County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 7909 • RIVERSIDE, CA 92513-7909
STEVE VAN STOCKUM, DIRECTOR

Date: April 3, 2018

System No. 3301491

Alpine Village Water Co., LLC
Attn: Jim McClain
61495 Geneva Heights
Mountain Center, CA 92561

Enclosed is Citation and Compliance Order No. 05_63_18R_001 issued to Alpine Village public water system.

Any person who is aggrieved by a Citation and Compliance Order issued by the Riverside County LPA may file a petition with the State Water Resources Control Board (State Water Board) for reconsideration of the Citation. Petitions must be received by the State Water Board within 30 calendar days of the issuance of the Citation. The date of issuance is the date when the Riverside County LPA mails or serves a copy of the Citation, whichever occurs first. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day. Petitions must be received by 5:00 p.m. Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

If you have any questions regarding this matter, please contact me at (760) 863-7570.

Sincerely,

Mark Abbott
Supervising Environmental Health Specialist

County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 7909 • RIVERSIDE, CA 92513-7909
STEVE VAN STOCKUM, DIRECTOR

CITATION AND COMPLIANCE ORDER
NO. 05_63_18R_001

WATER SYSTEM NO. 3301491
Alpine Village
Palm Canyon Road, Pinyon Flats

TO: Alpine Village Water Co., LLC
Attn: Jim McClain
61495 Geneva Heights
Mountain Center, CA 92561

April 3, 2018

FINDINGS OF FACT

OVERVIEW

Alpine Village (hereafter "Alpine Village" or "Respondent") is a Community Water System serving approximately 60 active service connections and 2-3 inactive connections (empty lots with meters). There are currently four active sources for this water system and two pressure zones. The Community Well (3301491-003) is a primary source and is located on Saint Pierre Road. This well is 300' deep with an 8" casing and 5 hp submersible pump. The Community Well pumps to a 1,250 gallon pressure tank located near the well then into the lower distribution system. This well pumps ~45 gpm. Well A (3301491-001) is located just east of Palm Canyon on the north end of the development. Well A is 550' deep with a 5 hp submersible pump. Well A delivers water into the upper distribution system and can fill the newer 83,592 gallon tank. Well A pumps ~15-20 gpm. Well #1 (3301491-002) is located just west of Palm Canyon on the north end of the development. Well #1 is 660' deep with a 5 hp submersible pump. Well #1 pumps directly to a 4,000 gallon poly tank which is then boosted into the 83,592 gallon tank. Well #5 (Geneva Hts Well) (3301491-005) is located on Geneva Heights. Well #5 is ~700' deep with a 1.5 hp submersible pump. Well #5 delivers water into the distribution system and can help fill the 83,592 gallon tank.

Well #2 Asbestos Mtn (3301491-004) is located east of Palm Canyon near the 83, 592 gallon tank. Well #2 has uranium levels over the maximum contaminant level of 20 pCi/L. Well #2 was put online in August 2015; however, due to low production and uranium levels exceeding the MCL, it was taken off line in July 2017.

There is a booster pump on Palm Canyon close to Well A which pumps water from the 4,000 gallon poly tank to the 83,592 gallon tank. The capacity of the pump is approximately 20 gpm. This booster pump currently operates every other day. There is also a booster station located on Geneva Heights Street. This booster system pumps from the lower pressure zo e (which is supplied by the Community Well) and utilizes a 800 gallon gravity tank that acts as a forebay for the booster pump that supplies the middle pressure zone.

There is a newer 83,592 gallon bolted steel tank and a ~4000 gallon NSF 61 Polyethylene tank. The newer 83,592 gallon tank installation was completed in June 2015.

Well #5 exceeds the standard for Uranium. This standard or Maximum Contaminant Level ("MCL") for Uranium is pursuant to the California Code of Regulations ("CCR") Title 22, Section 64442(a). Well #5 was previously classified as a stand by well; however, due to low water production from the existing wells, Alpine Village requested a change of status to permanent in February 2018. Data from Well #5 in 2017 indicated the following results for Uranium:

Date of Sampling	**Result**
April 2017 and June 2017 (2nd quarter 2017)	37.00 pCi/L + 42.00 pCi/L=79/2=39.5 pCi/L
September 2017 (3rd quarter 2017)	41.00 pCi/L
December 2017 (4th quarter 2017)	28.00 pCi/L
Running Annual Average (RAA)	27.00 pCi/L

Once Well #5 was placed into permanent status in early March 2018 and due to the current RAA above the MCL of 20 pCi/L, Riverside County Department of Environmental Health (the "Department") ordered Alpine Village to issue a Tier 2 uranium notice to their water consumers within 30 days. The Tier 2 uranium notice was issued on March 3, 2018. The Department received a Proof of Notification from the certified water operator, Merl Johnson.

