type="checkbox"/> 3 Pumping <input type="checkbox"/> 5 Fluoridation <input checked="" type="checkbox"/> 7 Distribution <input type="checkbox"/> 9 Other <input type="checkbox"/> 2 Transmission <input checked="" type="checkbox"/> 4 Chlorination <input type="checkbox"/> 6 Other Treatment <input checked="" type="checkbox"/> 8 Storage			
Remarks: A new community water supply system serves 83 4-bedroom mobile homes. The water system consists of 3 bedrock wells, Wells #1, #2, & #3, a chlorination system, a 197,920 gallon drinking water storage tank, two booster pumps, approx. 7,400 LF 4" Class 150 (DR11) HDPE water main, and an 8" DIP fire line with two hydrants.			

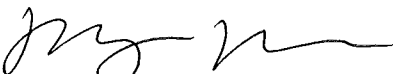
By initiating improvement of the approved supply, the applicant or designated representative in responsible charge accepts and agrees to abide by and comply with the following conditions:

- 1 THAT the proposed works are constructed in complete conformity with the plans and specifications approved this day or approved amendments and conditions thereto.
- 2 THAT the proposed works be constructed in accordance with all applicable Federal, State, and local regulations.
- 3 THAT prior to approval of completed works, hydrostatic pressure testing of all water mains shall be conducted in accordance with applicable AWWA and ASTM Standards and with satisfactory results.
- 4 THAT prior to approval of completed works, disinfection of water tank, all new water mains and appurtenances shall be conducted in accordance with applicable AWWA standards. This shall include satisfactory results from microbiological analysis of samples collected on two consecutive days at representative points in the distribution system. The results of those analyses shall be forwarded to this office upon completion.
- 5 THAT upon completion of works, this office shall receive a letter bearing the seal of a NYS Licensed Professional Engineer certifying that the installation is completed in compliance with approved plans.
- 6 THAT the proposed works not be placed into operation until such time as a Completed Works Approval is issued by this office in accordance with Part 5 of the New York State Sanitary Code.
- 7 THAT the engineer of record shall provide manuals and parts lists for installed equipment and shall also provide a set of as-built drawings (with equipment manufactures and model numbers noted) to the system owner; and that the water system owner shall then maintain and update these documents as needed.

ISSUED FOR THE STATE COMMISSIONER OF HEALTH

August 12, 2016

 Date


 _____, P.E.
 Designated Representative
 Minzi Pan, P.E.
 Public Health Engineer II
 NYSDOH – Monticello District Office

General

6. Type of Ownership			<input type="checkbox"/> 68 Private – Other	<input type="checkbox"/> 1 Authority	<input type="checkbox"/> 30 Interstate
<input type="checkbox"/> Municipal	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Private – Institutional	<input type="checkbox"/> 19 Federal	<input type="checkbox"/> 40 International	
<input type="checkbox"/> Industrial	<input type="checkbox"/> 9 Water Works Corp.	<input type="checkbox"/> 26 Board of Education	<input type="checkbox"/> 20 State	<input type="checkbox"/> 18 Indian reservation	
7. Estimated Total Cost \$420,000		8. Population Served 83 units		9. Drainage Basin Delaware River	
10. Federal Aid Involved? <input type="checkbox"/> 1 Yes <input checked="" type="checkbox"/> 2 No			11. WSA Project? <input type="checkbox"/> 1 Yes 2 <input checked="" type="checkbox"/> No		

Source

12. <input type="checkbox"/> Surface Name: Class:		13. Est. Source Development Cost
<input checked="" type="checkbox"/> Ground Name: Wells #1, #2, & #3 Class:		\$35,000
14. Safe Yield Well #1 – 50.6 gpm, Well #2 – 9.04 gpm, Well #3 – 41.96 gpm	15. Description: Bedrock wells	

Treatment

16. Type of Treatment			
<input type="checkbox"/> 1 Aeration	<input type="checkbox"/> 4 Sedimentation	<input type="checkbox"/> 7 Iron Removal	<input type="checkbox"/> 10 Softening
<input type="checkbox"/> 2 Microstrainers	<input type="checkbox"/> 5 Clarifiers	<input checked="" type="checkbox"/> 8 Chlorination	<input type="checkbox"/> 11 Corrosion Control
<input type="checkbox"/> 3 Mixing	<input type="checkbox"/> 6 Filtration	<input type="checkbox"/> 9 Fluoridation	<input type="checkbox"/> 12 Other
17. Name of Treatment Works Orchards MHP PWS	18. Max. Treatment Capacity 101.6 gpm	19. Grade of Plant Operator Req. C	20. Est. Cost Included \$5,000
21. Description. Sodium hypochlorite will be injected prior and after the storage tank to maintain min. 0.2 ppm free Cl residual.			

Distribution

22. Type of Project		23. Type of Storage		24. Est. Distribution Cost
<input type="checkbox"/> 1 Cross Connection		<input type="checkbox"/> Grade Level		\$344,000
<input type="checkbox"/> 2 Interconnection		<input type="checkbox"/> Elevated		
<input type="checkbox"/> 3 Transmission		<input checked="" type="checkbox"/> Underground (197,920 gallon)		
<input type="checkbox"/> 4 Fire Pump Cl ₂				
<input checked="" type="checkbox"/> 5 Distribution Mains				
<input checked="" type="checkbox"/> 6 Other (STORAGE)				
25. Anticipated Distribution System Demand: Avg. <u>0.038 MGD</u> Max. <u>0.076 MGD</u>			26. Designed for fire flow? <input checked="" type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	
27. Description Construction of a 197,920-gallon water storage tank; construction of a 167.5-gpm booster pump station; installation of approximately 7,400 LF of 4" DR11 HDPE water main, a 8" DIP fire line, and 86 water service connections.				