

Round Valley Drought Vulnerability and Adaptation Evaluation Report

Prepared by the Round Valley County Water District as part of its Drought Vulnerability Planning Project and the Urban and Multibenefit Drought Relief initiative. This report documents the Groundwater Vulnerability Monitoring Assessment Project, funded by a grant from the California Department of Water Resources.

Region: Round Valley & Covelo area, Mendocino County, CA

Author: Imil Ferrara, General Manager, Round Valley County Water District

Date: August 31, 2025

Prepared in alignment with: SB 552, GHD Monitoring-Well Study, Mendocino County Drought Resilience Plan (DRP)

Round Valley County Water District

P.O. Box 535

Covelo, CA 95428

water.roundvalley.org



Board of Directors
Dane Downing, Chair
John Marshall, Vice Chair
Robert Wyre
Sandra Mullen
Bruce Hilbach-Barger
General Manager
Imil Ferrara
Project Manager
Lourance Hall

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation
Report

Table of Contents

1. Executive Summary 1

2. Regional Context and Hydrogeologic Background 1

 2.1. Round Valley 1

 2.2. Geologic and Hydrogeologic Setting 2

 2.3. Groundwater Occurrence and Aquifer Characteristics 3

 2.4. Groundwater Recharge 3

 2.5. Groundwater Discharge and Pumping 3

 2.6. Storage Capacity and Water Levels 4

 2.7. Water Quality Considerations 4

3. Water Supply and Drought Vulnerability 5

 3.1. Physical Vulnerabilities 5

 3.2. Social and Infrastructure Vulnerabilities 5

4. Water Quality and Drought Vulnerability: Findings from Spring and Summer, 2025 6

 4.1. Water Quality Findings from Round Valley County Water District’s New Monitoring Well Network 8

 4.2. Water Quality Findings from Round Valley County Water District’s Community Water Quality Testing 9

 4.3. Arsenic in Round Valley 11

 4.4. Iron, Manganese and Barium in Round Valley 12

 4.5. PFAS in Round Valley 13

5. Monitoring Infrastructure Enhancements (2023–2025) 14

 5.1. Groundwater Monitoring Network 14

 5.2. Instrumentation, Data Management, and GIS Integration 20

 5.3. Rainfall Monitoring 22

6. Policy and Program Alignment with Mendocino County DRP 23

 6.1. Drought Stage Triggers (per DRP): 23

 6.2. County Responsibilities: 24

7. Potential Adaptation Strategies 24

 7.1. Supply-Side Measures 24

 7.2. Demand-Side Measures 24

 7.3. Institutional Measures 24

8. Implementation Framework 25

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

9. Funding Opportunities	25
10. Conclusions.....	25
10.1. Groundwater Management.....	25
10.2. Monitoring and Future Planning.....	26
10.3. Conclusion	26
11. References.....	27

Figure index

Figure 1. Round Valley	2
Figure 2. Round Valley View	6
Figure 3. Water Quality Testing, June 2025	7
Figure 4. Monitoring Well Construction, March 2025	15
Figure 5. Monitoring Well Construction, March 2025	16
Figure 6. Completed Monitoring Well Vault, April 2025	17
Figure 7. Completed Monument for Artesian Monitoring Well, April 2025	18
Figure 8. Map of Round Valley Monitoring Well Network and Weather Station	19
Figure 9. Monitoring Well Survey, June 2025	21
Figure 10. Online Groundwater Spatial Analysis	22
Figure 11. New Rain Gauge and Weather Station Installed August, 2025, in Covelo, CA	23
Figure 12. Round Valley at Mill Creek	26

Appendices

- Appendix A. GHD Monitoring Well Siting Study
- Appendix B. Monitoring Well Water Quality Testing Results
- Appendix C. Community Water Quality Testing Results
- Appendix D. Permits
- Appendix E. Monitoring Well Boring Logs and Driller’s Well Completion Reports
- Appendix F. Monitoring Well Survey

1. Executive Summary

This report will be used to guide future planning and resilience-building efforts of the Round Valley County Water District. It supports the District’s mission, recognizing that while the Round Valley County Water District does not provide water service or manage infrastructure, it plays a central role in coordinating groundwater data collection, monitoring, and collaborative planning with local residents, Tribes, and agencies. By documenting the District’s current drought resilience status and outlining a forward-looking strategy, this report represents a foundational step in establishing a proactive, data-driven drought adaptation approach tailored to the unique hydrologic and social conditions of the Round Valley basin.

Round Valley, located in north-central Mendocino County, CA, is a remote, groundwater-dependent community that includes the town of Covelo and Round Valley Indian Reservation. This report addresses drought vulnerability and adaptation strategy in Round Valley, integrating recent hydrogeologic assessments, county-level drought planning efforts, and local implementation of monitoring infrastructure.

As of 2025, Round Valley has completed several major resilience upgrades, including the installation of 11 new groundwater monitoring wells, pressure transducer systems for hourly water-level tracking, a new rainfall monitoring station, and integration of well data in an online spatial analysis platform. These improvements, implemented in accord with recommendations from the 2024 GHD monitoring-well siting study (**Appendix A**), position Round Valley to better understand and respond to evolving groundwater conditions in the coming years.

2. Regional Context and Hydrogeologic Background

2.1. Round Valley

Round Valley is a vital hydrologic and cultural region encompassing approximately 25 square miles, occupying a tectonic depression filled with sedimentary deposits and bordered by uplifted Franciscan and Knoxville formations. Mill Creek and its tributaries drain the basin southeastward into the Middle Fork of the Eel River. The region experiences a Mediterranean climate, with cool, wet winters and hot, dry summers.

Average annual precipitation is approximately 41 inches, falling mostly between November and March. Snowfall in the surrounding mountains contributes to seasonal streamflow and groundwater recharge, primarily via Mill Creek. This assessment is grounded in two foundational studies: the California Department of Water Resources’ Bulletin 118 (2004) and Muir & Webster’s 1977 USGS report, both of which inform our understanding of Round Valley’s hydrogeologic systems, groundwater availability, and long-term sustainability.

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report



Figure 1. Round Valley

2.2. Geologic and Hydrogeologic Setting

Round Valley is a graben—formed by down-faulting—filled with unconsolidated alluvial and continental deposits. These sediments are underlain and surrounded by consolidated rocks of the Franciscan and Knoxville formations, which are of Jurassic and Cretaceous age. These formations contribute minimally to groundwater storage but provide some recharge through fractured zones.

The alluvial basin is composed of three main hydrostratigraphic units:

- Holocene alluvium (principal aquifer): up to 600 feet thick, composed of coarse gravel, sand, and finer sediments.
- Plio-Pleistocene continental deposits: fine-grained silt, clay, and poorly sorted sands, up to 400 feet thick generally underlying the Holocene alluvium.
- Stream channel deposits: limited in extent, mainly recharging the alluvium during flow events.

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

The upper 200 feet of Holocene alluvium yields most of the water pumped in the valley. These units are lenticular and highly variable in texture, which influences well productivity. The Franciscan and Knoxville formations beneath the sedimentary basin are generally impermeable, except where fractured.

2.3. Groundwater Occurrence and Aquifer Characteristics

Groundwater in Round Valley occurs under both unconfined and confined conditions. Unconfined aquifers are found along the margins of the valley in the alluvial fans where sediments are coarser and permeable. Confined aquifers exist in the central basin where clay layers, often blue or gray in color, act as confining strata overlying coarse aquifer material.

Confined conditions are particularly evident in the southeastern and central portions of the valley, where many wells exhibit artesian flow, especially in spring. Artesian pressure is maintained by limited vertical leakage through overlying fine-grained deposits and high recharge rates during winter. Specific capacities of wells range from 1 to 50 gallons per minute, with most irrigation wells producing between 100 and 1,000 gallons per minute.

2.4. Groundwater Recharge

Recharge to the Round Valley aquifer system is predominantly from stream seepage, particularly from Mill Creek and its tributaries: Short, Town, Grist, and Turner Creeks. These streams carry significant surface water during the rainy season (November to March), much of which infiltrates the permeable alluvial fans and streambeds. Mill Creek drains a 97-square-mile basin and contributes significantly to groundwater recharge.

Recharge is estimated at 20,000 acre-feet per year from stream seepage and 4,000 acre-feet from direct precipitation and underflow. Recharge occurs rapidly during storm events and tapers off during the dry season. The existence of thick silt and clay layers in the valley center limits vertical infiltration, making fan areas the dominant recharge zones.

2.5. Groundwater Discharge and Pumping

Natural discharge from the aquifer includes evapotranspiration, baseflow to creeks, and underflow. Evapotranspiration losses account for the majority of discharge, estimated at 20,000 acre feet per year, particularly in the southeastern valley where water tables are shallow. Groundwater discharge to streams is estimated at 1,000 acre feet per year, and underflow from the basin is likely minimal.

Artificial discharge includes pumping for irrigation, domestic use, and artesian flow. Between 1966 and 1971, average annual extraction was estimated to have been 2,750 acre feet per year, with irrigation accounting for roughly 2,000 acre feet. Most pumping occurred in the southern valley, while domestic and stock use was distributed more

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

broadly. Flowing artesian wells, often uncapped, contribute additional but unquantified discharge.

2.6. Storage Capacity and Water Levels

The aquifer system stores groundwater within pore spaces of the alluvial deposits. Assuming a specific yield of 8% and a saturated thickness of 190 feet over 15,000 acres, the estimated usable storage is 230,000 acre-feet between 10 and 200 feet depth. Actual storage is likely greater due to deeper saturation zones, although few wells extend below 300 feet.

Groundwater level monitoring since the 1950s reveals consistent seasonal fluctuations—drawdown up to approximately 30-feet during summer and full recovery by spring. No long-term declining trends have been observed. Hydrographs indicate that the basin recharges to capacity annually, maintaining artesian pressure in confined zones and shallow water tables elsewhere.

2.7. Water Quality Considerations

Chemical quality of Round Valley groundwater is generally good for irrigation and domestic use. Most groundwater is of the calcium-bicarbonate type, with total dissolved solids averaging 239 milligrams per liter (mg/L, parts per million). Hardness is high, commonly exceeding 150 mg/L (as CaCO_3), and iron concentrations are elevated in some areas, reaching up to 10 mg/L.

There are several known potential sources of contamination in Round Valley. A former sawmill located in the northeast side of the valley poses a potential contamination risk to local groundwater, particularly in shallow unconfined zones. Site characterization and monitoring are recommended to assess any residual impact from past industrial operations. There are also two known historical solid waste sites in the valley, one beside Mill Creek at its entrance in the northwest corner of the valley and one on Town Creek above the town of Covelo. These sites and their close proximity adjacent to major groundwater recharge streams is a concern.

Bacteriological surveys in 1973 showed localized contamination, particularly near Mill Creek downstream of the community dump and near shallow wells in Covelo. Fecal coliform counts were elevated in some surface water samples. Long-term contamination risks include leachate from the community dump, historical timber mill site uses, and septic system return flows. Deep aquifers are generally better protected than shallow zones. Arsenic, presumed to be naturally occurring, has been found at concentrations above the State's Maximum Contaminant Levels (MCLs) on the west and south sides of the valley.

3. Water Supply and Drought Vulnerability

Like most of California, Round Valley experiences extended dry periods each year, periodic droughts, and limited water supplies. Historical availability of groundwater has meant few large water systems have been developed, leaving most residents dependent on private wells with varying capacities. Water quality concerns compound drought concerns, as contamination of water supplies reduces the supply of usable water. Some landowners report their wells decline in production or go completely dry, during drought years or in response to increased water pumping and consumption by neighboring users. Other landowners report being unable to use their water supplies for domestic or agricultural uses due to contamination with arsenic, manganese, and other constituents. In anticipation of more severe droughts, potential contamination, and changes in water consumption and demand, a continued monitoring of groundwater levels/elevations and quality is essential to ensuring water security. Round Valley Water District has identified the following factors impacting groundwater vulnerability.

3.1. Physical Vulnerabilities

- **Groundwater Dependency:** With no imported surface water, Round Valley relies entirely on local groundwater, which increases exposure to supply risks during multi-year droughts.
- **Aquifer Pressure Decline:** The widespread use of flowing artesian wells in confined zones can reduce pressure heads and contribute to loss of artesian conditions if left uncontrolled.
- **Subsidence Risk:** Over pumping during extended droughts may lead to land subsidence, though no significant subsidence has been documented to date.
- **Loss of Ecological Diversity:** Severely declining groundwater levels, even over the period of a few years, can impact Groundwater Dependent Ecosystems (GDEs), wetlands, and creeks/rivers.

3.2. Social and Infrastructure Vulnerabilities

- **Small Systems and Private Wells:** The majority of Round Valley residents rely on individual or small community systems, many of which lack backup supplies or modern treatment. Many older domestic wells are shallow, with some going seasonally dry due to heavy use (hydraulic interference) of neighboring wells and during drought years.
- **Rural Isolation and Jurisdictional Complexity:** Geographic isolation, limited infrastructure funding, and jurisdictional complexity (Tribal, county, state) compound response challenges.



Figure 2. Round Valley View

4. Water Quality and Drought Vulnerability: Findings from Spring and Summer, 2025

Water quality problems compound water quantity limitations, and water quality can change under drought conditions. Round Valley County Water District undertook a series of water quality tests in the spring and summer of 2025, the results of which indicate water quality threats and provide baseline water quality data under non-drought conditions. In general, few toxic constituents were found in significant quantities and water quality was determined to be relatively high. However, several constituents of concern were identified as potentially human and naturally occurring. Testing confirmed that several toxic substances occur at concerning and even unhealthy levels in particular areas of the valley.

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report



Figure 3. Water Quality Testing, June 2025

4.1. Water Quality Findings from Round Valley County Water District’s New Monitoring Well Network

In 2025, Round Valley County Water District Performed two rounds of water quality testing of the district’s new monitoring well network, targeted at suspected contaminants and contamination sites, the first in June and the second in August (complete test results in **Appendix B and Appendix C**). The first round of tests were conducted on four new wells from the Round Valley County Water District monitoring well network: RVCWD-17 was targeted because of its location adjacent to the historical dump site; RVCWD-18 because of its location below the historical dump site and reports of high rates of cancer in the area; RVCWD-21 was targeted for its proximity the historical timber mill site; RVCWD-28 was targeted because of its location near the outlet of the valley and perception of a gasoline smell at the well head. Results from this round of testing returned little of concern, with the exception of moderately high levels of manganese and barium, and a concerning cumulative concentration of per- and polyfluoroalkyl substances (PFAS) in RVCWD-18.

For the second groundwater sampling event, targeted testing sites were chosen in an effort to determine the extent of the PFAS contamination found in the first round at RVCWD-18, located in the deep aquifer downgradient from the historical dump on Refuse Road. In particular, tests were performed on RVCWD-19 and RVCWD-20 (as they too are downgradient from the historical dump) and in two strategically located private wells (one near to and east of the historical dump site, the other at the corner of Hopper Lane and Crawford Road). In these tests, no additional PFAS contamination and minimal other concerning contaminants were found.

Analysis of test results are below. Complete lab results are provided in **Appendix B**.

Summary of Water Quality Testing – 1st and 2nd Events (Summer 2025)

Number of Testing Sites

- **1st Testing Event** (Work Order 25F4141 – June 2025):
4 unique wells tested (6 total samples including duplicates).
- **2nd Testing Event** (Work Order 25H3283 – August 2025):
4 unique wells tested.

Total sites tested across both events: 8 unique wells.

Analytes Tested

- Metals (arsenic, manganese, barium, chromium, etc.)
- Hexavalent chromium
- Volatile Organic Compounds (VOCs)
- Semi-Volatile Organic Compounds (SVOCs)
- Per- and Polyfluoroalkyl Substances (PFAS)

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

Key Results

Metals

- Arsenic: Non-detect in all wells during both events.
- Manganese (1st event): Detected in some wells at 0.22–0.49 mg/L.
- Barium (1st event): Detected at ~0.25–0.27 mg/L.
- Hexavalent chromium (1st event): One detection at 0.541 micrograms per liter (µg/L, parts per billion).
- All other regulated metals: Non-detect.

Organics

- VOCs: All non-detect in both events.
- SVOCs: Tested in both events — all non-detect.
- PFAS:
 - **1st Event:** Several PFAS detected at trace nanograms per liter (ng/L, parts per trillion) levels (2–6 ng/L), including PFPeA, PFBS, ADONA, and a flagged PFOA (~5 ng/L).
 - **2nd Event:** Same PFAS suite tested — results were largely non-detect.

Overall Findings

- 8 wells tested across two events.
- Arsenic was not detected in any well during either event.
- First event (July): Manganese and barium detected at modest levels; trace PFAS present; VOCs and SVOCs not detected.
- Second event (August): Same analyte suite repeated; arsenic again non-detect; PFAS largely non-detect; VOCs and SVOCs not detected.

4.2. Water Quality Findings from Round Valley County Water District's Community Water Quality Testing

In August 2025 RVCWD also performed a suite water quality testing on an extensive set of private, commercial, and public wells throughout the Round Valley region. The effort targeted arsenic as well as other potential contaminants, and included extensive landowner outreach.

Analysis of test results are below. Complete lab reports are provided in **Appendix C**.

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

Testing Scope

Total sites tested: 80 wells/sampling locations across four laboratory work orders (**Appendix E.**):

Analytes Tested

- Metals – Arsenic by EPA Method 200.8 (ICP/MS).
- Anions – Nitrate as Nitrogen (N) by EPA Method 300.0.
- Microbiological – Total Coliform Bacteria and E. coli by APHA Standard Method 9223B.

Results

1. Arsenic

Detected in multiple wells, ranging from 4–24 µg/L (moderate) up to 56–140 µg/L in several sites, and as high as 220–260 µg/L in others. Exceeds federal MCL (10 µg/L) in many wells, indicating unhealthy and toxic concentrations in portions of the valley.

2. Nitrate (as N)

Ranged from non-detect to 4.6 mg/L, below the MCL of 10 mg/L. Indicates nitrate is not currently a primary concern but should continue to be monitored for potential accumulation around agricultural or septic system influences.

3. Total Coliforms

Widespread presence, with results ranging from non-detect to extreme values of >2419.6 most probable number per 100 milliliters (MPN/100 mL). Indicates vulnerability of wells to microbial contamination, possibly from surface infiltration or compromised well sanitary seal construction. Additional sources can come from compromised distribution piping and storage tanks.

4. E. coli

Mostly non-detect, but detected in several wells at 1–4.1 MPN/100 mL. Confirms instances of fecal contamination, which present acute public health risks.

Key Takeaways

- 63 total sites were tested in August 2025 for arsenic, nitrate, total coliforms, and E. coli.
- Arsenic concentrations are elevated in certain wells, far exceeding regulatory standards.
- Microbial contamination (coliforms, occasional E. coli) is widespread, pointing to potential structural or environmental vulnerabilities.
- Nitrate remains below regulatory concern but requires continued monitoring.

4.3. Arsenic in Round Valley

Arsenic is a naturally occurring metalloid that is widely distributed in the Earth’s crust and can occur in both groundwater and surface soils. Known arsenic contamination has been documented in groundwater on the east and southeast sides of Round Valley. It represents a risk to domestic well users in those areas and underscores the need for continued monitoring and potential treatment strategies. In the summer of 2025, RVCWD conducted extensive testing of homeowner wells to better define areas and depths at which arsenic occurs. These occurrences likely reflect natural geologic materials derived from the Franciscan Complex mélange but may also include legacy contamination from historic timber milling and associated industrial activities in and near the valley.

Geologic Sources – Franciscan Mélange Soils in Round Valley

Round Valley is underlain by alluvial sediments derived largely from the surrounding Franciscan Complex, a tectonically mixed assemblage of sedimentary, volcanic, and metamorphic rocks. Mélange zones in the nearby uplands contain arsenic-bearing minerals such as arsenopyrite, realgar, and orpiment. Weathering and erosion of these minerals introduce arsenic into valley sediments. In the saturated aquifer zones, reducing groundwater conditions—common in deeper and fine-grained deposits—can promote the release of arsenic from iron oxyhydroxides into solution, leading to naturally elevated levels in some wells.

Industrial Sources – Historical Sawmill Sites

In the northeast side of Round Valley, historical timber milling operations used arsenic-containing wood preservatives such as chromated copper arsenate (CCA). Waste from these activities, including sawdust piles and ash from burned wood waste, likely contributed to localized soil contamination. Over time, arsenic from these residues may have leached into shallow groundwater or transported during flood events. Although many of these industrial sites are no longer active, their legacy impacts can persist for decades.

Health Effects

Arsenic is a known toxicant and human carcinogen. Chronic ingestion of arsenic-contaminated water can cause skin lesions (hyperpigmentation, keratosis), peripheral neuropathy, and increased risk of cancers of the skin, bladder, lung, liver, and kidney. Long-term exposure has also been associated with cardiovascular disease, diabetes, and developmental effects in children. Acute exposures—rare in environmental settings—can result in severe gastrointestinal distress and cardiovascular collapse. The U.S. Environmental Protection Agency’s MCL for arsenic in drinking water is 10 µg/L.

Implications for Groundwater Management in Round Valley

In Round Valley, naturally occurring arsenic from Franciscan-derived sediments and localized contamination from past industrial activities both warrant attention. Targeted groundwater monitoring, especially in known high-risk zones, is necessary to protect public health. Public outreach and well testing programs can help private well owners

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

identify and address arsenic contamination. For affected systems, treatment methods such as adsorption, reverse osmosis, or coagulation-filtration may be required to meet safe drinking water standards or replacing the well targeting a different groundwater zone.

4.4. Iron, Manganese and Barium in Round Valley

Water quality testing conducted in Round Valley the summer of 2025 confirm detectable concentrations of iron, manganese and barium. Iron and manganese were detected in several samples, with concentrations varying by location, consistent with prior knowledge of their natural variability in Franciscan-derived alluvium. Barium was also found in multiple wells, with values such as 0.27 mg/L reported in one sample—well below the U.S. EPA maximum contaminant level (MCL) of 2.0 mg/.

