

May 17, 2024
Job No. 5265.01

Mr. Ishvi Aum
P.O. Box 1033
Mendocino, CA 95460

Subject: Well Yield Test Results / Water Quantity Report
13551 Point Cabrillo Drive, Mendocino, CA, APN: 11816038

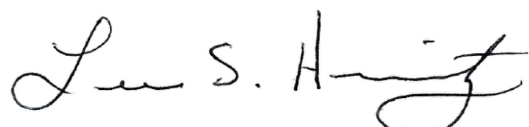
Mr. Aum:

On May 16, 2024, Hurvitz Environmental Services (HES) performed a well yield test for the well located at the subject property. The subject property and well location are shown on the **Site Plan, Plate 1**. No Well Completion Report was available at the time of testing however, the total well depth was measured to be approximately 125 feet below grade and the initial water level was measured at 7 feet below the top-of well casing. HES used the existing 1/2hp submersible pump to test the well which was set at an approximate depth of 125 feet bg and a Solinst electronic water level meter was utilized to measure drawdown in the well. A badger M25 totalizing flow meter was utilized to measure the flow rate and total volume pumped.

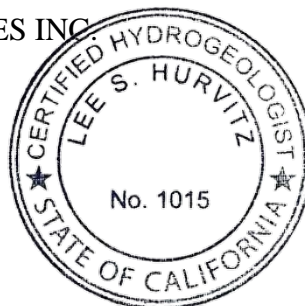
The Well Yield Test lasted for 260 minutes (4 hours and 20 minutes) and the stabilized drawdown was 8.25 feet with a sustained yield of 6.9 gpm. The specific capacity was calculated to be 0.84 gpm/foot of drawdown (i.e., 6.9 gpm / 8.25 feet). The Mendocino County Water Quantity Report (Form #26-05) and Site Photos are attached in **APPENDIX A**. A total of 1,799 gallons were pumped from the well during the 260-minute test. HES also collected well recovery data following completion of the 260-minute well test. Within 10-minutes of turning off the well pump the water levels had recovered to 90% of the static level, and a 100% water level recovery was recorded after 75 minutes.

We trust that this provides the information you require at this time. If you have any questions or require any additional information, please feel free to contact us at 707-824-1690 or www.hurvitzenvironmental.com

Sincerely,
HURVITZ ENVIRONMENTAL SERVICES INC.



Lee S. Hurvitz, PG #7573, CHG #1015
Certified Hydrogeologist





HURVITZ ENVIRONMENTAL
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Site Plan
APN: 11816038
13551 Point Cabrillo Drive
Mendocino, CA

JOB NUMBER:
5265.01

DATE:
05/17/24

PLATE:
1

APPENDIX A

Mendocino County Water Quantity Report (Form #26-05)

Water Quantity Report

Owner Name **Ishvi Aum**
 Site Address **13551 Point Cabrillo Drive**
 APN **11816038**
 Subdivision #
 Well Location (attach a Scaled Map)
 Total Depth of Well **125 feet**

Test Date **May 16, 2024**
 Recorded by **Lee S. Hurvitz, CHG #1015**
 Bore Dia. **NA**
 Casing Dia. **5-inches**
 Vol/Ft. **1.02 gal/ft**
 Depth to Static Water **7 feet from top of casing**

Time	Elapsed Time	Total Time	Depth to H2O	Draw down	Meter Reading	Total Gallons	GPM	GPM per FT

Show calculations for volume of the developed well in Gallons per Foot:
125 feet (well depth) x 5-inches² (well diameter squared) x 0.0408 = 127.5 gallons in well casing volume
 so,
127.5 gallons(total well volume) / 125 feet (total well casing depth) = 1.02 gallons/ft of well casing

I certify the test was carried out by the procedures specified by the Mendocino County Division of Environmental Health.
 I declare under penalty of perjury that the foregoing is true and correct.

Signed: *Lee S. Hurvitz*

SITE PHOTOGRAPHS



Photo 1: View of Site Well during testing.

SITE PHOTOGRAPHS



Photo 2: View of well house located adjacent to the Site well.



Photo 3: View inside well house located next to Site well.

SITE PHOTOGRAPHS



Photo 4: View of totalizing flow meter used to measure flow rate and volume.