ORDER

Pursuant to the California Safe Drinking Water Act, Health & Safety Code Sections 116650 and 116655, the Riverside County Department of Environmental Health (the "Department") hereby orders Alpine Village to do the following:

1. Secure a reliable source of water. The following are some available options:

   A. Provide a State Water Resources Control Board Division of Drinking Water ("DDW") approved well head treatment system to correct the Uranium MCL violation. DDW and this Department must approve any type of treatment prior to installation.

   B. Blend existing sources to comply with the Uranium MCL. DDW and this Department must approve the blending plan prior to implementation.

2. Apply to the State Water Resources Control Board Division of Drinking Water for financial aid to permanently correct the uranium MCL violation. The Financial Assistance Application Submittal Tool ("FAAST") is the first step in requesting funding for projects to correct public water system problems through programs administered by DDW.

To learn more about FAAST, please follow this link:
http://www.waterboards.ca.gov/drinking_water/services/funding/SRF.shtml

Alpine Village decision on the method of compliance and reasonable work schedule is to be submitted to this Department, in writing, no later than **Monday, July 2, 2018.** Respondent shall indicate the estimated amount of time necessary to complete either of the above-referenced options. The Department will take under consideration Respondent's submitted work schedule and estimated time of completion and will either accept or modify the Respondent's proposed date, and will notify the Respondent of its decision, in writing. In the interim, the Respondent shall continue: (1) Quarterly monitoring for Uranium at Well #5 (2) Provide quarterly notifications to all residents regarding the Uranium levels in the water, and (3) Submit proof of that notification to the Department.

PARTIES BOUND

This Citation & Compliance Order ("Order") shall apply to and be binding upon the Respondent, its officers, directors, agents, employees, successors and assignees.

SEVERABILITY

The requirements of this Order are severable, and Respondent shall comply with each and every provision thereof notwithstanding the effectiveness of any provisions.

PENALTIES FOR NONCOMPLIANCE

Failure to comply with all the terms of this Order may subject Respondent to civil penalties and/or any costs incurred by the Department as a result of such failure, as provided by Health & Safety Code section 116595 and other applicable provisions of law.

OTHER PROVISIONS

The Department reserves the right to make such modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as an amendment to this Order and shall be effective upon issuance.

All submittals required by this Order shall be addressed to:

County of Riverside
Department of Environmental Health
Attention: Mark Abbott
47-950 Arabia Street Ste. A
Indio, CA 92201
(760) 863-7570

If Respondent is unable to perform the tasks specified in this Order for any reason beyond the Respondent's control, and if Respondent notifies the Department in advance of the due date, the Department *may* extend the time for performance if Respondent demonstrates good cause, which includes good faith efforts to comply with the schedules and other requirements of this Order. The decision to extend the date(s) of compliance shall be based upon good cause shown and within the sole discretion of the Department.

If Respondent fails to perform any of the tasks specified in this Order by the time described herein or by the time as subsequently extended pursuant to the paragraph above, Respondent shall have failed to comply with the obligations of this Order and may be subject to additional action, including but not limited to civil penalties specified in Health & Safety Code sections 116650 and 116725.

The County of Riverside shall not be held liable for any injuries or damages to persons or property resulting from acts or omissions by the Respondent, its employees, agents, or contractors in carrying out activities pursuant to this Order, nor shall the County of Riverside be held as a party to any contract entered into by the Respondent or its agents in carrying out activities pursuant to this Order.

By issuance of this Order, the Department of Environmental Health does not waive any further enforcement actions.

4-3-18
Date

Mark Abbott
Supervising Environmental Health Specialist

CERTIFIED MAIL: 7015 0640 0006 0766 5285