Iron

The Franciscan Complex contains abundant iron minerals that can dissolve under reducing aquifer conditions. The 2025 results show iron levels exceeding the EPA secondary maximum contaminant level (SMCL) of 0.3 mg/L in some wells, leading to issues of reddish-brown staining, metallic taste, and nuisance biofilm growth. While iron is not generally considered a health risk at levels found in Round Valley, its presence reduces water acceptability and may complicate treatment for small rural systems.

Manganese

Manganese, like iron, is mobilized under low-oxygen groundwater conditions. The 2025 testing detected manganese in multiple wells at concentrations approaching or above the EPA's SMCL of 0.05 mg/L. These values raise both operational and health concerns: staining and taste problems occur at low levels, while levels above the EPA's 0.3 mg/L lifetime health advisory may pose risks of neurological impacts, especially in children. Round Valley's fine-grained Franciscan sediments, combined with seasonal groundwater changes during drought, create conditions favorable for manganese release.

Barium

The July 2025 results confirm measurable but relatively low concentrations of barium in Round Valley wells, with the highest reported value of 0.27 mg/L. This is well below the EPA MCL of 2.0 mg/L, but monitoring is warranted because barium solubility can increase under certain geochemical conditions. Elevated exposures can affect cardiovascular function and blood pressure, although current levels in Round Valley remain within safe ranges.

Implications for Round Valley

Together, these results highlight the natural geologic contributions of the Franciscan Complex to local groundwater chemistry. In the future, this baseline data will allow comparison with tests conducted under drought conditions to assess the effect of drought on metals concentration. Iron and manganese are the most immediate concerns due to their prevalence, aesthetic impacts, and potential health risks, while barium is present at lower but measurable levels. For Round Valley residents dependent on private wells and

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

small water systems, regular monitoring, outreach, and treatment planning are essential. Technologies such as oxidation/filtration for iron and manganese and ion exchange or reverse osmosis for barium provide effective solutions if concentrations increase. Continued monitoring will help track whether drought, pumping, or groundwater redox changes alter the mobility of these metals in the valley aquifer.

4.5. PFAS in Round Valley

Per- and polyfluoroalkyl substances (PFAS) are synthetic chemicals used in a wide range of industrial and consumer products for their oil- and water-repellent properties. In the June 25, 2025 Round Valley County Water District (RVCWD) groundwater sampling, multiple PFAS compounds were detected in one well at low nanogram-per-liter (ng/L) concentrations, including perfluoropentanoic acid (PFPeA), perfluorobutanesulfonic acid (PFBS), perfluoro-4-methoxybutanoic acid (PFMBA), and several fluorotelomer sulfonic acids. While most results were below U.S. Environmental Protection Agency (EPA) health advisory limits, their detection signals potential PFAS ingestion through impacted groundwater consumption.

Potential Sources in Groundwater

- **Firefighting foams (AFFF)** used historically at training sites, wildfire response areas, or near airstrips.
- **Industrial discharges or spills**, particularly from metal plating, textile treatment, or chemical manufacturing.
- **Landfill leachate** containing PFAS from discarded consumer goods such as stain-resistant fabrics, nonstick cookware, and food packaging.
- **Wastewater and biosolids application**, as treated sewage sludge often contains PFAS.
- **Localized commercial uses**, including automotive repair, printing operations, and small-scale manufacturing.

Given Round Valley's land use history, potential contributors could include former industrial sites, vehicle service yards, or areas where firefighting foams were applied. The mix of short-chain PFAS (e.g., PFBS, PFPeA) and emerging compounds (e.g., ADONA, HFPO-DA) suggests multiple or mixed sources.

Health Effects

PFAS are persistent and bioaccumulative. Even low-level exposure has been linked to:

- **Cancer risks** (kidney, testicular)
- **Immune system impacts** (reduced vaccine response)
- **Developmental effects** (low birth weight, growth changes)
- **Endocrine disruption** (thyroid hormone interference)

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

- **Metabolic/liver effects** (cholesterol, enzyme changes)

Because PFAS have long biological half-lives, repeated ingestion via drinking water can lead to accumulation and increased risk. Short-chain PFAS, while less bioaccumulative, are more mobile in groundwater and still pose hazards.

Implications for RVCWD Even at low concentrations, PFAS detections warrant source investigation, ongoing monitoring, and community outreach. Recommended actions include targeted sampling near potential sources, trend tracking, and coordination with regulatory agencies for risk management.

5. Monitoring Infrastructure Enhancements (2023–2025)

In the spring of 2025, RVCWD contracted with Clear Hear Drilling (driller’s C-57 license #780357) to construct up to 12 new monitoring wells throughout Round Valley. Under Mendocino County encroachment permit and well drilling permit 11 new monitoring wells were installed (permits provided in **Appendix D**). Both shallow aquifer and deeper aquifer monitoring wells were completed ranging from 40 to 100-feet in depth. **Appendix E** provides the Monitoring Well Boring Logs and Driller’s Well Completion Reports. **Appendix F** provides Monitoring Well Survey by a California licensed professional surveyor.

With completion of the Round Valley County Water District Drought Water Vulnerability and Adaptation Project in the summer of 2025, Round Valley is better prepared to anticipate, assess, and mitigate drought vulnerabilities and threats. The district now manages a network of 15 monitoring wells allowing for consistent groundwater level and quality monitoring, a rain gauge and weather station to monitor precipitation events and trends, and a public-facing spatial analysis system, integrating groundwater and precipitation data in an illuminating and easily accessed internet hosted Global Information Systems (GIS) platform. Baseline data, ongoing data collection, and sophisticated data management from these infrastructure enhancements empower Round Valley residents to monitor groundwater levels and precipitation trends, and identify and respond to future drought conditions.

5.1. Groundwater Monitoring Network

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation
Report



Figure 4. Monitoring Well Construction, March 2025

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report



Figure 5. Monitoring Well Construction, March 2025

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation
Report



Figure 6. Completed Monitoring Well Vault, April 2025

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report



Figure 7. Completed Monument for Artesian Monitoring Well, April 2025

While the district had operated a previous network of monitoring wells for over a decade, the original network's wells were private, well construction details unknown, and access depended on voluntary participation by landowners. Changes in ownership and landowner use resulted in inconsistent data, and by 2023 a majority of the wells in the original network were no longer accessible by the district. The district now has 11 new monitoring wells, monitoring both a shallow and deep aquifer, located along county rounds within the county right-of-way, permitting permanent access and long-term data collection. The inclusion of three wells from the legacy network that also have secure access permits integration of data from the previous decade with that of the new wells for continuous monitoring. With the addition of an existing well at Covelo Community Service District's

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

sewer yard, the Round Valley County Water District’s monitoring well network consists of a total of 15 wells, all with secure access and strategically placed for comprehensive groundwater monitoring in alignment with the Round Valley County Water District Monitoring Well Siting Study (**Appendix A**).

Monitoring Wells Web Map Master



Figure 8. Map of Round Valley Monitoring Well Network and Weather Station

In addition to new monitoring infrastructure, the Round Valley County Water District maintains a legacy dataset from the wells that were periodically measured over the

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

previous decade. These data exhibit long-term depth-to-water trends that enhance historical understanding of groundwater response to drought cycles.

Hydrographs from two example legacy wells demonstrate differing trends:

- **Crawford/Foothill (RVCWD-2):** A pattern of seasonal fluctuation with long-term stability, reflecting good recharge response to wet winters.
- **Dobie/Mill Creek (RVCWD-1):** More variable water levels, with notable sensitivity to drought periods between 2015–2017 and again from 2021–2023.

These legacy records provide an essential historical baseline and are now incorporated into the district’s broader monitoring and GIS analysis.

5.2. Instrumentation, Data Management, and GIS Integration

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report



Figure 9. Monitoring Well Survey, June 2025

As of August, 2025, Round Valley County Water District operates an updated monitoring network of 15 wells. Each well is equipped with a transducer programmed to measure depth-to-water and temperature every hour. Transducer data is periodically downloaded and calibrated to local barometric pressure, ensuring accurate compensation for

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

atmospheric variations that can affect water-level readings. The elevation, spatial and temporal data is then integrated into a database, allowing for accurate comparison of water levels across the basin and future generation of elevation iso-contour maps. The data is also uploaded to a new online GIS-based platform and displayed visually and spatially. Viewable publicly on a new district website, the platform provides RVCWD, local residents, regional water managers, and the curious public with well hydrographs, detailed visualizations of groundwater trends, and a powerful tool for public communication and emergency planning.

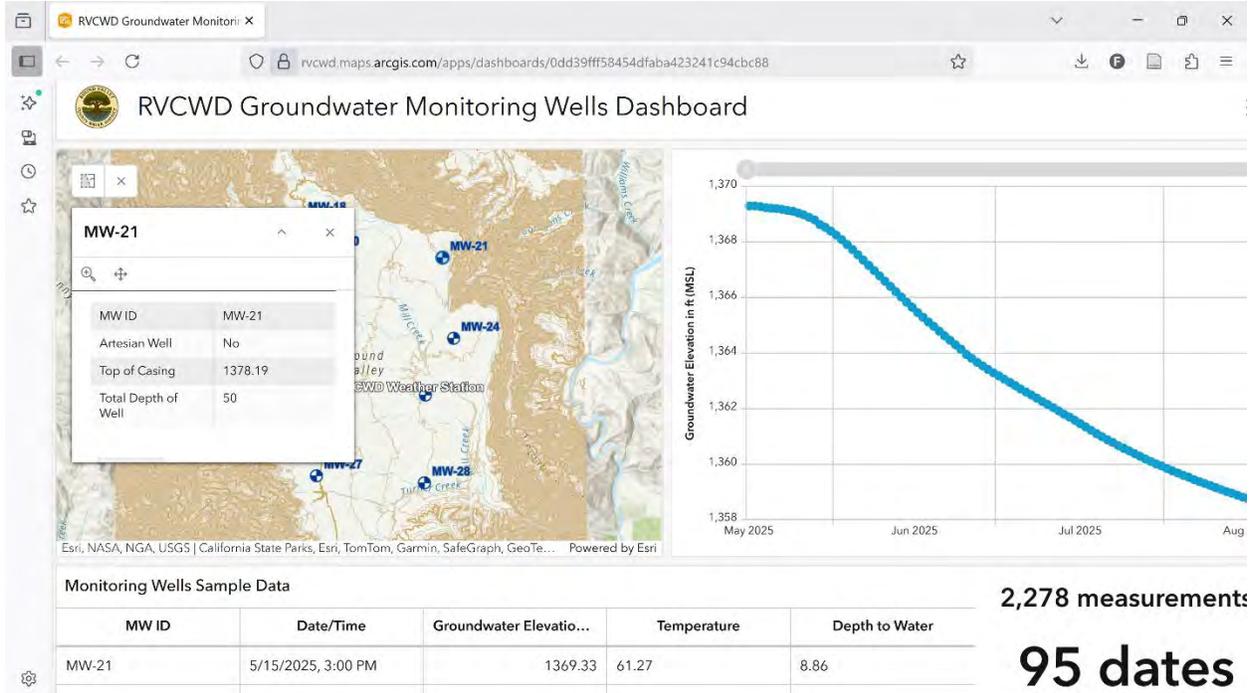


Figure 10. Online Groundwater Spatial Analysis System with Hydrograph for RVCWD-21

5.3. Rainfall Monitoring

A new automated weather station, centrally located in the town of Covelo, was installed to track precipitation totals and event intensity in the Round Valley basin. Data is stored to track precipitation and weather trends, displayed on the new RVCWD website, integrated with well data in the online spatial analysis system, and submitted to the National Oceanic and Atmospheric Association for integration with national data.



Figure 11. New Rain Gauge and Weather Station Installed August, 2025, in Covelo, CA

6. Policy and Program Alignment with Mendocino County DRP

The County of Mendocino completed the Mendocino County Drought Resilience Plan in the summer of 2025. Round Valley’s monitoring and response strategy aligns with Mendocino County’s Drought Resilience Plan (DRP) under SB 552. As part of this strategy, the district will use the DRP as an initial starting point. Mendocino County’s drought stage triggers are outlined below.

6.1. Drought Stage Triggers (per DRP):

- **Stage 1 (Monitoring):** <4 dry well reports over 3 months, >80% 2-year rainfall average.
- **Stage 2 (Warning):** 4–6 dry well reports, 50–80% rainfall, lake/reservoir storage between 45–70%.

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

- **Stage 3 (Emergency):** >6 dry wells, <50% rainfall, or extreme drought conditions (D3/D4).

Round Valley's expanded well and climate network enables direct tracking of rainfall metrics.

6.2. County Responsibilities:

- Maintain the Drought Task Force (CDTF).
- Facilitate outreach and mutual aid coordination.
- Support emergency declarations and pursue funding for resilience upgrades.

7. Potential Adaptation Strategies

Historically, Round Valley has largely enjoyed adequate groundwater supplies to meet resident needs. Many Round Valley residents have expressed opposition to developing a large community water system or managing and restricting private well use, and such measures have generally proven unnecessary under extant circumstances. Below are some initiatives that might benefit water security in the valley, if in the future it is determined that such action is needed.

7.1. Supply-Side Measures

- **Managed Aquifer Recharge (MAR):** Identify suitable areas along Mill Creek, off-channel for off-stream spreading basins and infiltration swales. Use seasonal high flows to enhance groundwater recharge.
- **Well Efficiency Audits:** Conduct technical assessments of high-use wells to reduce inefficiencies.

7.2. Demand-Side Measures

- **Control Flow from Artesian Wells:** Identify and support landowners in properly capping and restricting flow from uncontrolled artesian wells.
- **Irrigation Modernization:** Promote drip and subsurface irrigation among agricultural users.
- **Residential Retrofits:** Offer incentives for low-flow appliances and leak detection.
- **Drought-Tolerant Landscaping:** Encourage replacement of turf with native vegetation.

7.3. Institutional Measures

- **District-Tribal-State Partnerships:** Leverage district and Tribal leadership to coordinate well response and data integration.
- **Consolidation Feasibility Studies:** Examine opportunities to consolidate small water systems under shared management or infrastructure.

8. Implementation Framework

Should future drought conditions necessitate coordinated collective action for drought mitigation, RVCWD has outlined the following framework identifying potential roles of organizational partners.

Entity	Responsibilities
Round Valley County Water District	Lead local monitoring, outreach, and coordination in support of drought resilience planning.
Round Valley Indian Tribes	Lead local monitoring, outreach, and coordination of Tribal members in support of drought resilience planning. Collaborate in community outreach, Tribal engagement, and cultural resource protection.
MCWA / County CDTF	Oversee drought staging, coordinate resources, integrate data regionally.
DWR / SWRCB	Provide technical and financial assistance.
NGOs & UCANR	Deliver educational workshops and support conservation implementation.

9. Funding Opportunities

In the event of extended drought and substantial impacts to valley residents, an adequate response will likely require procurement of outside financial assistance. The following have been identified as potential sources of public funding.

- **SWRCB SAFER Program:** Drought response, water hauling, and well resilience.
- **DWR Small Community Drought Relief:** Infrastructure upgrades, MAR planning.
- **USBR WaterSMART Grants:** Planning and implementation up to \$5 million.
- **USDA RD Water and Waste Disposal Loans & Grants:** Technical assistance for small systems.

10. Conclusions

10.1. Groundwater Management

Groundwater resources remain sufficient for current use, but extended drought or future expansion—particularly for agriculture—might demand active monitoring and mitigation. Increased pumping could lead to declines in confined pressure, loss of artesian flow, and degraded water quality. Constructing efficient wells and capping uncontrolled flows would reduce losses and preserve aquifer pressure. Managed aquifer recharge, surface water diversion, and optimized irrigation practices could enhance resilience. Further development is most feasible along the western and northern alluvial fans. Domestic wells

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

in these areas were found to yield 25–50 gallons per minute; irrigation wells yielded up to 600 gallons per minute. The interconnectivity of groundwater beneath reservation and private lands would necessitate coordinated management.

10.2. Monitoring and Future Planning



Figure 12. Round Valley at Mill Creek

Round Valley's new observation-well network is essential for basin monitoring and sustainable groundwater management. In addition to groundwater levels, monitoring parameters should include specific conductance, pH, nitrate, total dissolved solids, fecal coliform, arsenic, manganese, iron, and PFAS concentrations. Data should be collected seasonally and made available to stakeholders through centralized reporting or web-based platforms. Public education and interagency cooperation will be crucial to implementing effective groundwater policy.

10.3. Conclusion

Round Valley's aquifer system is a regionally significant and stable groundwater source. The hydrologic cycle in the basin is seasonally driven but resilient, maintaining groundwater storage even under current withdrawal levels. The key challenges for the

Round Valley County Water District – Drought Vulnerability and Adaptation Evaluation Report

future are planning for and managing an extended drought and contamination risks, preserving confined aquifer pressures, and planning for increased demands in agriculture and domestic supply. Comprehensive data collection, interjurisdictional coordination, and community engagement will be critical to ensuring long-term water security in Round Valley.

Muir and Webster emphasized the importance of protecting the confined aquifer from contamination and overdevelopment, especially given the vulnerability of shallow zones to surface influences. Their early recommendations remain relevant today, reinforcing the need for managed pumping, flowing well control, and systematic groundwater monitoring to preserve the long-term integrity of the aquifer system.

Round Valley has a historically robust and clean groundwater supply. However, shifting weather and precipitation patterns, local and regional changes in uses and demand, natural and human-caused contamination, minimal water supply infrastructure, and limited economic resources make Round Valley vulnerable to water insecurity. The distribution of toxic levels of arsenic, concentration in the east and south of the valley, demands continued monitoring and mitigation. The recent discovery (this study) of PFAS constituents, present in the deep aquifer of the north-west area of the valley, is also of particular concern and warrants further study.

With 15 monitoring wells with secure, long-term access, a state-of-the-art weather station, and hourly groundwater and rainfall data feeding into an online GIS tracking system, Round Valley is now among the more technically equipped rural groundwater basins in Mendocino County. These tools empower district personnel, community members, and regional officials to detect early drought signs, manage groundwater sustainably, and prepare proactively for future water shortages.

Ongoing investment in demand reduction, recharge infrastructure, and collaborative governance will be essential to building long-term resilience in this culturally rich and environmentally sensitive region of California.

11. References

California Department of Water Resources. (2004). California's Groundwater – Bulletin 118: Covelo Round Valley Groundwater Basin.

GHD, Inc. (2024, March 29). Technical memorandum – Monitoring well siting study: RVCWD Groundwater Monitoring Project (Project No. 12627517). Prepared for Round Valley County Water District.

Muir, K.S., & Webster, D.A. (1977). Geohydrology of Part of the Round Valley Indian Reservation, Mendocino County, California. U.S. Geological Survey Water-Resources Investigations 77-22.



Appendix A

**GHD Round Valley County Water District
Monitoring Well Siting Study**



Technical Memorandum – Monitoring Well Siting Study

March 29, 2024

To	Imil Ferrara	Contact No.	707-405-0023
Copy to		Email	rvcwdmanager@gmail.com
From	Ryan Crawford	Project No.	12627517
Project Name	RVCWD Groundwater Monitoring		
Subject	Monitoring Well Siting Study		

1. Introduction

1.1 Purpose of this Memorandum

GHD, Inc. (GHD) was engaged by Round Valley County Water District (District) to prepare this technical memorandum summarizing the hydrogeologic information in Round Valley, CA to evaluate the potential development of a new monitoring well network. This monitoring well network will allow the District to further evaluate the regional groundwater supply and groundwater quality, track regional groundwater levels and trends, and develop a vulnerability assessment and monitoring plan for drought resiliency planning associated with the Urban and Multibenefit Drought Relief Grant (2021). The purpose of the information provided herein is to ultimately support the environmental review, siting, and final design of the new monitoring wells.

This Technical Memorandum is provided as a planning document under our agreement with the District. It is provided to foster discussion in relation to technical matters and challenges associated with the project goals of increasing the available information about Round Valley’s aquifer for the District’s planning efforts regarding sustainable water use and future water development, and should not be relied upon in any way outside of this purpose.

1.2 Scope and limitations

This report: has been prepared by GHD for RVCWD and may only be used and relied on by RVCWD for the purpose agreed between GHD and RVCWD as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than RVCWD arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way outside of this purpose.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report (refer section(s) 1.3 of this report). GHD disclaims liability arising from any of the assumptions being incorrect.

Accessibility of documents

If this Technical Memorandum is required to be accessible in any other format this can be provided by GHD upon request and at an additional cost if necessary.

1.3 Assumptions

This monitoring well siting study was performed as a desktop review of available public documents, previously completed reports by others, institutional knowledge of the geology and groundwater in the immediate area by GHD's professional geologists and engineers, and information shared by RVCWD.

2. Round Valley

Round Valley spans approximately 7.1 square miles in Mendocino County, CA (shown in Figure 1) and contains a population of 1,359 people (2022 Census). Round Valley has a single town of Covelo and is otherwise comprised of residential and commercial parcels with a few limited industrial areas. The Round Valley Indian Reservation encompasses a significant portion of the northern area of Round Valley with forest and rangelands extending further to the north (PMC, 2009).

Characteristically the Round Valley area has cool, wet winters and hot, dry summers. The average annual precipitation at Covelo is approximately 41-inches, four-fifths of which falls in the winter season (November to March). The average annual snowfall is approximately 7-inches.

The valley basin is drained by Mill Creek and its tributaries, Grist, Town, Short, and Turner Creeks. Mill Creek flows out of the valley through a narrow, steep-walled canyon and discharges to the Middle Fork Eel River approximately 2-miles to the east-southeast.

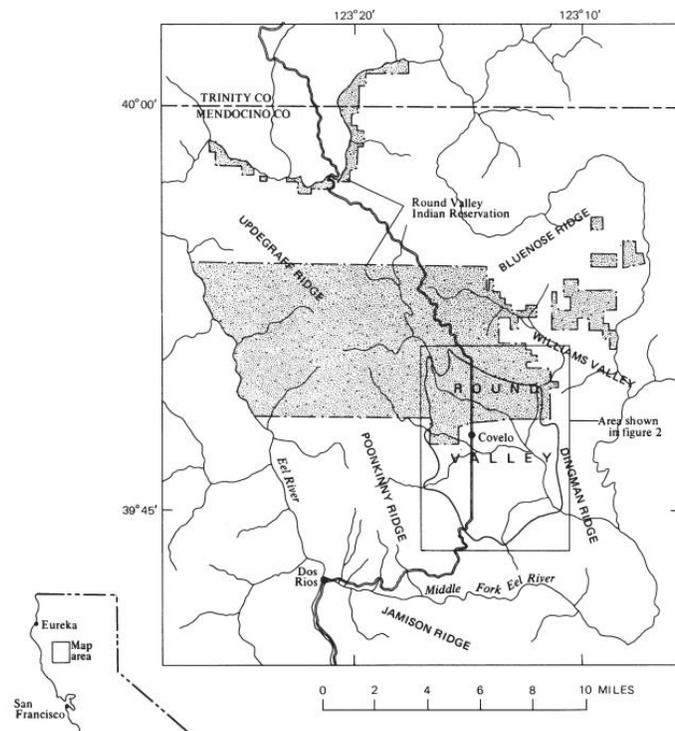


Figure 1 Vicinity Map of Round Valley (Figure 1 of USGS 1977)

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

2.1 Background Data Collection

Records available from public resources were reviewed to provide information regarding the Site history, geology, hydrogeology, and other supply wells in the immediate vicinity. The principal sources of information reviewed included:

- **California Department of Water Resources (DWR) Well Completion Reports (WCR).** These reports include information on well number, construction details, groundwater levels, installation and testing dates, and pump testing results. Reviewed WCR are included in Appendix A, with an associated figure showing their location.
- This database provides information tracking for areas where domestic wells and state small water systems may be accessing raw source groundwater that do not meet primary drinking water standards maximum contaminant levels (MCL). An image of the Site vicinity as shown in the Aquifer Risk Database is presented in Figure 2 below.

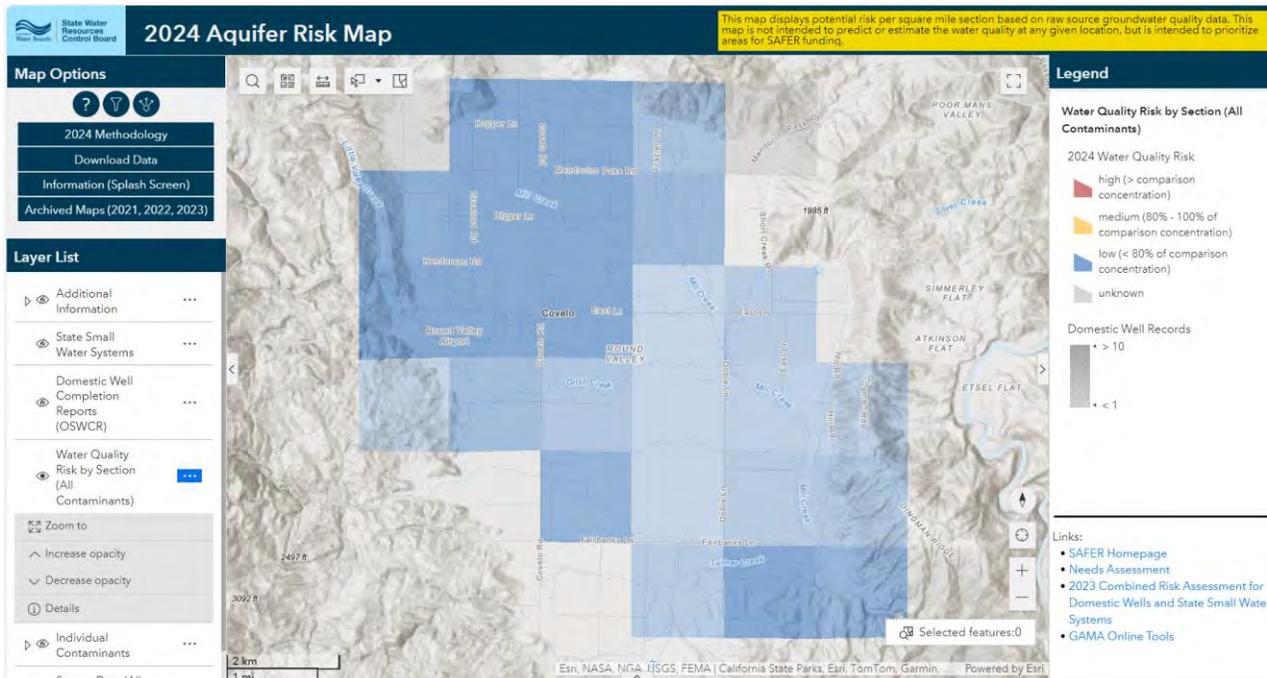


Figure 2 Aquifer Risk Map in Project Vicinity (accessed January 2024)

- **California Geological Survey – Online Geologic Map of California.** This database provides generalized regional geological information. Geological information is described in Section 2.0.
- **DWR Bulletin 118 – Update 2003, California’s Groundwater.** This report provides regional hydrogeological information including groundwater basin descriptions and statistics for groundwater quantity and quality. Hydrogeological information is described in Section 2.0.
- **DWR Bulletin 118 – Interim Update 2016, California’s Groundwater.** This report provides an update to the 2003 version for regional hydrogeological information including groundwater basin descriptions and statistics for groundwater quantity and quality. Hydrogeological information is described in Section 2.0.
- **Department of Toxic Substances Control EnviroStor Database.** This database provides information tracking for clean-up, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination or suspected contamination. An image of the project vicinity as shown in the EnviroStor Database is presented in Figure 3 below.

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

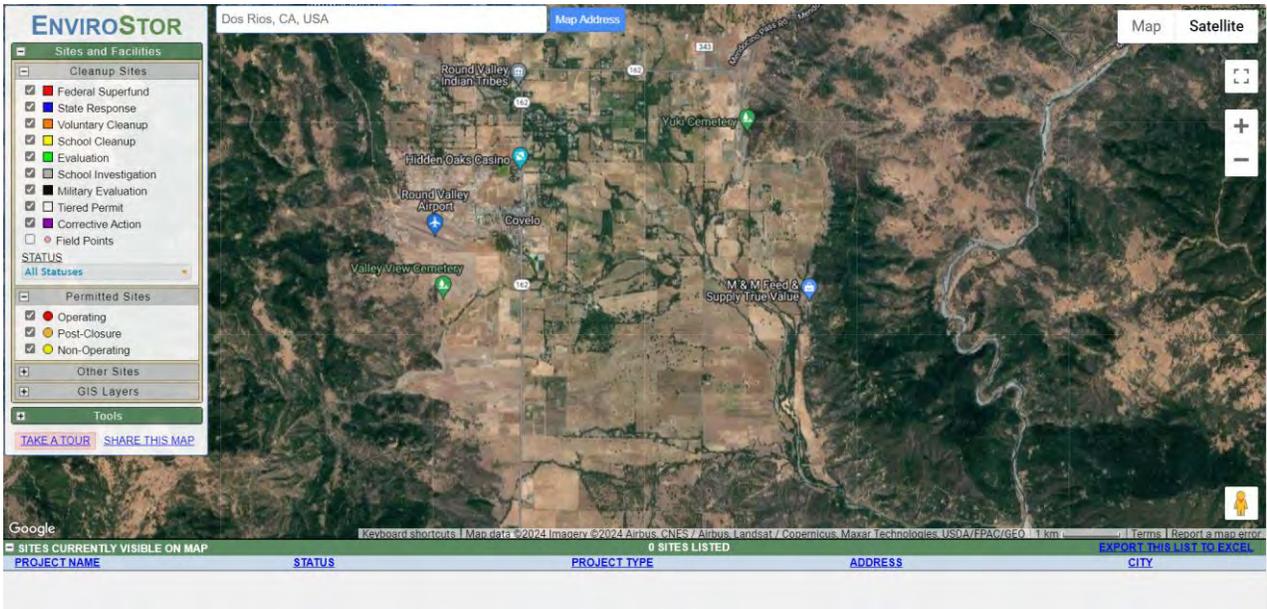


Figure 3 EnviroStor Database in Project Vicinity (accessed January 2024)

- State of California GeoTracker Database.** This database provides information tracking compliance data from authorized or unauthorized discharges of waste to land, or unauthorized releases of hazardous substances from underground storage tanks. An image of the project vicinity as shown in the GeoTracker Database is presented in Figure 4 below.

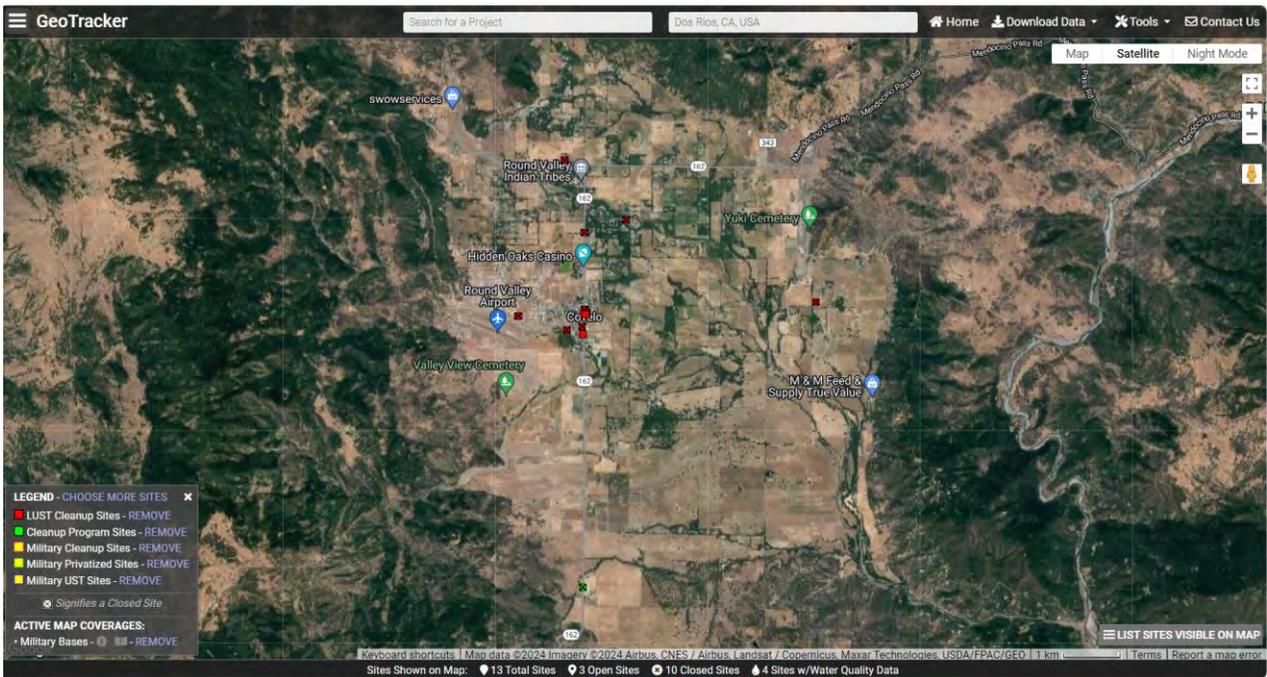


Figure 4 GeoTracker Database in Project Vicinity (accessed January 2024)

- United States Geological Survey – The National Geologic Map Database:** This database provides generalized regional geological information. Geological information is described in Section 2.0.

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

3. Existing Site Conditions

Round Valley is one of several small alluvial basins in the northern Coast Ranges of California. It is situated in the north-central part of Mendocino County, approximately 85 miles southeast of Eureka and 42 miles north of Ukiah. The basin is slightly oblong in nature spanning approximately 6 miles north-south and approximately 4 miles east-west with the total valley floor covering approximately 23 square miles. Topography across the valley is fairly flat with elevations ranging from approximately 1,400 feet above mean sea level at the eastern edge of the valley to approximately 1,320 feet above sea level at the southwestern corner of the valley.

3.1 Round Valley Groundwater Basin

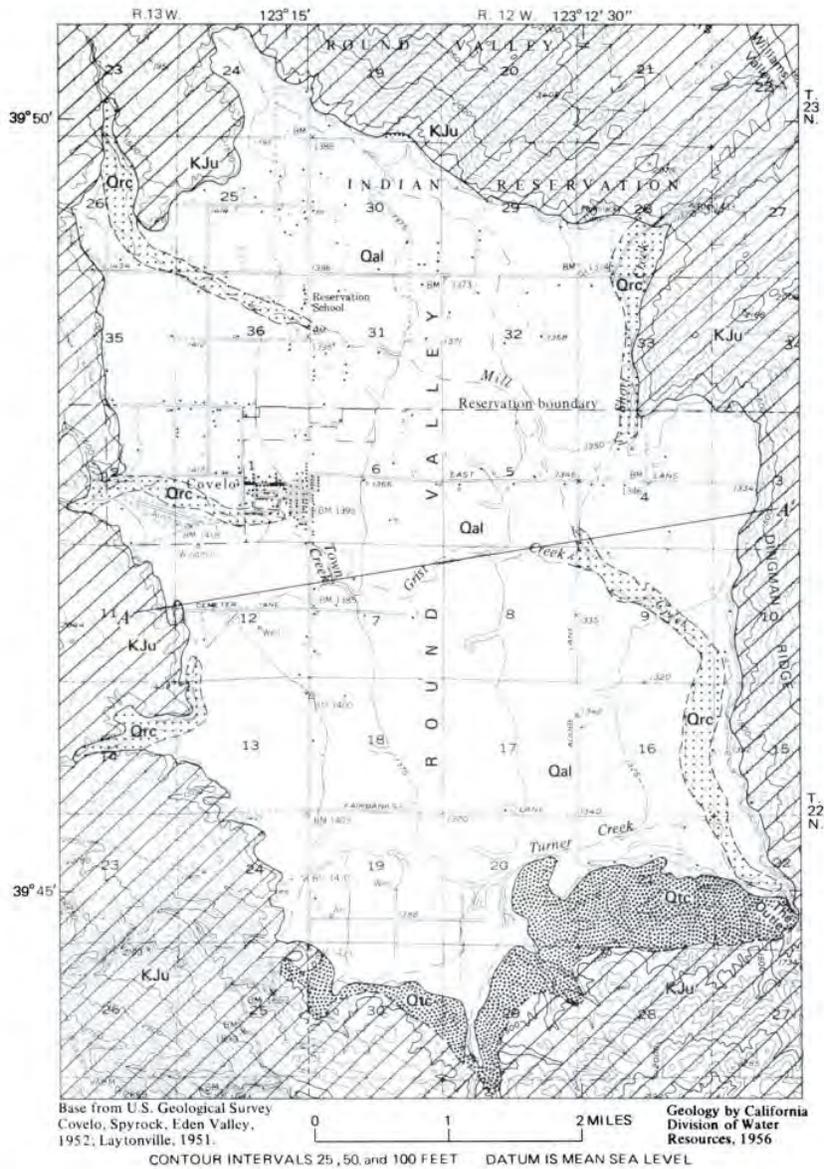
Round Valley is a down-faulted block, or graben, partly filled with alluvial deposits of two different ages. A dense complex of north-west trending faults bound the western boundary of the valley and it is suspected that the western boundary of the valley is also bound by faulting, however surface evidence of these faults has been beveled off by geological processes as erosion and alluviation. After down-faulting, sediments of the Pliocene and Pleistocene age were deposited within the valley (continental deposits). Subsequent faulting and uplift tilted the strata slightly northwest followed by extensive erosion. Holocene aged alluvium has since deposited on top of these continental deposits. Subsidence of the valley with respect to the adjacent mountains has created closed-basin conditions and lakes. Fine-grained deposits are found in the center of the valley where they accumulated in lakes. These interfinger with and grade laterally into coarser alluvial sediment deposits that originated from streams on alluvial fans around the edges of the valley floor. At times, stream and fan deposits accumulated over the entire valley floor.

The resulting groundwater basin geology is primarily unconsolidated sediments and spans approximately 15,000 acres within the valley with a maximum thickness of more than 800 feet, shown in Figure 5 and Figure 6. Bedrock of the valley consists of Jurassic and Cretaceous aged Franciscan and Knoxville formations that are believed to be more than 10,000 feet thick. These formations surround and underlie the unconsolidated deposits and are exposed in areas around the edge of the valley.

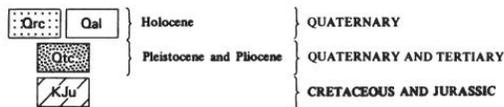
The groundwater reservoir in Round Valley is made up of continental deposits, alluvium, and stream-channel deposits ranging in age from Pliocene to Holocene. Bedrock aquifers in the area are poorly explored and thought to contain fairly low yields. Groundwater use is primarily pumped from the alluvium and not the underlying continental deposits. Wells drilled in the alluvium have yields that range generally from 100 to 500 gallons per minute (USGS, 1997).

Groundwater occurs in both confined and unconfined aquifers and moves from the north and west sides of the valley towards the southeast corner of the valley generally toward the outlet of Mill Creek. Confined aquifers are documented in the central part of the valley and extends to the valley's eastern edge. The initial area of confinement was delineated primarily on the basis of water-level measurements made in spring 1973, which documented many wells in the area with hydrostatic heads above ground surface. These artesian wells were generally allowed to flow continuously because well owners believed their wells will filled with sand if capped (USGS, 1977). In 1994 Mendocino County established a special permit area in Round Valley to protect an artesian aquifer zone that is overlain by groundwater of less desirable water quality, shown in Figure 7. The depth of this overlying groundwater is generally less than 40 feet (Mendocino County, 1994).

Groundwater recharge is primarily from stream seepage and estimated to be around 20,000 acre-feet per year. Natural discharge (discharge to streams, evapotranspiration, and underflow) has averaged about 21,000 acre-feet per year and is primarily from stream seepage. Artificial discharge (pumping and flow from artesian wells) has averaged about 2,750 acre-feet per year. The groundwater basin fills during the winter months and contains an estimated volume of about 230,000 acre-feet in the depth interval 10-200 feet. The water is chemically and biologically stable for domestic or irrigation use, although hardness is high for domestic use and, locally, dissolved iron is a problem (USGS, 1977).



CORRELATION OF MAP UNITS

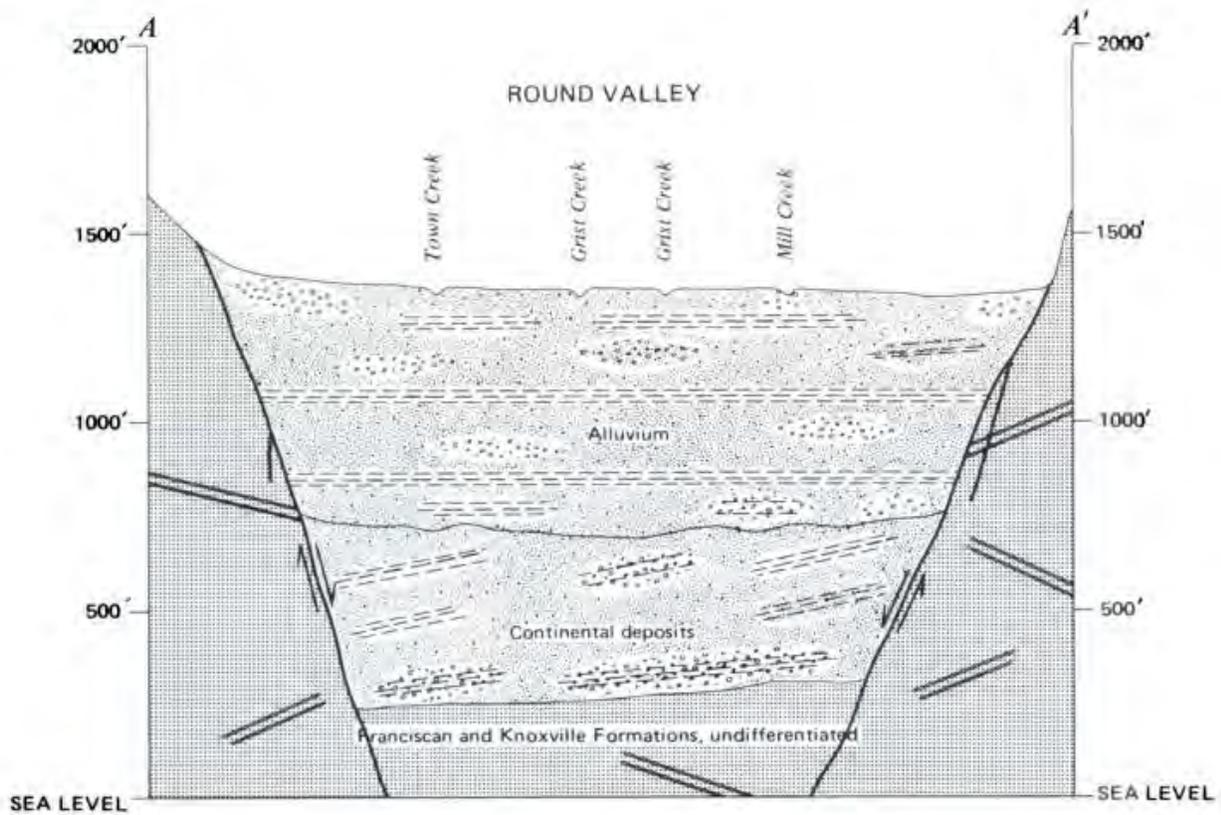


DESCRIPTION OF MAP UNITS

- Orc **STREAM-CHANNEL DEPOSITS** – Largely coarse sand and gravel in flood channels; permeable; generally above zone of saturation
- Qal **ALLUVIUM** – Gravel, sand, silt, and clay; permeable; yields water to wells
- Qtc **CONTINENTAL DEPOSITS** – Silty and clayey gravel, silty sand and sandstone, and clay and silty clay; hydraulic conductivity probably low; yields water to wells
- KJu **FRANCISCAN AND KNOXVILLE FORMATIONS UNDIFFERENTIATED** – Sandstone, mudstone, shale, and chert, with serpentine, schist, and greenstone; yields water to wells from joints and fractures
- Contact – Dashed where approximately located
- A—A' Line of section (fig. 3)

Figure 5 Geologic Map of Round Valley (Figure 15 of USGS 1977)

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.



VERTICAL EXAGGERATION X 10

EXPLANATION

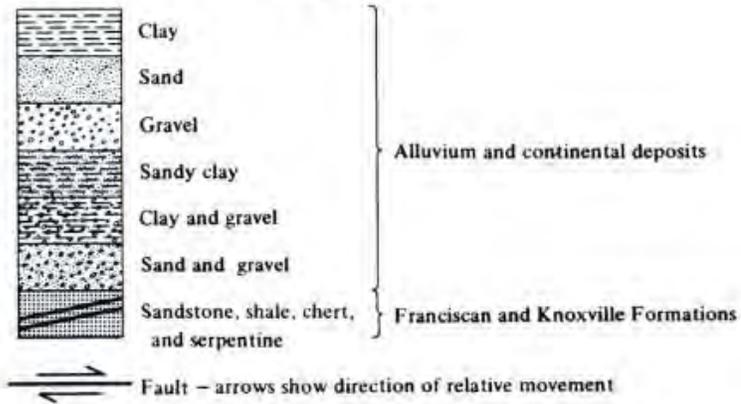


FIGURE 3.--Generalized geologic section.

Figure 6 Geologic Cross Section A-A' of Round Valley (Figure 3 of USGS 1977)

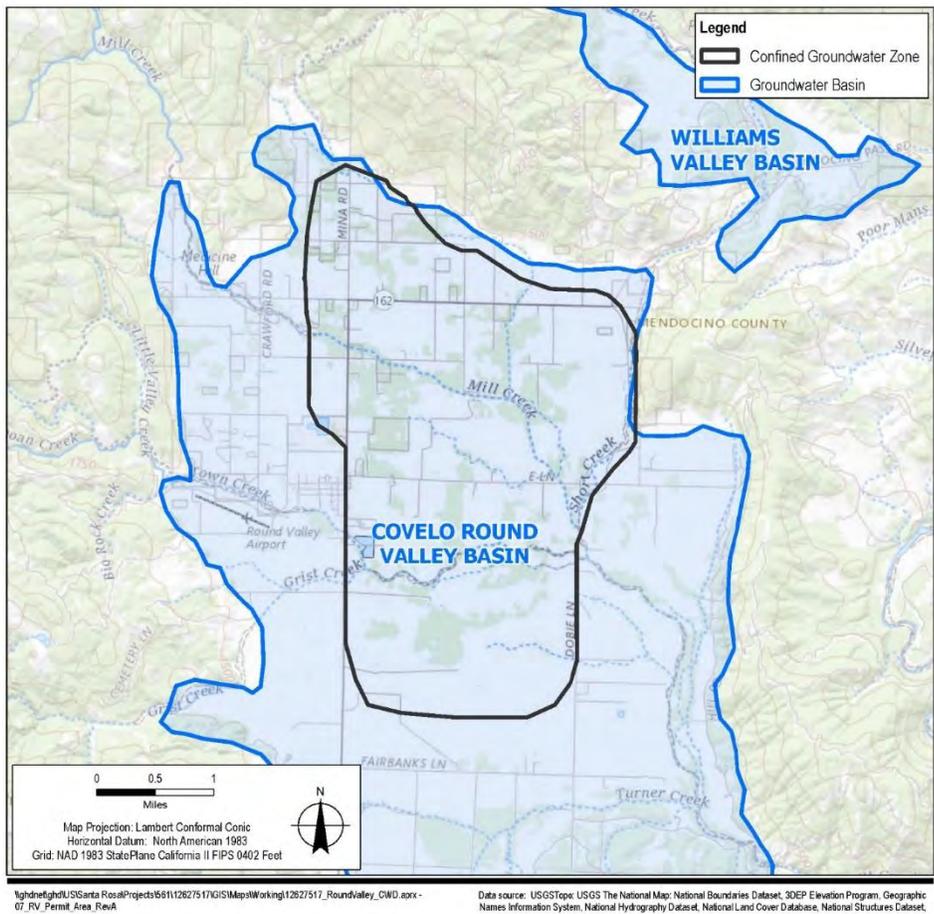


Figure 7 Round Valley Special Permit Area

3.1.1 CASGEM Wells

The Round Valley Groundwater Basin contains 20 California Statewide Groundwater Elevation Monitoring (CASGEM) Program wells that provide a record to historical groundwater levels around the Basin. The oldest recorded groundwater measurements date back to the 1950s. Many of these wells were volunteered to the CASGEM program by private homeowners and were only measured once or twice a year and often have gaps due to the inability to reach the well during the sampling period. To date 14 of the 20 wells have been recently discontinued from ongoing CASGEM measurements. Appendix B includes a map showing the location of all the documented CASGEM wells and their corresponding hydrographs with a summary table shown below (Table 1). Hydrographs for RVCWD-10, RVCWD-12, and RVCWD-13 are shown in Figure 8-10 respectively, since they represent the oldest and most consistently collected groundwater measurements.

Table 1 Summary of CASGEM Wells

Local Well Name	Well Use	Available for Access	Well Depth (ft)
RVCWD-1	Residential	Intermittent	
RVCWD-2		Yes	
RVCWD-3	Residential	Intermittent	
RVCWD-4	Residential	Yes	
RVCWD-5	Residential	No	

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

Local Well Name	Well Use	Available for Access	Well Depth (ft)
RVCWD-6		No	42
RVCWD-7	Residential	Intermittent	65
RVCWD-8	Irrigation	No	180
RVCWD-9	Residential	No	160
RVCWD-10	Residential	Yes	69
RVCWD-11	Residential	No	321
RVCWD-12		No	289
RVCWD-13		No	200
RVCWD-14		No	60
RVCWD-15	Residential	No	
397616N1232146W001	Stock watering	No	
398027N1232566W001		No	
397902N1232386W001	Irrigation	No	660
397941N1232377W001		No	
398059N1232464W001		No	

CASGEM wells indicate that the groundwater levels generally fluctuate between a few feet below ground surface to depths of around 40 feet below ground surface in a fairly regular wet season dry season pattern. The CASGEM wells indicate, for the 70+ year time period of water level measurements, very consistent water levels with no overall upward or downward trend.

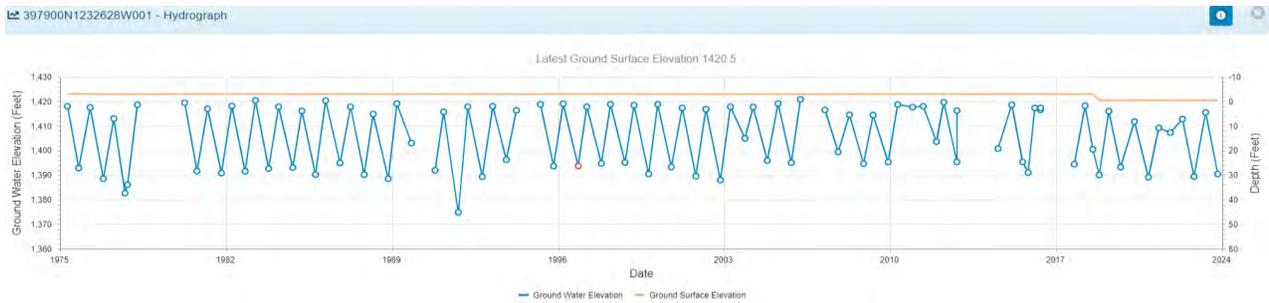


Figure 8 Historical Groundwater Levels for Voluntary CASGEM Well 37188 (RVCWD-10)

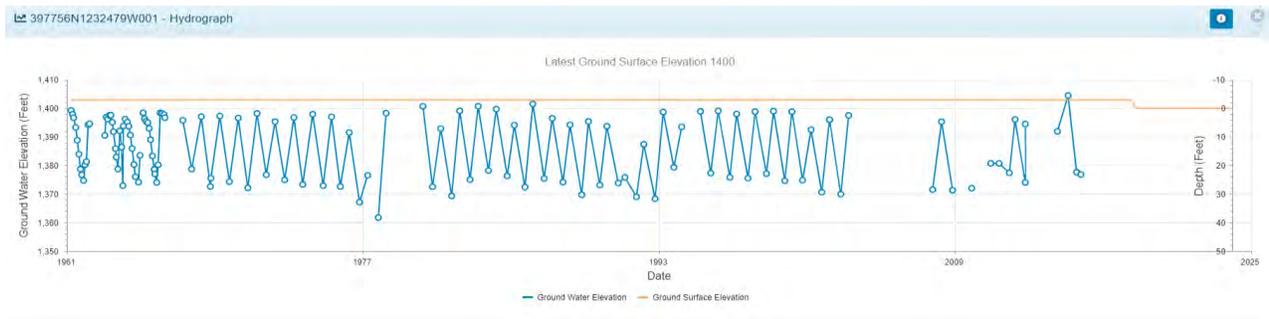


Figure 9 Historical Groundwater Levels for Voluntary CASGEM Well 37190 (RVWCD-12)

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

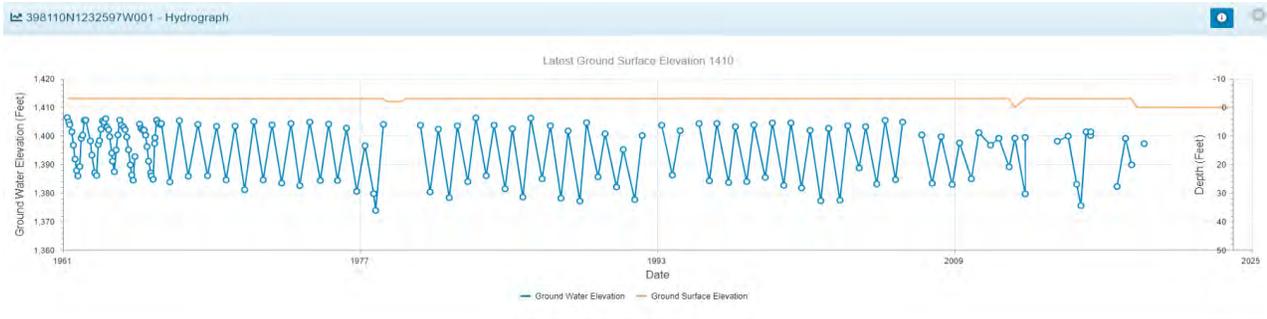


Figure 10 Historical Groundwater Levels for Voluntary CASGEM Well 22355 (RVWCD-13)

3.1.2 Vicinity Well Completion Reports

Well Completion Reports (WCR) from the Department of Water Resources database were reviewed within the project vicinity to evaluate aquifer properties and designs from similar geologic settings. Fifteen applicable WCRs were reviewed as reference documents (Appendix A) based on their completeness, exploration depth, and location relative to the Site.

WCR borings ranged in depth from 50 to 300-feet below ground surface, with screened intervals generally extending to the bottom of the well and often with multiple screened sections. The reported yields ranged from 12 to 500-gallons per minute with an average of 73-gallons per minute.

The lithologies encountered in the reviewed WCRs extend up to 220 feet below ground surface and generally consist of clay, silt, sand, and gravel intervals or units with combinations of all referenced lithologies. They are generally described with a brown, tan or grey color with some blue clays and sands identified on the eastern side of the valley at depths greater than 20-40 feet below ground surface.

3.1.3 Environmental Cleanup Sites

Based on conversations with RVCWD staff and a review of available documentation there are two locations of environmental concern with historical contamination impacts to soil and groundwater. The first is a historical community dumping area located on the northwest corner of the valley. With the current information available to date, it doesn't appear that the potential vertical or lateral impacts from the historical dump have been delineated or defined. Soil and groundwater impacts potentially associated with this historical dump include, but aren't limited to: heavy metals (arsenic, lead, mercury, chromium, cadmium, etc.); petroleum hydrocarbons (used oil, fuels, solvents, etc.); household chemicals (cleaners, non-petroleum solvents, pesticides, etc.); semi-volatile chemicals (SVOCs); and, combustion related bi-products from burning treated mill dust and industrial wastes (dioxins and furans).

The second major environmental concern is a historical lumber mill located in the northeast corner of the valley, that also doesn't appear to have been investigated for potential vertical and lateral soil and groundwater impacts. Soil and groundwater impacts potentially associated with this historical lumber mill include, but aren't limited to: heavy metals (arsenic, lead, mercury, chromium, cadmium, etc.); petroleum hydrocarbons (used oil, diesel and gasoline fuels and tanks, solvents, etc.); wood treatment chemicals (chromated arsenicals, creosote, pentachlorophenol, fungicides, and the pressure treatment wood preservatives isothiazolinones); semi-volatile chemicals (SVOCs); and, combustion related bi-products from burning treated mill dust and industrial wastes (dioxins and furans).

In addition to these historical sites of interest, a review of the GeoTracker and Enviorstor databases indicates that there are a total of 3 known active and 9 closed environmental clean-up sites within the project vicinity. A summary from the information available to date via GeoTracker is provided below.

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

Appendix C includes a figure showing both the historical and documented environmental cleanup sites within the project vicinity.

Active Sites

ROUND VALLEY BODY & REPAIR (T0604500271)

The Site is the location of a former commercial petroleum fueling facility and currently a vacant lot. An unauthorized release was reported in October 1996 following a Underground Storage Tank (UST) leak inspection. In August 1999, four USTs (three gasoline, one diesel) were removed with approximately 4 cubic yards of impacted soil over-excavated. Active remediation has not been conducted at the Site and there are no groundwater monitoring wells at the Site.

Six soil borings with temporary well screens were drilled in August 2022. The six borings were sampled for soil and groundwater and subsequently backfilled. No free product has been observed at the Site. However, according to groundwater data, water quality objectives have not been achieved. The petroleum release is limited to the soil and shallow groundwater.

As of April 2023, The State Water Board issued a request for additional groundwater assessment to define the downgradient extent of groundwater contamination, followed by a sensitive receptor survey with a distance of 500 feet or 1,000 feet of the Site depending on the areal extent of groundwater contamination. The Site is not located within the service area of a public water system.

MOUNTAIN VALLEY COMPANY PROPERTY (T0604570646)

This site contains a UST that is estimated to be less than 500 gallons in capacity and reportedly contained waste oil. As of May, 2023 a workplan was approved by the North Coast Regional Water Quality Control Board (NCRWQC) to assess potential soil and ground water impacts from the suspected UST Release with the intent to move forward to case closure consideration in accordance with State Low Threat Case Closure Policy guidelines.

SHELL, WALKER'S PRODUCTS (T0604500169)

This site is a former bulk plant and currently a vacant lot. An unauthorized release was reported in January 1992 following the removal of a UST, the content is unknown and reportedly the size was 6,000 gallons. Based on a Site inspection in March 1993, four aboveground storage tanks were observed and an open excavation in the southern corner, there are no groundwater monitoring wells related to the Site and active remediation has not occurred at the Site. Groundwater quality beneath the Site is unknown. As of May 2021 the case was referred to the Office of Enforcement due to a lack of compliance with submission of a work plan.

Closed Sites

MCDPW COVELO ROAD YARD (T0604500295)

Mendocino County Department of Public Works yard site and operated as an active road maintenance yard. In June 1997, four USTs were removed from the site. The piping system had failed and released approximately 100 gallons of product during each fill/use cycle. As of November 2022, the site was closed following cleanup and monitoring activities with the contaminant plume being identified as a low threat to human health and safety and to the environment.

POLI PROPERTY (T0604591115)

The site was a fueling station known as D & W Service, with two unleaded gasoline USTs in a common excavation cavity on the north side, and one UST on the south side of the site. Two fuel dispensers were located along Commercial Street on the west side of the property. In February 1997, the USTs were removed, and hydrocarbon odors in soils were noted along with sheens and odors on the groundwater surface in both the north and south UST excavation cavities.

Investigations shown that the area of impact was limited to the area immediately beneath the former UST and has not shown signs of contaminant migration since the USTs and dispensers were removed. Site closed with deed restriction and soil management plan in place.

CHEVRON #9-2662 (T0604500086)

In 1997 seven USTs (leaded and unleaded gasoline) were removed from the property. Soil samples indicated that a release of petroleum hydrocarbons had occurred at the site. Following cleanup activities, the petroleum release was deemed mitigated to the extent practical and do not appear to pose a threat to beneficial uses of water. A No Further Action letter was issued in March, 2011.

PRIVATE RESIDENCE (T0604592512)

Soil and groundwater contamination from a private UST that was removed in the 1980s was identified in 2000 during a property transfer. Approximately 19,788 tons of contaminated soil and 317,600 gallons of contaminated water were removed from the property or removed from onsite. In 2007, the remaining groundwater plume was deemed not to pose a threat to the beneficial uses of groundwater and estimated to naturally attenuate within 5 to 10 years. A No Further Action letter was issued in December, 2007.

SMITH, CHERYL (T0604500343)

Two USTs were removed from the property. No groundwater was present during the excavation and minor quantities of diesel and xylenes were identified in the soil. No remedial action was required and a Case Closure letter was issued in May, 2000.

COVELO CSD TREATMENT PLANT (T0604500353)

Listed as a diesel leak that was discovered in 1999 and subsequently closed within 2-months. Potential media of concern is listed as soil with no cleanup actions on record.

LOUISIANA PACIFIC / COVELO (T0604500083)

Listed as a gasoline leak that was discovered in 1989 and closed in 1997. Potential media of concern is listed as soil with no cleanup actions on record.

CDOT COVELO MAINTENANCE STATION (T0604500011)

Listed as a gasoline leak that was discovered in 1987 and closed in 1997. Potential media of concern is listed as groundwater with no cleanup actions on record.

COVELO FIRE PROTECTION DISTRICT (T0604500054)

Listed as a gasoline leak that was discovered in 1989 and closed in 1994. Potential media of concern is listed as soil with no cleanup actions on record.

4. Groundwater Monitoring Program Considerations

Based on the locations of existing monitoring wells that RVCWD has reasonable confidence will continue to be available for the foreseeable future, the location of environmental considerations, the goals of the RVCWD groundwater basin monitoring program, and the conceptual hydrogeologic model of the project vicinity, we recommend that eight (8) monitoring wells be constructed at the locations shown in Figure 11.

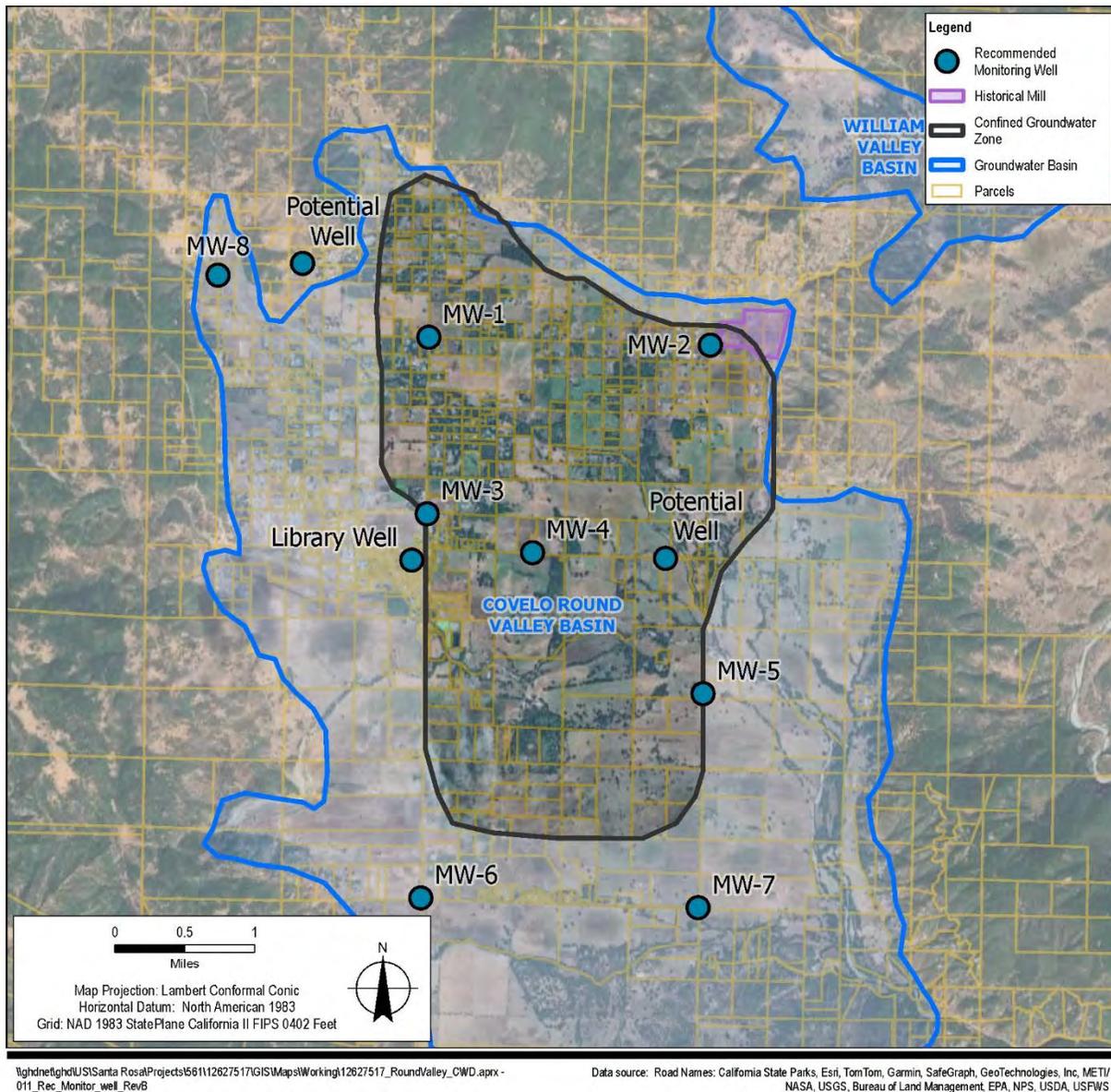


Figure 11 Proposed Groundwater Monitoring Well Locations

Table 2 provides a summary of the location and construction details. Preliminary construction details for both the shallow and deeper monitoring wells are provided in Appendix D.

Monitoring well depths were established based on if they are within special permit area. Wells inside the special permit area are required to be designed with a 40-foot sanitary seal to separate the surface unconfined aquifer from the underlying confined aquifer, however the depth of the seal could be deeper depending the lithologies encountered during drilling and well construction. For this it will be important to have a geologist/hydrogeologist in the field at the time of construction preparing lithological logs documenting the final well designs at each location.

The unconfined aquifer is understood here to have poor water quality relative to the confined aquifer and wells are required to be only screened in one of the two aquifers to prevent intermixing. Monitoring wells within the special permit area are designed to monitor the confined aquifer as a majority of private domestic and irrigation wells in the valley extend beyond 40-feet and obtain their water from this zone.

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

Table 2 Recommended New Monitoring Wells

Name	Street	Latitude	Longitude	Special Permit Area	Total Depth
MW-1	Rife Range Rd	39.817021°	-123.248142°	Yes	100
MW-2	Hwy 162 / Mina Rd	39.816593°	-123.210289°	Yes	100
MW-3	Hwy 162	39.798703°	-123.248050°	Yes	100
MW-4	Barnes Ln / Bigger Ln	39.794819°	-123.233811°	Yes	100
MW-5	Commercial St	39.780431°	-123.210638°	No	50
MW-6	Dobie Ln	39.758852°	-123.248191°	No	50
MW-7	Covelo Rd / Fairbanks Ln	39.758229°	-123.210921°	No	50
MW-8	Fairbanks Ln / Dobie Ln	39.823154°	-123.276599°	No	50

4.1 Permitting/CEQA

Table 3 below provides a minimum list of the permits and applications that will be needed for the development of a new well.

Table 3 Required Permits and Applications

Agency	Document	Required Procedure
Mendocino County Environmental Health	Well Permit Application	Sanitary seal inspections, setback checks, and environmental review
Mendocino County Environmental Health	CEQA Initial Study / Mitigated Negative Declaration	This project is expected to be Categorically Exempt of a CEQA initial study and will be required to file a Notice of Exemption.
County of Mendocino Department of Transportation	Encroachment Permit	
County of Mendocino General Services Department	Easement Agreement	

4.2 Costs

Based on conversations with RVCWD, the well locations were selected near county roads and right of ways to provide easy access and locating for RVCWD staff and long-term maintenance operations. A Class 3 cost estimate, assuming prevailing wage labor costs, for the recommended monitoring wells are provided in Table 4, below.

Table 4 Gross Cost Estimate for Proposed New Monitoring Wells

Item	Qty.	Unit Price	Total Price
Mobilization/ Demobilization of Drilling Equipment and Crew	1	\$8,000	\$8,000
Drilling 2-inch Monitoring Well, 6-inch borehole	600-feet	\$75	\$45,000

This Technical Memorandum is provided as an interim output under our agreement with RVCWD. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

Item	Qty.	Unit Price	Total Price
50-ft Monitoring Well Construction Materials, Well Development & Supporting Equipment	4	\$4,000	\$16,000
100-ft Monitoring Well Construction Materials, Well Development & Supporting Equipment	4	\$7,500	\$30,000
Total Construction Cost			\$99,000
Physical Well Siting, Permitting, USA Mark-ups, Construction Management (CM) & Well Development Oversight	1	LS	\$30,000
Top of Casing Survey for Latitude & Longitude (All 17 monitored wells for future groundwater gradient calculations, etc.)	1	LS	\$10,000
Final Well Construction Reporting	1	LS	\$15,000
Total Permitting, CM, and Reporting Cost			\$55,000
Total Cost			\$149,000

5. Recommendations Summary

Considering the background information collected here, and to achieve the RVCWD groundwater basin monitoring goals, GHD recommends:

1. A detailed site visit of proposed monitoring wells locations by/with the RVCWD staff to confirm the exact locations of drilling and perform Underground Service Alert survey paint mark-up for the drillers.
2. Obtain necessary permits for drilling of monitoring wells (encroachment permits, easement agreements, CEQA documentation, and drilling permits).
3. Installing eight (8) new monitoring wells within County public right-of-ways. Four (4) of those monitoring wells would be completed to approximately 50 feet in depth, and four (4) would be completed to approximately 100 feet in depth.
4. To confirm anticipated conditions, collect data for the design of the monitoring wells, and provide construction oversight we recommend a professional geologist licensed in the State of California be retained to oversee drilling and well construction activities. Additionally, we recommend a licensed surveyor prepare a top of casing survey report for each program well to document its latitude and longitude for potential groundwater gradient and flow direction calculations in the future.

Regards,




Ryan Crawford, P.G.
Senior Hydrogeologist/Project Manager

707.496.8070
Ryan.Crawford@ghd.com




Coleton Golden, P.G.
Project Geologist

707.236.1547
Coleton.Golden@ghd.com

Appendices:

1. Appendix A: Department of Water Resources Well Completion Reports
2. Appendix B: CASGEM Well Locations and Hydrographs
3. Appendix C: Known Environmental Cleanup Sites
4. Appendix D: Preliminary Monitoring Well Construction Details

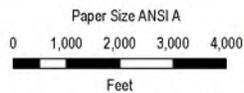
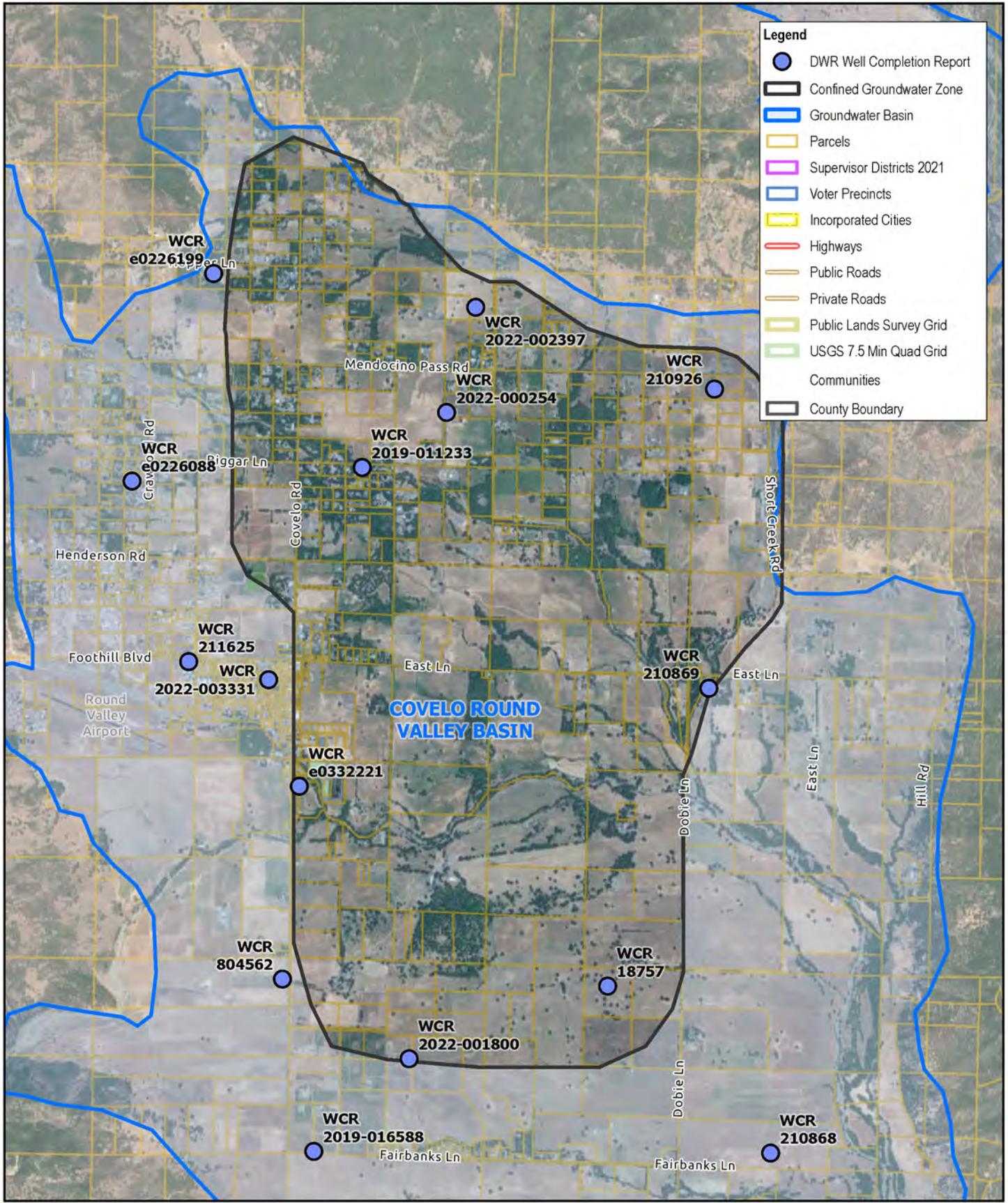
6. References

- California Department of Water Resources (DWR). *Well Completion Report Map Application*. Sacramento (CA). Viewed online at: [Well Completion Report Map Application \(arcgis.com\)](https://arcgis.com). Accessed January 2024.
- California Department of Water Resources (DWR), 1975. *Bulletin 118 – California’s Ground Water*. Sacramento (CA). [Government Report].
- California Department of Water Resources (DWR), 2019. *California Water Plan Update 2018*. Sacramento (CA). [Government Report].
- California Geological Survey (CGS). *Geologic Map of California*. Published by the California Department of Conservation, Sacramento (CA). Viewed online at: [Geologic Map of California](https://www.cgs.ca.gov). Accessed January 2024.
- California Water Boards. *2024 Aquifer Risk Map*. Published by the State Water Resources Control Board, Sacramento (CA). Viewed online at: [Aquifer Risk Map \(ca.gov\)](https://www.waterboards.ca.gov). Accessed January 2024.
- Department of Toxic Substance Control (DTSD). *Envirostor*. Berkeley, (CA). Viewed online at: [EnviroStor Database \(ca.gov\)](https://www.dtsc.ca.gov). Accessed January 2024.
- CASGEM (2024). California Statewide Groundwater Elevation Monitoring Online System. California Department of Water Resources. Viewed online at: <https://www.casgem.water.ca.gov/>. Accessed January 2024.
- PCM (2009). The County of Mendocino General Plan. Adopted August 2009. Viewed online at: [Mendocino County General Plan | Mendocino County, CA](https://www.mendocino.ca.gov). Accessed January 2024.
- Mendocino County (1994). Mendocino County Well Ordinance and Special Permit Areas and Well Standards. Published April 4, 1994.
- State Water Resources Control Board. *GeoTracker*. Sacramento, (CA). Viewed online at: [GeoTracker \(ca.gov\)](https://www.waterboards.ca.gov). Accessed January 2024.
- U.S. Census Bureau (2022). American Community Survey 5-year estimates. Retrieved from Census Reporter Profile page for Round Valley, CA <http://censusreporter.org/profiles/16000US0663148-round-valley-ca/>.
- United States Geological Survey (USGS). The National Geologic Map Database. Published by the U.S. Department of the Interior, Menlo Park, CA. Viewed online at: <https://ngmdb.usgs.gov/mapview>. Accessed January 2024.
- Muir. K. S. and Webster D. A. (USGS) (1977). Geohydrology of Part of the Round Valley Indian Reservation, Mendocino County California. United States Geological Survey, Water Resources Division. Water-Resources Investigations 77-22. Prepared in Cooperation with the U.S. Bureau of Indian Affairs.

Appendices

Appendix A

**Department of Water Resources Well
Completion Reports**



Round Valley County Water District
Groundwater Monitoring

Project No. 12627517
Revision No.
Date Feb 2024

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet

Department of Water Resources
Well Completion Reports

APPENDIX A

ORIGINAL

File with DWR

STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

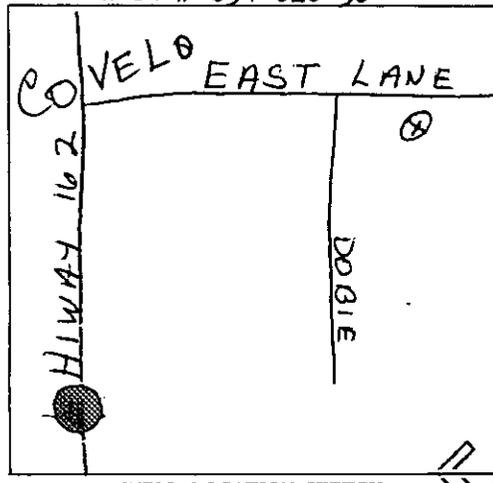
22N/12W-04M Do not fill in

No. 210869

Notice Content No. Local Permit No. or Date 9021

State Well No. Other Well No.

(1) 0' Address City (2) LOCATION OF WELL (See instructions): County Mendocino Owner's Well Number Well address if different from above Township 22N Range 12W Section 4 Distance from cities, roads, railroads, fences, etc. 26201 East Lane Covelo A.P. # 034-010-50



(3) TYPE OF WORK: New Well [X] Deepening [] Reconstruction [] Reconditioning [] Horizontal Well [] Destruction [] (Describe destruction materials and procedures in Item 12) (4) PROPOSED USE: Domestic [] Irrigation [X] Industrial [] Test Well [] Stock [] Municipal [] Other []

(12) WELL LOG: Total depth 120 ft. Depth of completed well 116 ft. from ft. to ft. Formation (Describe by color, character, size or material) CORRECTED LOG - supersedes # 210847 0 - 2 Top soil, sand and gravel 2 - 10 Sandy brown clay 10 - 15 Brown stiff clay 15 - 18 Loose sand and gravel 18 - 22 Brown sandy clay 22 - 28 Blue clay 28 - 45 Brown clay 45 - 92 Blue stiff clay 92 - 97 Cemented gravel 97 - 116 Clean gravel 116 - 120 Clay

(5) EQUIPMENT: Rotary [X] Reverse [] Cable [] Air [] Other [] Bucket []

(6) GRAVEL PACK: Yes [X] No [] Size 3/8" pea Diameter of bore 12 1/4" 17 1/2" Packed from 21' to 120' ft.

(7) CASING INSTALLED: Steel [X] Plastic [] Concrete []

From ft.	To ft.	Dia. in.	Gage or Wall
0	99	10"	.250

(8) PERFORATIONS: screens

From ft.	To ft.	Slot size
96	116	100

(9) WELL SEAL: Was surface sanitary seal provided? Yes [X] No [] If yes, to depth 21 ft. Were strata sealed against pollution? Yes [] No [X] Interval Method of sealing cement on gravel pack

(10) WATER LEVELS: Depth of first water, if known Standing level after well completion 5 ft.

(11) WELL TESTS: Was well test made? Yes [X] No [] If yes, by whom? Weeks Type of test Pump [] Bailer [X] Air lift [] Depth to water at start of test 5 ft. At end of test 10 ft. Discharge 35 gal/min after 1/2 hours Water temperature cool

NOV 02 1987 Work started 8/11 1987 Completed 8/14 1987

WELL DRILLER'S STATEMENT: This well was drilled under my jurisdiction and the report is true to the best of my knowledge and belief. SIGNED Gerald Thompson By: Don Sinclair (Well Driller) NAME WEEKS DRILLING AND PUMP COMPANY (Person, firm, or corporation) (Typed or printed) Address P.O. Box 176 - 6100 Sebastopol Road City Sebastopol, California Zip 95472 License No. C57-177681 Date of this report September 15, 1987

Well Completion Report

Page 1 of 1

Owner's Well Number Well #2 No. e0332221

Date Work Began 10/19/2016 Date Work Ended 10/21/2016

Local Permit Agency Mendocino County Environmental Health Division

Permit Number WW22949 Permit Date 9/1/16

DWR Use Only - Do Not Fill In

22N12W34
State Well Number/Site Number

394706N 1231451W
Latitude Longitude

APN/TRS/Other

Geologic Log		
Orientation <input checked="" type="radio"/> Vertical <input type="radio"/> Horizontal <input type="radio"/> Angle Specify _____		
Drilling Method <u>Direct Rotary</u> Drilling Fluid <u>Polymer mud</u>		
Depth from Surface	Description	
Feet to Feet	Describe material, grain size, color, etc	
0	10	Tan clay
10	25	Gravels with clay
25	35	Gray clay
35	65	Gravels
65	75	Gray clay
75	90	Gravels
90	100	Gray clay
Total Depth of Boring <u>100</u> Feet		
Total Depth of Completed Well <u>100</u> Feet		

Well Owner

Well Location

Address 75777 Covelo Road

City Covelo County Mendocino

Latitude 39 47 9 N Longitude 123 14 51 W
Dec. Min. Sec. Dec. Min. Sec.

Datum _____ Decimal Lat. _____ Decimal Long. _____

APN Book 034 Page 210 Parcel 23

Township 22N Range 12W Section 7

Location Sketch
(Sketch must be drawn by hand after form is printed.)

North

West

East

South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

New Well
 Modification/Repair
 Deepen
 Other _____
 Destroy
 Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

Water Supply
 Domestic Public
 Irrigation Industrial

Cathodic Protection
 Dewatering
 Heat Exchange
 Injection
 Monitoring
 Remediation
 Sparging
 Test Well
 Vapor Extraction
 Other _____

Water Level and Yield of Completed Well

Depth to first water _____ (Feet below surface)
 Depth to Static _____
 Water Level 12 (Feet) Date Measured 10/12/2016
 Estimated Yield * 30 (GPM) Test Type Air Lift
 Test Length 2.0 (Hours) Total Drawdown 98 (Feet)
 *May not be representative of a well's long term yield.

Casings							
Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size
Feet to Feet	(Inches)			(Inches)	(Inches)		If Any (Inches)
0	20						
20	100						
0	40						
40	60	Blank	PVC Sch. 40	SDR21	5		
60	80	Screen	PVC Sch. 40	SDR21	5	Milled Slots	0.032
60	80	Blank	PVC Sch. 40	SDR21	5		
80	100	Screen	PVC Sch. 40	SDR21	5	Milled Slots	0.032

Annular Material			
Depth from Surface	Fill	Description	
Feet to Feet			
0	21	Bentonite	
21	100	Filter Pack	8x16 Sand

Attachments

Geologic Log
 Well Construction Diagram
 Geophysical Log(s)
 Soil/Water Chemical Analyses
 Other Site Map

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Weeks Drilling & Pump Company
 Person, Firm or Corporation

P.O. Box 176 Address Sebastopol City CA State 95473 Zip
_____ Address City State Zip

Signed _____ Date Signed 12/21/16 C-57 License Number 177681
 C-57 Licensed Water Well Contractor

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

22N/12W-16M Do not fill in

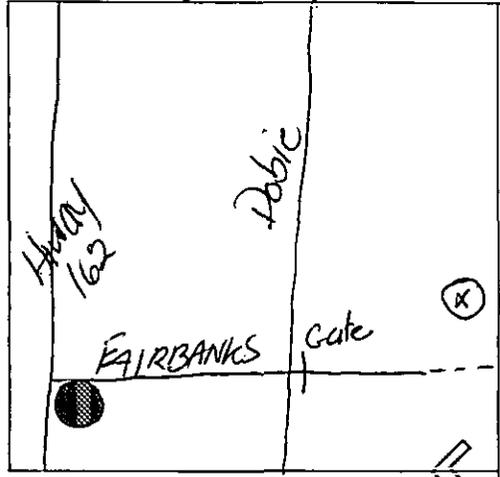
No. 210868

Notice No. 9023

State Well No. Other Well No.

12) WELL LOG: Total depth 135 ft. Depth of completed well 135 ft.

(2) LOCATION OF WELL (See instructions): County Mendocino Owner's Well Number. Well address if different from above. Township 22N Range 12W Section 16. Distance from cities, roads, railroads, fences, etc. 74005 Dobie Lane Covelo A.P. # 034-121-29



(3) TYPE OF WORK: New Well [X] Deepening [] Reconstruction [] Reconditioning [] Horizontal Well [] Destruction [] (Describe destruction materials and procedures in Item 12) (4) PROPOSED USE: Domestic [X] Irrigation [] Industrial [] Test Well [] Stock [] Municipal [] Other []

Table with 3 columns: Depth (ft.), Formation (Describe by color, character, size or material), and Well Log entries. Rows include: 0-3 Adobe and topsoil, 3-7 Brown sandy clay with embedded gravel, 7-9 Gravel with brown sandy clay, 9-10 Brown sandy clay, 10-15 Stiff brown clay, 15-17 Brown sand, 17-19 Gravel with brown sandy clay, 19-23 Brown sandy clay, 23-28 Gravel with brown sandy clay, 28-35 Birdseye gravel, 35-42 Blue sandy clay with streaks of gravel, 42-56 Stiff blue clay, 56-62 Gravel, 62-64 Stiff blue clay, 64-73 Gravel with streaks of blue clay, 73-74 Brown clay, 74-78 Gravel with blue sandy clay, 78-81 Blue gray clay with embedded gravel, 81-85 Blue gray stiff clay, 85-89 Blue clay, 89-93 Brown clay, 93-95 Blue clay, 95-96 Gravel with streaks of clay, 96-110 Gravel with brown sandy clay, 110-112 Stiff brown clay, 112-115 Brown sandy clay, 115-135 Blue gray sandy clay.

(5) EQUIPMENT: Rotary [X] Reverse [] Cable [] Air [] Other [] Bucket [] (6) GRAVEL PACK: Yes [X] No [] Size 12 1/4" Diameter of bore 21' Packed from 21' to 135' ft.

(7) CASING INSTALLED: Steel [] Plastic [X] Concrete [] (8) PERFORATIONS: Microperfs Type of perforation or size of screen. Table with columns: From ft., To ft., Dia. in., Gage or Wall, From ft., To ft., Slot size. Row 1: 0, 135, 8", CL200, 35, 55, .032. Row 2: 95, 135, "

(9) WELL SEAL: Was surface sanitary seal provided? Yes [X] No [] If yes, to depth 21 ft. Were strata sealed against pollution? Yes [] No [X] Interval. Method of sealing concrete on gravel pack

(10) WATER LEVELS: Depth of first water, if known 14 ft. Standing level after well completion 14 ft.

(11) WELL TESTS: Was well test made? Yes [X] No [] If yes, by whom? Weeks Type of test Pump [] Bailer [X] Air lift [] Depth to water at start of test 14 ft. At end of test 45 ft. Discharge 35 gal/min after 1 1/2 hours Water temperature cool. Chemical analysis made? Yes [] No [X] If yes, by whom? Was electric log made? Yes [] No [X] If yes, attach copy to this report

NOV 02 1987 Work started 9/9 19 87 Completed 9/10 19 87

WELL DRILLER'S STATEMENT: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. SIGNED: Gerald Thompson By: Don Sinclair (Well Driller) NAME: WEEKS DRILLING AND PUMP COMPANY (Person, firm or corporation) (Typed or printed) Address: P.O. Box 176 - 6100 Sebastopol Road City: Sebastopol, California Zip 95472 License No. C57-177681 Date of this report September 14, 1987

ORIGINAL
File with DWR

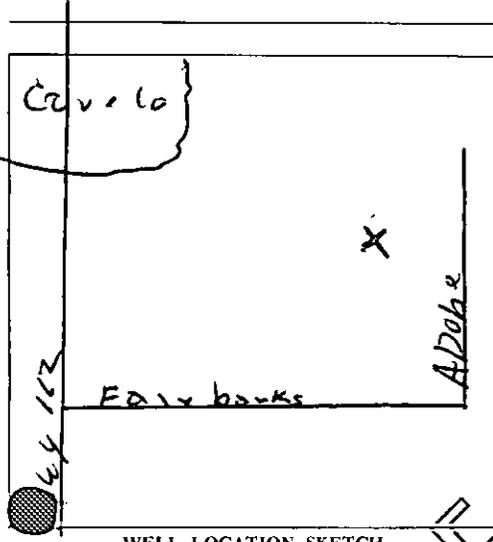
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

22K/12W-17 Do not fill in
No. 18757

Notice of Intent No. 127660
Local Permit No. or Date 1296

State Well No. _____
Other Well No. CONFIDENTIAL LOG
Water Code Sec. 13752

(2) LOCATION OF WELL (See instructions):
County Mendocino Owner's Well Number _____
Well address if different from above Adobe Lane
Township 22N Range 12 W Section 17
Distance from cities, roads, railroads, fences, etc. 1/2 Mile So. Covelo
1 1/2 Mile E Hwy. 162



(3) TYPE OF WORK:

- New Well Deepening
Reconstruction
Reconditioning
Horizontal Well
Destruction (Describe destruction materials and procedures in Item 12)
(4) PROPOSED USE:
Domestic
Irrigation
Industrial
Test Well
Stock
Municipal
Other

(12) WELL LOG: Total depth 237 ft. Depth of completed well 237 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	-	6top soil
6	-	12Bwn Cly
12	-	15sand
15	-	30 blu cly
30	-	35 sand
35	-	41 blu cly
41	-	53 gravel
53	-	58 blu cly
58	-	68 gravel
68	-	93 blu cly
93	-	99 gravel
99	-	102 blu cly
102	-	105H Pangvl
105	-	107 gravel
107	-	114 Blu cly
114	-	120 gravel
120	-	140 blu cly
140	-	162 gravel
162	-	166 blu clay
166	-	168 gravel
168	-	172 blu clay
172	-	174 H Pan
174	-	179 gravel
179	-	215 Blu clay
215	-	219 gravel
219	-	225 Blu clay
225	-	231 H Pan
231	-	233 Blu Cly
233	-	236 gravel
236	-	237 H Pan

(5) EQUIPMENT:

- Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:

- Yes No Size 1/2"
Diameter of bore 20"
Packed from 20 to 237 ft.

(7) CASING INSTALLED:

- Steel Plastic Concrete

(8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
1	237			41	53	
				58	68	
				93	99	

(9) WELL SEAL:

- 105 107 con't
Was surface sanitary seal provided? Yes No If yes, to depth 20 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing concrete

114- 120/140-162/166-168/174-179/215-219
233-236/

(10) WATER LEVELS:

Depth of first water, if known 41 ft.
Standing level after well completion 46 ft.

(11) WELL TESTS:

- Was well test made? Yes No If yes, by whom? self
Type of test Pump Bailer Air lift
Depth to water at start of test 41 ft. At end of test 46 ft.
Discharge 500 gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes No If yes, by whom? _____
Electric log made? Yes No If yes, attach copy to this report

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
SIGNED Gregory E. Johnson
(Well Driller)
NAME Northwestern Drillers
(Person, firm, or corporation) (Typed or printed)
Address P.O. Box 173
City Covelo, Ca. Zip 95428
License No. 320952 Date of this report July 1977

State of California
Well Completion Report
 Form DWR 188 Auto-Completed 1/20/2020
 WCR2019-016588

Owner's Well Number _____ Date Work Began 09/17/2019 Date Work Ended 09/26/2019
 Local Permit Agency Environmental Health Division - Ukiah Office
 Secondary Permit Agency _____ Permit Number WW23527 Permit Date 09/10/2019

Well Owner (must remain confidential pursuant to Water Code 13752)		Planned Use and Activity
Name <u>XXXXXXXXXXXXXXXXXXXX</u>	Activity <u>New Well</u>	
Mailing Address <u>XXXXXXXXXXXXXXXXXXXX</u> <u>XXXXXXXXXXXXXXXXXXXX</u>	Planned Use <u>Water Supply Irrigation - Agriculture</u>	
City <u>XXXXXXXXXXXXXXXXXXXX</u> State <u>XX</u> Zip <u>XXXXX</u>		

Well Location	
Address <u>24100 Fairbanks RD</u>	APN <u>034-121-68</u>
City <u>Covelo</u> Zip <u>95428</u> County <u>Mendocino</u>	Township <u>22 N</u>
Latitude <u>39</u> <u>45</u> <u>31.88</u> <u>N</u> Longitude <u>-123</u> <u>14</u> <u>44.28</u> <u>W</u>	Range <u>12 W</u>
Deg. Min. Sec. Deg. Min. Sec.	Section <u>18</u>
Dec. Lat. <u>39.7588556</u> Dec. Long. <u>-123.2456333</u>	Baseline Meridian <u>Mount Diablo</u>
Vertical Datum _____ Horizontal Datum <u>WGS84</u>	Ground Surface Elevation _____
Location Accuracy <u>10 Ft</u> Location Determination Method _____	Elevation Accuracy _____
	Elevation Determination Method _____

Borehole Information	
Orientation <u>Vertical</u> Specify _____	Drilling Method <u>Direct Rotary</u> Drilling Fluid <u>Polymer</u>
Total Depth of Boring <u>130</u> Feet	Total Depth of Completed Well <u>120</u> Feet

Water Level and Yield of Completed Well	
Depth to first water _____ (Feet below surface)	
Depth to Static _____	
Water Level <u>30</u> (Feet)	Date Measured <u>09/26/2019</u>
Estimated Yield* <u>50</u> (GPM)	Test Type <u>Air Lift</u>
Test Length <u>5</u> (Hours)	Total Drawdown <u>90</u> (feet)
*May not be representative of a well's long term yield.	

Geologic Log - Free Form		
Depth from Surface	Feet to Feet	Description
0	25	Tan clay
25	108	Gravels
108	111	Stiff clay
111	118	Gravels
118	130	Stiff gray clay

State of California
Well Completion Report
 Form DWR 188 Auto-Completed 4/11/2022
 WCR2022-001800

Owner's Well Number _____ Date Work Began 10/11/2021 Date Work Ended 10/18/2021
 Local Permit Agency Environmental Health Division - Ukiah Office
 Secondary Permit Agency _____ Permit Number WW24091 Permit Date 04/22/2021

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Activity <u>New Well</u>
Mailing Address <u>XXXXXXXXXXXXXXXXXXXXXX</u> <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Planned Use <u>Water Supply Domestic</u>
City <u>XXXXXXXXXXXXXXXXXXXXXX</u> State <u>XX</u> Zip <u>XXXXX</u>	

Well Location	
Address <u>24988 Fairbanks LN</u>	APN <u>034-121-78</u>
City <u>Covelo</u> Zip <u>95428</u> County <u>Mendocino</u>	Township <u>22 N</u>
Latitude <u>39 45 56.88 N</u> Longitude <u>-123 14 11.88 W</u>	Range <u>12 W</u>
Deg. Min. Sec. Deg. Min. Sec.	Section <u>18</u>
Dec. Lat. <u>39.7658</u> Dec. Long. <u>-123.2366333</u>	Baseline Meridian <u>Mount Diablo</u>
Vertical Datum _____ Horizontal Datum <u>WGS84</u>	Ground Surface Elevation _____
Location Accuracy _____ Location Determination Method _____	Elevation Accuracy _____
	Elevation Determination Method _____

Borehole Information	
Orientation <u>Vertical</u> Specify _____	
Drilling Method <u>Direct Rotary</u> Drilling Fluid <u>Bentonite</u>	
Total Depth of Boring <u>220</u> Feet	
Total Depth of Completed Well <u>215</u> Feet	

Water Level and Yield of Completed Well	
Depth to first water _____ (Feet below surface)	
Depth to Static _____	
Water Level <u>50</u> (Feet) Date Measured <u>10/18/2021</u>	
Estimated Yield* <u>100</u> (GPM) Test Type <u>Air Lift</u>	
Test Length <u>2</u> (Hours) Total Drawdown <u>150</u> (feet)	
*May not be representative of a well's long term yield.	

Geologic Log - Free Form		
Depth from Surface	Feet to Feet	Description
0	45	Tan clay
45	60	Gravels
60	110	Tan clay
110	125	Gravels
125	135	Tan stiff clay
135	170	Gravels
170	195	Stiff grey clay
195	215	Gravels
215	220	Stiff grey clay

Casings										
Casing #	Depth from Surface Feet to Feet		Casing Type	Material	Casings Specificatons	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	115	Blank	PVC	OD: 8.625 in. SDR: 21 Thickness: 0.410 in.	0.41	8.625			
1	115	175	Screen	PVC	OD: 8.625 in. SDR: 21 Thickness: 0.410 in.	0.41	8.625	Milled Slots	0.032	
1	175	195	Blank	PVC	OD: 8.625 in. SDR: 21 Thickness: 0.410 in.	0.41	8.625			
1	195	215	Screen	PVC	OD: 8.625 in. SDR: 21 Thickness: 0.410 in.	0.41	8.625	Milled Slots	0.032	

Annular Material					
Depth from Surface Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description
0	22	Bentonite	Non Hydrated Bentonite		seal
22	220	Filter Pack	12 x 20		Sand & 3/8 Pea Gravel

Other Observations:

Borehole Specifications		
Depth from Surface Feet to Feet		Borehole Diameter (inches)
0	220	16

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name	WEEKS DRILLING AND PUMP CO		
	Person, Firm or Corporation		
	PO BOX 176	SEBASTOPOL	CA 94573-
	Address	City	State Zip
Signed	<i>electronic signature received</i>	02/07/2022	177681
	C-57 Licensed Water Well Contractor	Date Signed	C-57 License Number

Attachments
034-121-78 WCR Final.pdf - Location Map

DWR Use Only			
CSG #	State Well Number	Site Code	Local Well Number
		N	W
Latitude Deg/Min/Sec		Longitude Deg/Min/Sec	
TRS:			
APN:			

22N/13W-014

RECEIVED

ORIGINAL
File with DWR

JAN 11 1993

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

Do not fill in

No. 211625

D.W.R. WATER WELL DRILLERS REPORT

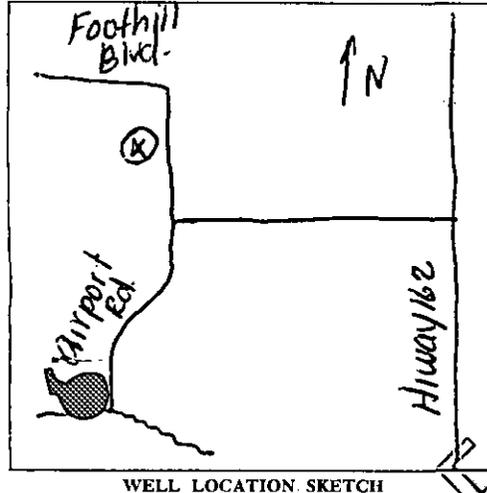
Notice of Intent No. _____
Local Permit No. or Date 9356

State Well No. _____
Other Well No. _____

(1) ()
Address: _____
City: _____
(2) LOCATION OF WELL (See instructions):
County MENDOCINO Owner's Well Number _____
Well address if different from above _____
Township 22N Range 13W Section 1
Distance from cities, roads, railroads, fences, etc. _____
Round Valley Elementary School
Foothill Blvd, Covelo
A.P. # 33-350-09

(12) WELL LOG: Total depth 150 ft. Depth of completed well 150 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	17	Brown sand and gravel
17	26	Brown sandy clay
26	39	Sand and gravel
39	53	Brown silty clay
53	55	Fine brown sand
55	63	Brown sandy clay
63	150	Gravel and boulders



(3) TYPE OF WORK:
 New Well Deepening
 Reconstruction
 Reconditioning
 Horizontal Well
 Destruction (Describe destruction materials and procedures in Item 12)
 (4) PROPOSED USE:
 Domestic
 Irrigation
 Industrial
 Test Well
 Stock
 Municipal
 Other

(5) EQUIPMENT:
 Rotary Reverse
 Cable Air
 Other Bucket
 (6) GRAVEL PACK:
 Yes No Size Monterey sand
 Diameter of bore 13 3/4"
 Packed from 52' to 150' ft.

(7) CASING INSTALLED:
 Steel Plastic Concrete
 (8) PERFORATIONS: micro
 Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	152	8"	CL200	70	150	.032

(9) WELL SEAL:
 Was surface sanitary seal provided? Yes No If yes, to depth 52 ft.
 Were strata sealed against pollution? Yes No Interval _____ ft.
 Method of sealing sand on grout pack

(10) WATER LEVELS:
 Depth of first water, if known _____ ft.
 Standing level after well completion 35 ft.

(11) WELL TESTS:
 Was well test made? Yes No If yes, by whom? Weeks
 Type of test Pump Bailer Air lift
 Depth to water at start of test 35 ft. At end of test 80 ft.
 Discharge 60+ gal/min after 2 hours Water temperature 62°
 Chemical analysis made? Yes No If yes, by whom?
 Was electric log made? Yes No If yes, attach copy to this report

DRAFT - PUBLIC USE

JAN 19 1993

Work started 8-24 19 92 Completed 8-28 19 92

WELL DRILLER'S STATEMENT:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
 SIGNED Ward Thompson By: Don Sinclair
 (Well Driller)
 NAME WEEKS DRILLING AND PUMP COMPANY
 Address P.O. Box 176-6100 Sebastopol Road
 City Sebastopol, California Zip 95473
 License No. C57-177681 Date of this report Sept. 11, 1992

State of California
Well Completion Report
 Form DWR 188 Auto-Completed 5/23/2022
 WCR2022-003331

Owner's Well Number _____ Date Work Began 11/22/2021 Date Work Ended 11/24/2021
 Local Permit Agency Environmental Health Division - Ukiah Office
 Secondary Permit Agency _____ Permit Number WW24251 Permit Date 09/20/2021

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Activity <u>New Well</u>
Mailing Address <u>XXXXXXXXXXXXXXXXXXXXXX</u> <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Planned Use <u>Water Supply Domestic</u>
City <u>XXXXXXXXXXXXXXXXXXXXXX</u> State <u>XX</u> Zip <u>XXXXX</u>	

Well Location	
Address <u>23875 Howard ST</u>	APN <u>033-240-06</u>
City <u>Covelo,</u> Zip <u>95428</u> County <u>Mendocino</u>	Township <u>22 N</u>
Latitude <u>39 47 37.24 N</u> Longitude <u>-123 15 2.08 W</u>	Range <u>13 W</u>
Deg. Min. Sec. Deg. Min. Sec.	Section <u>01</u>
Dec. Lat. <u>39.7936778</u> Dec. Long. <u>-123.2505778</u>	Baseline Meridian <u>Mount Diablo</u>
Vertical Datum _____ Horizontal Datum <u>WGS84</u>	Ground Surface Elevation _____
Location Accuracy _____ Location Determination Method _____	Elevation Accuracy _____
	Elevation Determination Method _____

Borehole Information	
Orientation <u>Vertical</u> Specify _____	
Drilling Method <u>Direct Rotary</u> Drilling Fluid <u>Bentonite</u>	
Total Depth of Boring <u>100</u> Feet	
Total Depth of Completed Well <u>100</u> Feet	

Water Level and Yield of Completed Well	
Depth to first water _____ (Feet below surface)	
Depth to Static _____	
Water Level <u>10</u> (Feet) Date Measured <u>11/24/2021</u>	
Estimated Yield* <u>50</u> (GPM) Test Type <u>Air Lift</u>	
Test Length <u>3</u> (Hours) Total Drawdown <u>74</u> (feet)	
*May not be representative of a well's long term yield.	

Geologic Log - Free Form		
Depth from Surface	Feet to Feet	Description
0	10	Tan clay
10	19	Gravels
19	35	Tan clay
35	75	Gravels
75	100	Clay with gravels

Casings										
Casing #	Depth from Surface Feet to Feet		Casing Type	Material	Casings Specificatons	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	40	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563			
1	40	60	Screen	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	
1	60	80	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563			
1	80	100	Screen	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	

Annular Material					
Depth from Surface Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description
0	23	Bentonite	Non Hydrated Bentonite		seal
23	100	Filter Pack	12 x 20		sand

Other Observations:

Borehole Specifications		
Depth from Surface Feet to Feet		Borehole Diameter (inches)
0	100	11

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name	WEEKS DRILLING AND PUMP CO		
	Person, Firm or Corporation		
	PO BOX 176	SEBASTOPOL	CA 94573-
	Address	City	State Zip
Signed	<i>electronic signature received</i>	03/23/2022	177681
	C-57 Licensed Water Well Contractor	Date Signed	C-57 License Number

Attachments
033-240-06 Final.pdf - Location Map

DWR Use Only			
CSG #	State Well Number	Site Code	Local Well Number
		N	W
Latitude Deg/Min/Sec		Longitude Deg/Min/Sec	
TRS:			
APN:			

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY -- DO NOT FILL IN

22N13W13B

STATE WELL NO./STATION NO.

LATITUDE _____ LONGITUDE _____

APN/TRS/OTHER _____

Owner's Well No. Well #1
No. **804562**
Work Began 6/12/2003, Ended 6/17/2003
Local Permit Agency Mendocino Co. Environ Health
Permit No. 15898U Permit Date 6/9/2003

GEOLOGIC LOG

ORIENTATION (VERTICAL HORIZONTAL ANGLE _____ (SPECIFY)
DRILLING METHOD MUD ROTARY FLUID JEL

DEPTH FROM SURFACE		DESCRIPTION <i>Describe material, grain, size, color, etc.</i>
Ft.	to Ft.	
0	1	Topsoil
1	4	Sandy clay and small gravels
4	81	Sands and gravels with thin clay seams
81	100	Sands and gravels

WELL OWNED

WELL LOCATION
Address 74500 Covelo Road/Hwy 162
City Covelo CA
County Mendocino
APN Book 033 Page 090 Parcel 05
Township _____ Range _____ Section _____
Latitude _____

LOCATION SKETCH

DEG. MIN. SEC. _____

NORTH _____

WEST _____ EAST _____

SOUTH _____

ACTIVITY (NEW WELL
 MODIFICATION/REPAIR
 Deepen
 Other (Specify) _____

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES ()
WATER SUPPLY
 Domestic Public
 Irrigation Industrial

MONITORING
TEST WELL
CATHODIC PROTECTION
HEAT EXCHANGE
DIRECT PUSH
INJECTION
VAPOR EXTRACTION
SPARGING
REMEDICATION
OTHER (SPECIFY) _____

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE **1**
DEPTH OF STATIC WATER LEVEL 6.5 (Ft.) & DATE MEASURED 6/17/2003
ESTIMATED YIELD 20+ (GPM) & TEST TYPE AIR LIFTED
TEST LENGTH 1 (Hrs.) TOTAL DRAWDOWN 97 (Ft.)
May not be representative of a well's long-term yield.

TOTAL DEPTH OF BORING 100 (Feet)
TOTAL DEPTH OF COMPLETED WELL 100 (Feet)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	CASING (S)					ANNULAR MATERIAL							
		TYPE (<input checked="" type="checkbox"/>)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE				
		BLANK	SCREEN	CONDUCTOR	FILL PIPE									CE-MENT (<input checked="" type="checkbox"/>)
0	21													
21	100													
+2	100					PVC	5	CL200					sand	
30	100													

ATTACHMENTS ()

- Geologic Log
- Well Construction Diagram
- Geophysical Log(s)
- Soil/Water Chemical Analysis
- Other _____

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Weeks Drilling & Pump
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

P.O. Box 176 Sebastopol CA 95473
ADDRESS CITY STATE ZIP

Signed Melissa G Lopez 06/26/03 177681
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

DC

State of California
Well Completion Report
 Form DWR 188 Auto-Completed 5/2/2022
 WCR2022-002397

Owner's Well Number WW-S2 Date Work Began 11/15/2021 Date Work Ended 11/18/2021
 Local Permit Agency Environmental Health Division - Ukiah Office
 Secondary Permit Agency _____ Permit Number WW24214 Permit Date 08/09/2021

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Activity <u>New Well</u>
Mailing Address <u>XXXXXXXXXXXXXXXXXXXXXX</u> <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Planned Use <u>Water Supply Irrigation - Agriculture</u>
City <u>XXXXXXXXXXXXXXXXXXXXXX</u> State <u>XX</u> Zip <u>XXXXX</u>	

Well Location	
Address <u>24855 Barnes LN</u>	APN <u>032-340-62</u>
City <u>Covelo</u> Zip <u>95428</u> County <u>Mendocino</u>	Township <u>23 N</u>
Latitude <u>39 49 17.094 N</u> Longitude <u>-123 13 52.4495 W</u>	Range <u>12 W</u>
Deg. Min. Sec. Deg. Min. Sec.	Section <u>30</u>
Dec. Lat. <u>39.821415</u> Dec. Long. <u>-123.231236</u>	Baseline Meridian <u>Mount Diablo</u>
Vertical Datum _____ Horizontal Datum <u>WGS84</u>	Ground Surface Elevation _____
Location Accuracy _____ Location Determination Method _____	Elevation Accuracy _____
	Elevation Determination Method _____

Borehole Information	
Orientation <u>Vertical</u> Specify _____	
Drilling Method <u>Direct Rotary</u> Drilling Fluid <u>Bentonite</u>	
Total Depth of Boring <u>160</u> Feet	
Total Depth of Completed Well <u>160</u> Feet	

Water Level and Yield of Completed Well	
Depth to first water _____ (Feet below surface)	
Depth to Static _____	
Water Level <u>5</u> (Feet) Date Measured <u>11/18/2021</u>	
Estimated Yield* <u>30</u> (GPM) Test Type <u>Air Lift</u>	
Test Length <u>2</u> (Hours) Total Drawdown <u>142</u> (feet)	
*May not be representative of a well's long term yield.	

Geologic Log - Free Form		
Depth from Surface	Feet to Feet	Description
0	10	Tan clay
10	15	Gravels
15	35	Tan clay
35	50	Gravels
50	75	Tan clay
75	110	Gravels
110	115	Stiff grey clay
115	145	Gravels
145	160	Stiff grey clay

Casings										
Casing #	Depth from Surface Feet to Feet		Casing Type	Material	Casings Specificatons	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	80	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563			
1	80	120	Screen	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	
1	120	140	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563			
1	140	160	Screen	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	

Annular Material					
Depth from Surface Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description
0	23	Bentonite	Non Hydrated Bentonite		seal
23	160	Filter Pack	12 x 20		sand

Other Observations:

Borehole Specifications		
Depth from Surface Feet to Feet		Borehole Diameter (inches)
0	160	11

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name	WEEKS DRILLING AND PUMP CO		
	Person, Firm or Corporation		
	PO BOX 176	SEBASTOPOL	CA 94573-
	Address	City	State Zip
Signed	<i>electronic signature received</i>	02/24/2022	177681
	C-57 Licensed Water Well Contractor	Date Signed	C-57 License Number

Attachments
032-340-62 wcr.pdf - Location Map

DWR Use Only			
CSG #	State Well Number	Site Code	Local Well Number
		N	W
Latitude Deg/Min/Sec		Longitude Deg/Min/Sec	
TRS:			
APN:			

State of California
Well Completion Report
 Form DWR 188 Auto-Completed 10/14/2019
 WCR2019-011233

Owner's Well Number WW2 Date Work Began 07/29/2019 Date Work Ended 08/01/2019
 Local Permit Agency Environmental Health Division - Ukiah Office
 Secondary Permit Agency _____ Permit Number WW23463 Permit Date 07/08/2019

Well Owner (must remain confidential pursuant to Water Code 13752)

Name XXXXXXXXXXXXXXXXXXXX
 Mailing Address XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
 City XXXXXXXXXXXXXXXXXXXX State XX Zip XXXXX

Planned Use and Activity

Activity New Well
 Planned Use Water Supply Domestic

Well Location

Address 24451 Biggar LN APN 032-400-37-05
 City Covelo Zip 95428 County Mendocino Township 23 N
 Latitude 39 48 34.06 N Longitude -123 14 30.83 W Range 12 W
 Deg. Min. Sec. Deg. Min. Sec. Section 31
 Dec. Lat. 39.8094611 Dec. Long. -123.2418972 Baseline Meridian Mount Diablo
 Vertical Datum _____ Horizontal Datum WGS84 Ground Surface Elevation _____
 Location Accuracy 10 Ft Location Determination Method _____ Elevation Accuracy _____
 Elevation Determination Method _____

Borehole Information

Orientation Vertical Specify _____
 Drilling Method Direct Rotary Drilling Fluid Polymer
 Total Depth of Boring 200 Feet
 Total Depth of Completed Well 200 Feet

Water Level and Yield of Completed Well

Depth to first water _____ (Feet below surface)
 Depth to Static _____
 Water Level 0 (Feet) Date Measured 08/01/2019
 Estimated Yield* 60 (GPM) Test Type Air Lift
 Test Length 4 (Hours) Total Drawdown 189 (feet)
 *May not be representative of a well's long term yield.

Geologic Log - Free Form

Depth from Surface Feet to Feet	Description
0 140	Stiff gray clay
140 170	Gravels
170 180	Stiff gray clay
180 190	Gravels
190 200	Stiff gray clay

State of California
Well Completion Report
 Form DWR 188 Auto-Completed 3/14/2022
 WCR2022-000254

Owner's Well Number _____ Date Work Began 09/22/2021 Date Work Ended 09/27/2021
 Local Permit Agency Environmental Health Division - Ukiah Office
 Secondary Permit Agency _____ Permit Number WW24195 Permit Date 08/09/2021

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Activity <u>New Well</u>
Mailing Address <u>XXXXXXXXXXXXXXXXXXXXXX</u> <u>XXXXXXXXXXXXXXXXXXXXXX</u>	Planned Use <u>Water Supply Irrigation - Agriculture</u>
City <u>XXXXXXXXXXXXXXXXXXXXXX</u> State <u>XX</u> Zip <u>XXXXX</u>	

Well Location	
Address <u>77450 Barnes LN</u>	APN <u>032-390-12</u>
City <u>Covelo</u> Zip <u>95428</u> County <u>Mendocino</u>	Township <u>23 N</u>
Latitude <u>39 48 49 N</u> Longitude <u>-123 14 2 W</u>	Range <u>12 W</u>
Deg. Min. Sec. Deg. Min. Sec.	Section <u>31</u>
Dec. Lat. <u>39.8136111</u> Dec. Long. <u>-123.2338889</u>	Baseline Meridian <u>Mount Diablo</u>
Vertical Datum _____ Horizontal Datum <u>WGS84</u>	Ground Surface Elevation _____
Location Accuracy <u>10 Ft</u> Location Determination Method _____	Elevation Accuracy _____
	Elevation Determination Method _____

Borehole Information	
Orientation <u>Vertical</u> Specify _____	
Drilling Method <u>Direct Rotary</u> Drilling Fluid <u>Polymer</u>	
Total Depth of Boring <u>200</u> Feet	
Total Depth of Completed Well <u>200</u> Feet	

Water Level and Yield of Completed Well	
Depth to first water _____ (Feet below surface)	
Depth to Static _____	
Water Level <u>12</u> (Feet) Date Measured <u>09/27/2021</u>	
Estimated Yield* <u>25</u> (GPM) Test Type <u>Air Lift</u>	
Test Length <u>3</u> (Hours) Total Drawdown <u>177</u> (feet)	
*May not be representative of a well's long term yield.	

Geologic Log - Free Form		
Depth from Surface	Feet to Feet	Description
0	5	Tan clay
5	10	Gravels
10	35	Gray clay
35	55	Gravels
55	105	Stiff gray clay
105	120	Gravels
120	155	Gray clay
155	165	Gravels
165	180	Gray clay
180	187	Gravels with sand
187	190	Stiff gray clay
190	195	Gravels
195	200	Stiff gray clay

Casings

Casing #	Depth from Surface Feet to Feet		Casing Type	Material	Casings Specificatons	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	105	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563			
1	105	125	Screen	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	
1	125	155	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563			
1	155	195	Screen	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563	Milled Slots	0.032	
1	195	200	Blank	PVC	OD: 5.563 in. SDR: 21 Thickness: 0.265 in.	0.265	5.563			

Annular Material

Depth from Surface Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description
0	22	Bentonite	Non Hydrated Bentonite		Seal
22	200	Filter Pack	12 x 20		Sand

Other Observations:

Borehole Specifications		
Depth from Surface Feet to Feet		Borehole Diameter (inches)
0	200	11

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name	WEEKS DRILLING AND PUMP CO		
	Person, Firm or Corporation		
	PO BOX 176	SEBASTOPOL	CA 94573-
	Address	City	State Zip
Signed	<i>electronic signature received</i>	01/10/2022	177681
	C-57 Licensed Water Well Contractor	Date Signed	C-57 License Number

Attachments
032-390-15.pdf - Location Map

DWR Use Only			
CSG #	State Well Number	Site Code	Local Well Number
		N	W
Latitude Deg/Min/Sec		Longitude Deg/Min/Sec	
TRS:			
APN:			

23N12W-2833

Do not fill in

ORIGINAL

File with DWR

STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

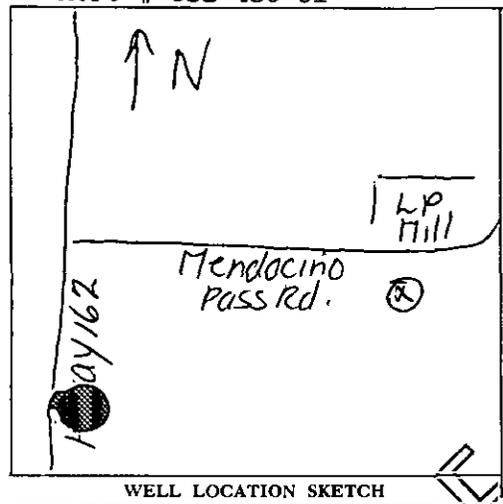
No. 210926

Notice of Intent No. Lock No. or Date. 6735

State Well No. Other Well No.

(1) LOCATION OF WELL (See instructions): County Mendocino Owner's Well Number Well address if different from above Township 23N Range 12W Section 28 Distance from cities, roads, railroads, fences, etc. 26001 Mendocino Pass Road Covelo A.P. # 032-430-01

(12) WELL LOG: Total depth 50 ft. Depth of completed well 51 ft. from ft. to ft. Formation (Describe by color, character, size or material) 0 - 8 Brown sandy clay 8 - 12 Embedded sand and gravel with loose streaks 12 - 24 Blue sandy clay 24 - 26 Blue coarse sand 26 - 33 Blue silty clay 33 - 35 Blue coarse sand 35 - 40 Blue silty clay 40 - 46 Coarse blue sand and wood 46 - 50 Blue silty clay



(3) TYPE OF WORK: New Well [X] Deepening [] Reconstruction [] Reconditioning [] Horizontal Well [] Destruction [] (Describe destruction materials and procedures in Item 12) (4) PROPOSED USE: Domestic [X] Irrigation [] Industrial [] Test Well [] Stock [] Municipal [] Other []

(5) EQUIPMENT: Rotary [X] Reverse [] Cable [] Air [] Other [] Bucket []

(6) GRAVEL PACK: Monterey sand Yes [] No [X] Size 13 1/2" Diameter of bore 20 to 50 ft. Packed from 20 to 50 ft.

(7) CASING INSTALLED: Steel [] Plastic [X] Concrete [] From ft. To ft. Dia. in. Casing or Wall 0 51' 6" CL200

(8) PERFORATIONS: microperfs Type of perforation or size of screen From ft. To ft. Slot size 20 50 .032

(9) WELL SEAL: Was surface sanitary seal provided? Yes [X] No [] If yes, to depth 20' ft. Were struts sealed against pollution? Yes [] No [X] Interval ft. Method of sealing sand pack on cement

Work started 4/13 19 88 Completed 4/14 19 88

(10) WATER LEVELS: Depth of first water, if known ft. Standing level after well completion 4' ft.

WELL DRILLER'S STATEMENT: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. SIGNED Gerald Thompson By: Don Sinclair (Well Driller)

(11) WELL TESTS: Was well test made? Yes [X] No [] If yes, by whom? Weeks Type of test Pump [] Bailer [X] Air lift [] Depth to water at start of test 4' ft. At end of test 40' ft. Discharge 12 gal/min after 1 hours Water temperature cool

NAME WEEKS DRILLING AND PUMP COMPANY (Person, firm, or corporation) (Typed or printed) Address P.O. Box 176 - 6100 Sebastopol Road City Sebastopol, California Zip 95472 License No. C57-177681 Date of this report April 20, 1988

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY -- DO NOT FILL IN
231131122
STATE WELL NO./STATION NO.
394930 1231521
LATITUDE LONGITUDE
APN/TRS/OTHER

Page 1 of 1

Owner's Well No. WELL #1

No. **e0226199**

Date Work Began 7/15/2014, Ended 7/16/2014

Local Permit Agency _____

Permit No. _____ Permit Date _____

GEOLOGIC LOG

WELL OWNER

ORIENTATION (✓)		DRILLING METHOD	FLUID
<input checked="" type="checkbox"/> VERTICAL	<input type="checkbox"/> HORIZONTAL	<u>Mud Rotary</u>	<u>Bentonite</u>
DEPTH FROM SURFACE		DESCRIPTION	
Ft.	to Ft.	Describe material, grain, size, color, etc.	
0	11	Dark brown soil	
11	13	Brown and multi-colored sand and gravel	
13	22	Sandy tan clay	
22	31	Brown and multi-colored sand and gravel	
31	41	Brown and multi-colored sand and gravel with streaks of tan clay	
41	54	Stiff tan clay	
54	58	Black and multi-colored sands	
58	68	Stiff green clay	
68	71	Stiff green clay with embedded black sand	
71	94	Stiff green clay	
94	96	Black sand	
96	101	Stiff green clay	
101	107	Cemented sand and gravel	
107	118	Stiff gray clay	
118	123	Cemented sand and gravel	
123	129	Stiff gray clay	
129	140	Sand and gravel	

CITY _____ STATE _____ ZIP _____
WELL LOCATION
Address 23551 Hopper Lane
City Covelo CA
County Mendocino
APN Book _____ Page _____ Parcel _____
Township _____ Range _____ Section _____
Latitude _____

DEG. MIN. SEC. _____
LOCATION SKETCH
NORTH _____
WEST _____ EAST _____ SOUTH _____
Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
 NEW WELL
 MODIFICATION/REPAIR
 Deepen
 Other (Specify) _____
 DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
PLANNED USES (✓)
WATER SUPPLY
 Domestic Public
 Irrigation Industrial
MONITORING
TEST WELL
CATHODIC PROTECTION
HEAT EXCHANGE
DIRECT PUSH
INJECTION
VAPOR EXTRACTION
SPARGING
REMEDICATION
OTHER (SPECIFY) _____

TOTAL DEPTH OF BORING 140 (Feet)
TOTAL DEPTH OF COMPLETED WELL 140 (Feet)

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER N/A (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 23.5 (Ft.) & DATE MEASURED 7/16/2014
ESTIMATED YIELD 57 (GPM) & TEST TYPE Air Developed
TEST LENGTH 2 (Hrs.) TOTAL DRAWDOWN 136 (Ft.)
May not be representative of a well's long-term yield.

DEPTH FROM SURFACE		BORE-HOLE DIA. (Inches)	CASING (S)			
Ft.	to Ft.		TYPE (✓)	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS
0	140	9 7/8				
+2	22		✓	PVC	5	SDR21
22	42		✓	PVC	5	SDR21 .032
42	100		✓	PVC	5	SDR21
100	140		✓	PVC	5	SDR21 .032

DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE			
Ft.	to Ft.	CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	1	✓			CONCRETE
1	20		✓		
20	140			✓	3/8 Pea Gravel

ATTACHMENTS (✓)
Geologic Log
Well Construction Diagram
Geophysical Log(s)
Soil/Water Chemical Analysis
Other _____
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME Weeks Drilling & Pump
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
P.O. Box 176 Sebastopol CA 95473
ADDRESS CITY STATE ZIP
Signed [Signature] DATE SIGNED 08/11/14 177681 C-57 LICENSE NUMBER
WELL DRILLER/AUTHORIZED REPRESENTATIVE

Owner's Well No. WELL #1

Date Work Began 7/18/2014, Ended 7/18/2014

Local Permit Agency Mendocino County Environmental

Permit No. WW22452

Permit Date 7/18/2014

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. **e0226088**

DWR USE ONLY -- DO NOT FILL IN

23 ✓ 39483211231547

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

WELL OWNER

ORIENTATION (✓)		VERTICAL	HORIZONTAL	ANGLE	(SPECIFY)
DRILLING METHOD		<input checked="" type="checkbox"/>			
Mud Rotary					
FLUID					Bentonite
DEPTH FROM SURFACE		DESCRIPTION			
Ft.	to Ft.	Describe material, grain, size, color, etc.			
0	8	Dark brown soil			
8	32	Stiff brown clay			
32	35	Sandy brown clay			
35	71	Stiff brown clay			
71	97	Stiff green clay			
97	116	Brown and multi-colored sand and gravel			
116	120	Clayee sand and gravel			

WELL LOCATION

CITY STATE ZIP

Address 77410 Crawford Road

City Covelo CA

County Mendocino

APN Book 032 Page 480 Parcel 29

Township Range Section

Latitude DEG. MIN. SEC. DEG. MIN. SEC.

LOCATION SKETCH

NORTH WEST EAST SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. **PLEASE BE ACCURATE & COMPLETE.**

ACTIVITY (✓)

NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (✓)

WATER SUPPLY

Domestic Public

Irrigation Industrial

MONITORING

TEST WELL

CATHODIC PROTECTION

HEAT EXCHANGE

DIRECT PUSH

INJECTION

VAPOR EXTRACTION

SPARGING

REMEDICATION

OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER N/A (Ft.) BELOW SURFACE **1**

DEPTH OF STATIC WATER LEVEL 25 (Ft.) & DATE MEASURED 7/18/2014

ESTIMATED YIELD 75 (GPM) & TEST TYPE Air Developed

TEST LENGTH 2 (Hrs.) TOTAL DRAWDOWN 105 (Ft.)

May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE HOLE DIA. (Inches)	CASING (S)				INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
		TYPE (✓)	MATERIAL / GRADE					
0 to 120	9 7/8	BLANK						
+2 to 90		<input checked="" type="checkbox"/>	PVC		5	SDR21		
90 to 110		<input checked="" type="checkbox"/>	PVC		5	SDR21	.032	

DEPTH FROM SURFACE	ANNULAR MATERIAL			
	CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0 to 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CONCRETE
1 to 21				
21 to 110			<input checked="" type="checkbox"/>	3/8 Pea Gravel

ATTACHMENTS (✓)

Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analysis

Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

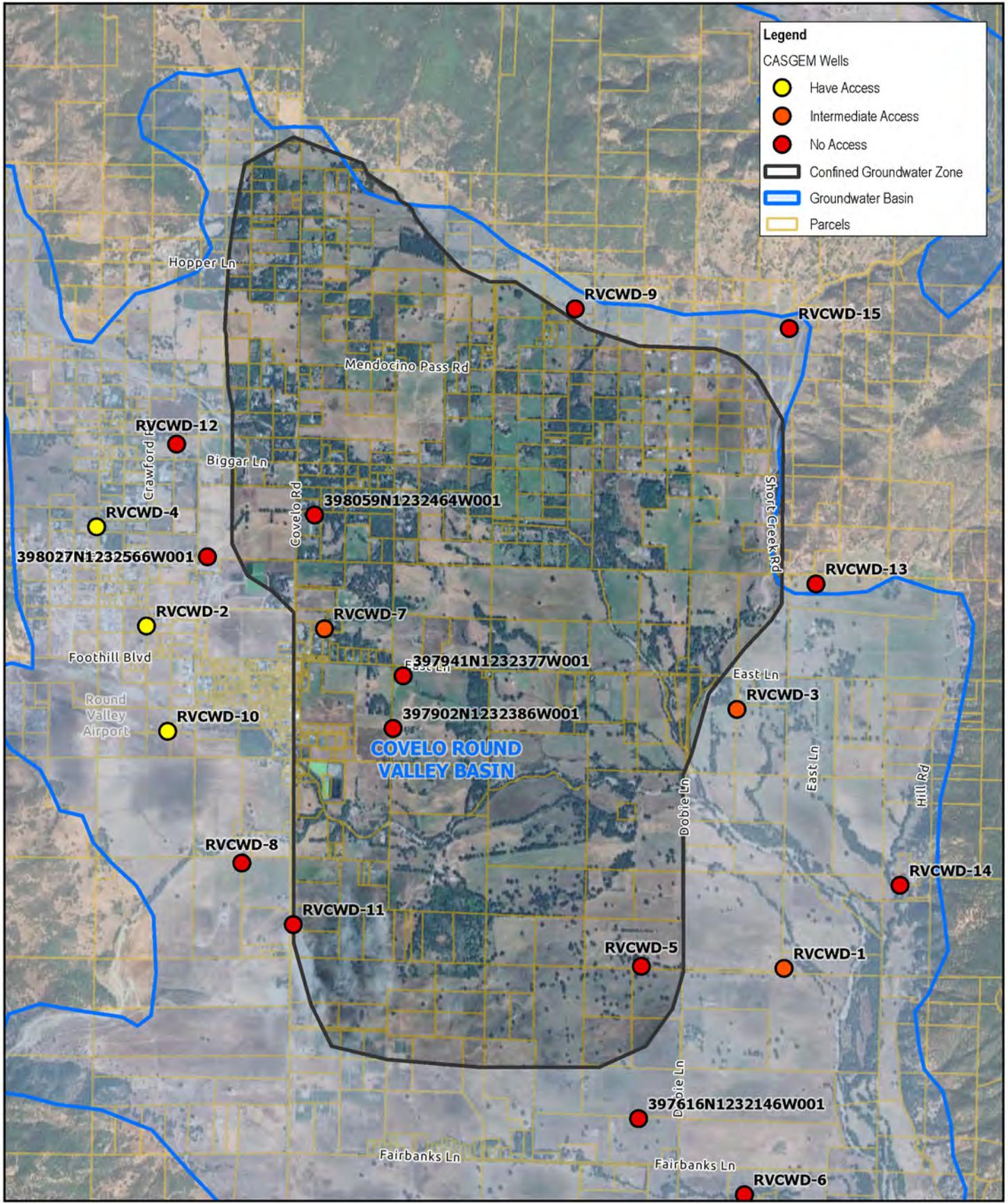
NAME Weeks Drilling & Pump
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

P.O. Box 176 Sebastopol CA 95473
ADDRESS CITY STATE ZIP

Signed [Signature] 08/08/14 177681
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

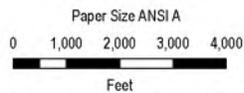
Appendix B

**CASGEM Well Locations and
Hydrographs**



Legend

- CASGEM Wells
 - Have Access
 - Intermediate Access
 - No Access
- Confined Groundwater Zone
- Groundwater Basin
- Parcels



Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet



Round Valley County Water District
Groundwater Monitoring

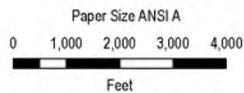
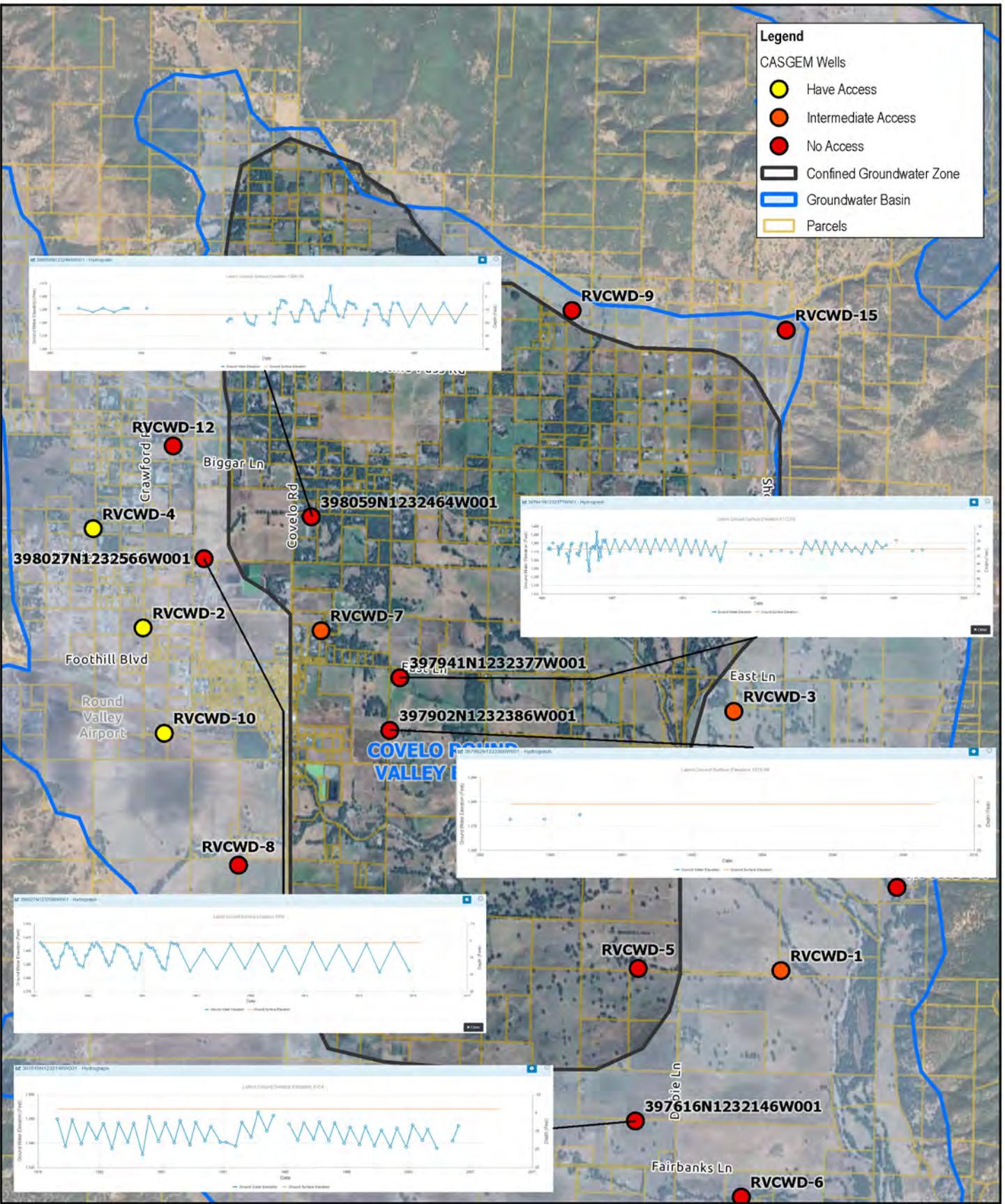
Project No. 12627517
Revision No.
Date Feb 2024

**CASGEM Well Locations
And Hydrographs**

APPENDIX B

\\ghdnet\ghd\GIS\Santa Rosa\Projects\5611\2627517\GIS\Maps\Working\12627517_RoundValley_CWD.aprx-06_CASGEM_Wells_RevB Print date: 26 Feb 2024 - 11:47

Data source: Road Names: California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS, Inside @ OpenStreetMap (and) contributors, CC-BY-SA; Parcels_sde_pub Created by: ethompson3



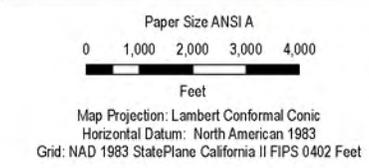
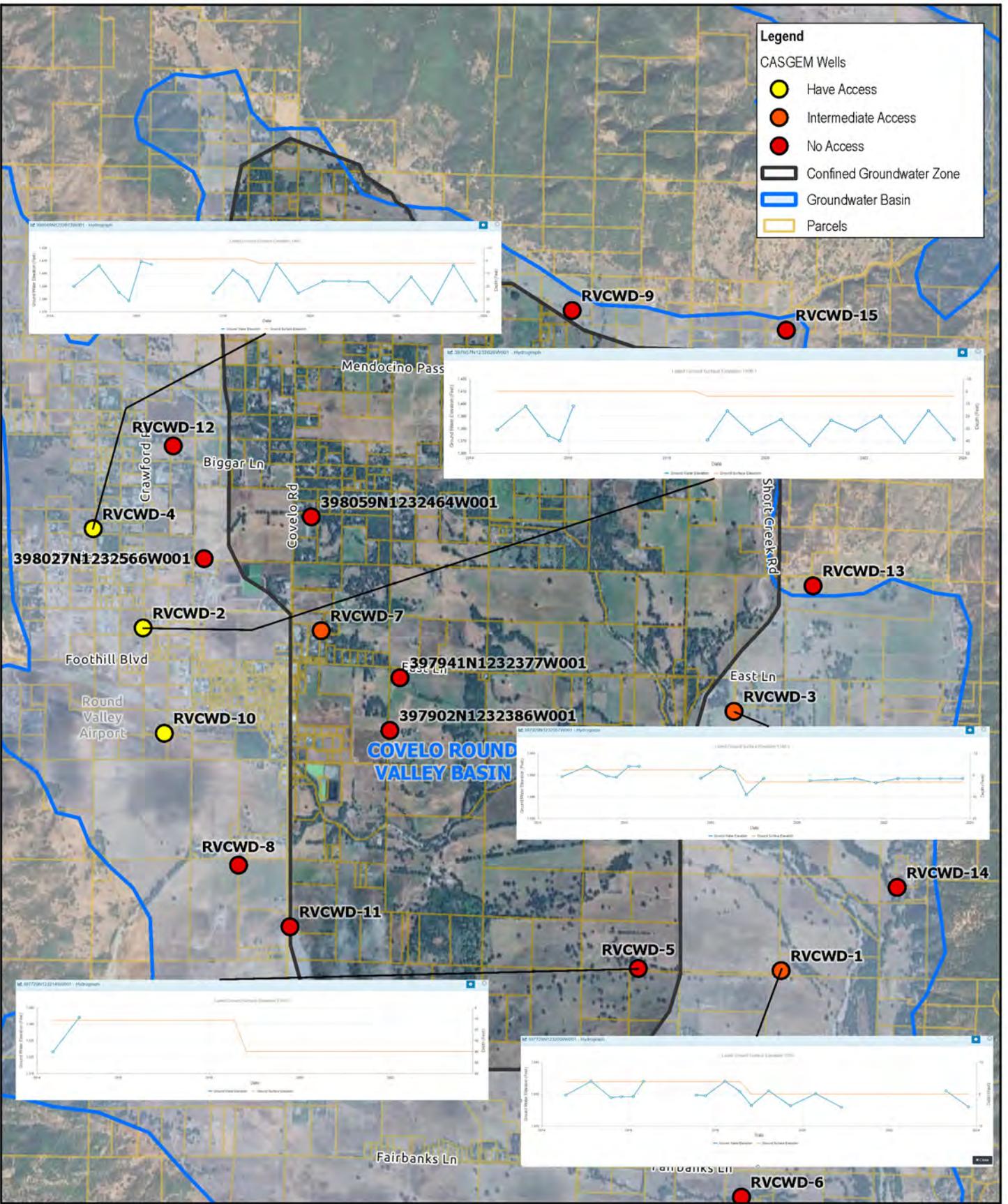
Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet

Round Valley County Water District
Groundwater Monitoring

Project No. 12627517
Revision No.
Date Feb 2024

CASGEM Well Locations And Hydrographs

APPENDIX B-1



Round Valley County Water District
Groundwater Monitoring

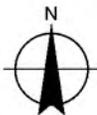
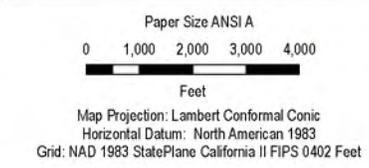
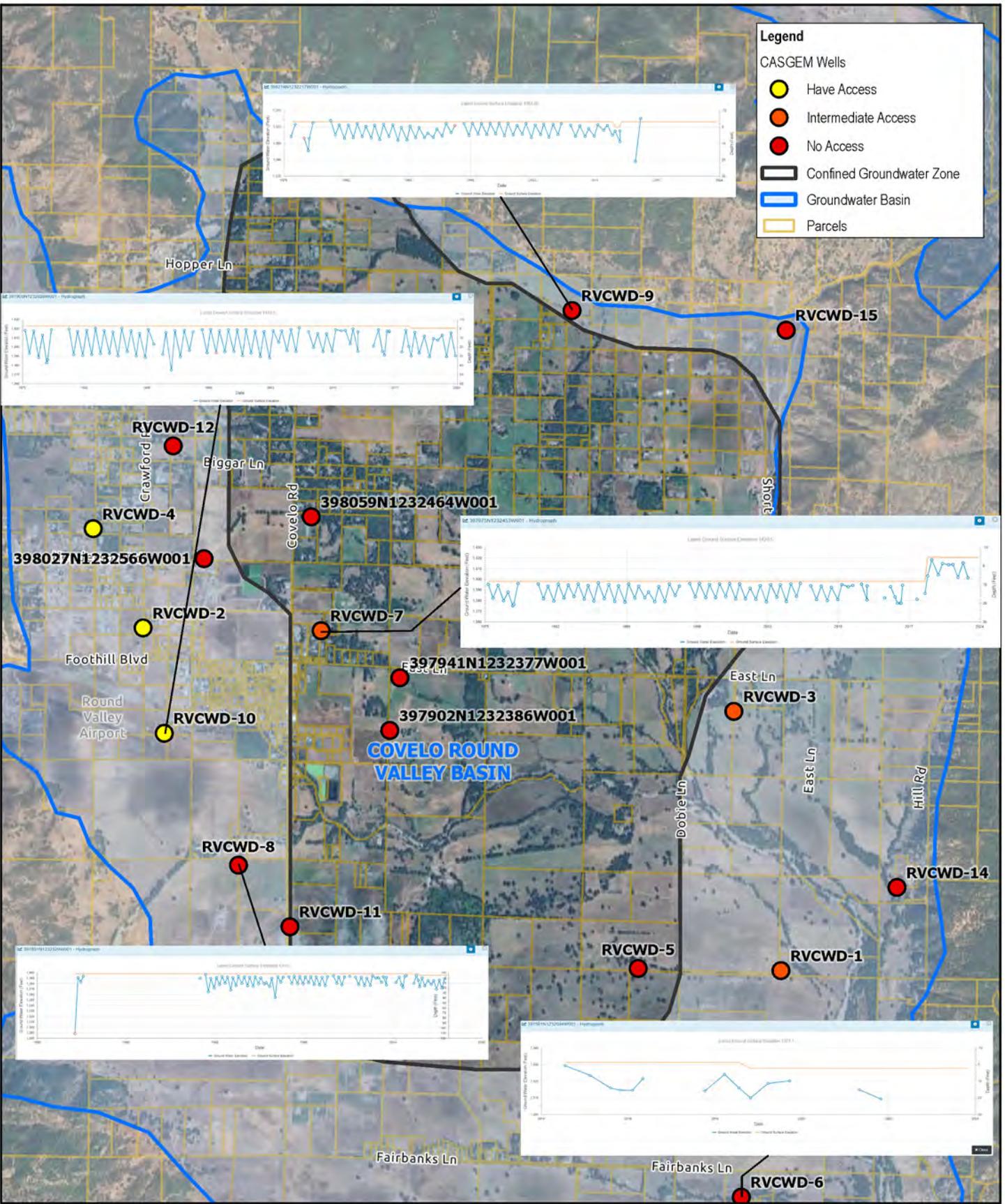
Project No. 12627517
Revision No.
Date Feb 2024

CASGEM Well Locations
And Hydrographs

APPENDIX B-2

\\ghdnet\ghd\US\Santa Rosa\Projects\5611\2627517\GIS\Maps\Working\12627517_RoundValley_CWD.aprx-08_02_CASGEM_Wells Print date: 26 Feb 2024 - 11:45

Data source: Road Names: California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS, Inside @ OpenStreetMap (and) contributors, CC-BY-SA; Parcels_sde_pub: Created by: ethompson3



Round Valley County Water District
Groundwater Monitoring

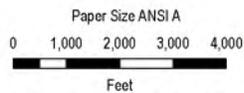
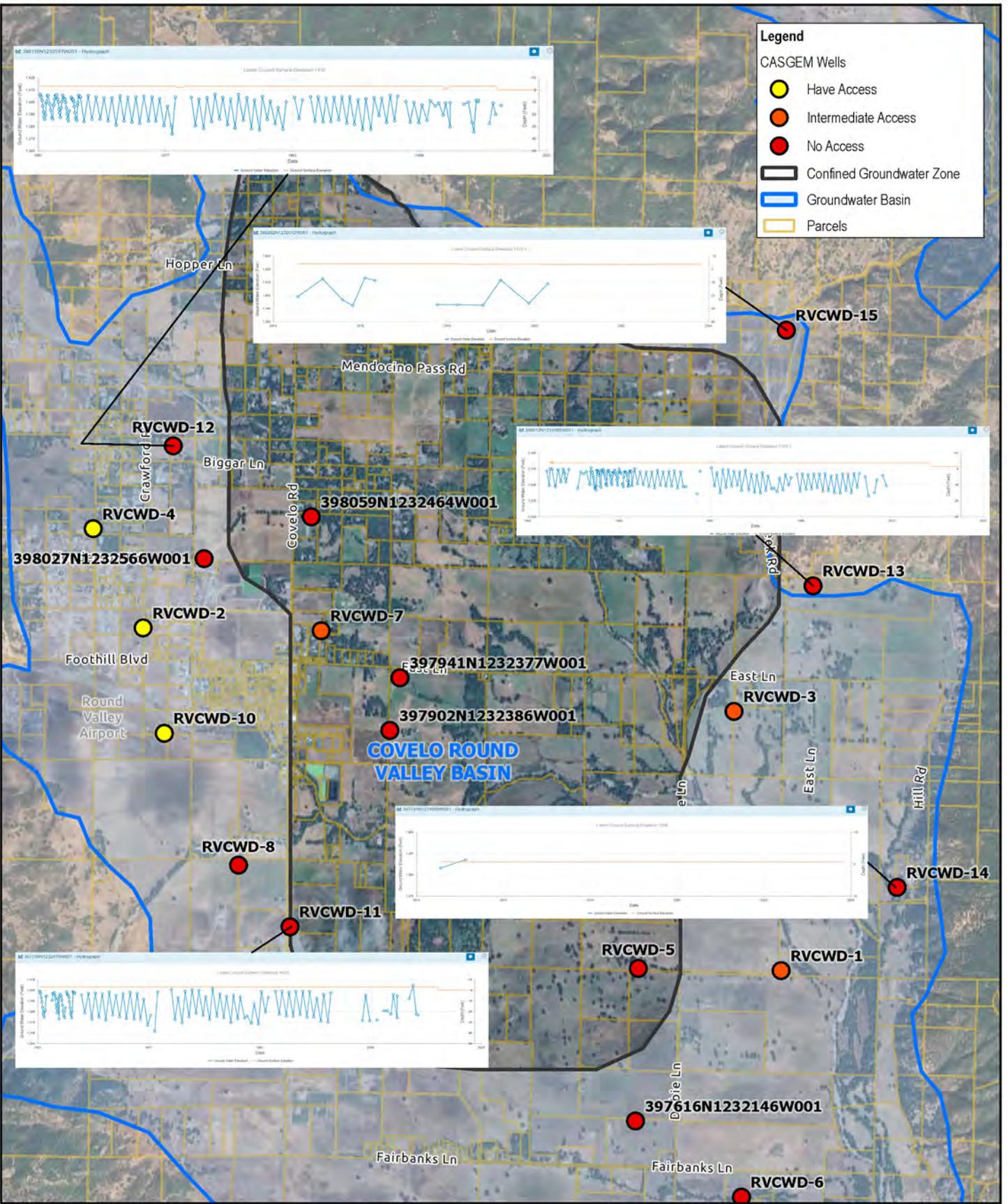
Project No. 12627517
Revision No.
Date Feb 2024

CASGEM Well Locations
And Hydrographs

APPENDIX B-3

\\ghdnet\ghd\US\Santa Rosa\Projects\561112627517\GIS\Maps\Working\12627517_RoundValley_CWD.aprx-09_03_CASGEM_Wells Print date: 26 Feb 2024 - 11:46

Data source: Road Names: California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS, Inside @ OpenStreetMap (and) contributors, CC-BY-SA; Parcels_sde_pub: Created by: ethompson3



Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet

Round Valley County Water District
Groundwater Monitoring

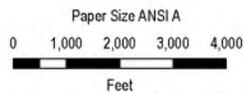
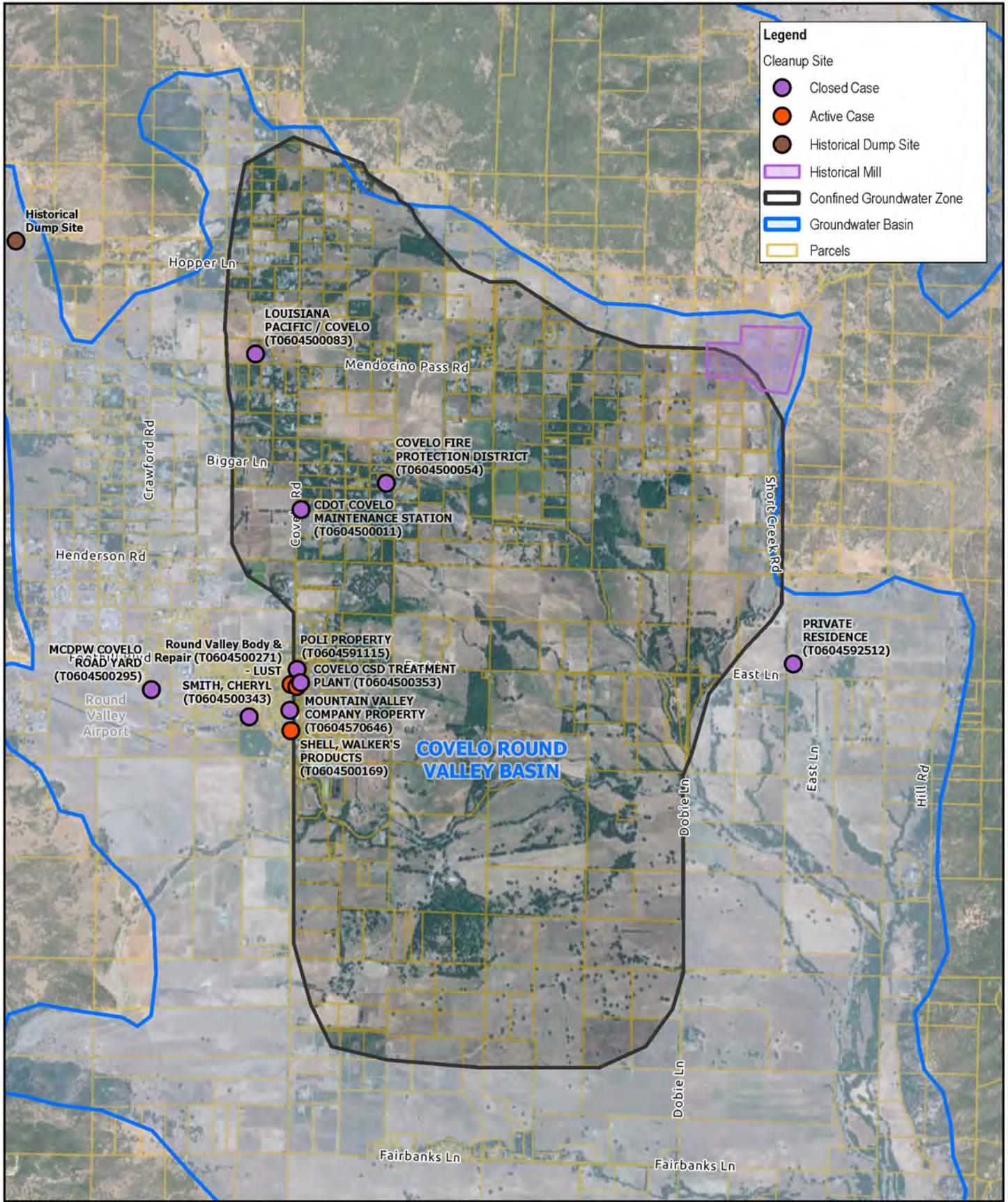
Project No. 12627517
Revision No.
Date Feb 2024

**CASGEM Well Locations
And Hydrographs**

APPENDIX B-4

Appendix C

Known Environmental Cleanup Sites



Round Valley County Water District
Groundwater Monitoring

Project No. 12627517
Revision No.
Date Feb 2024

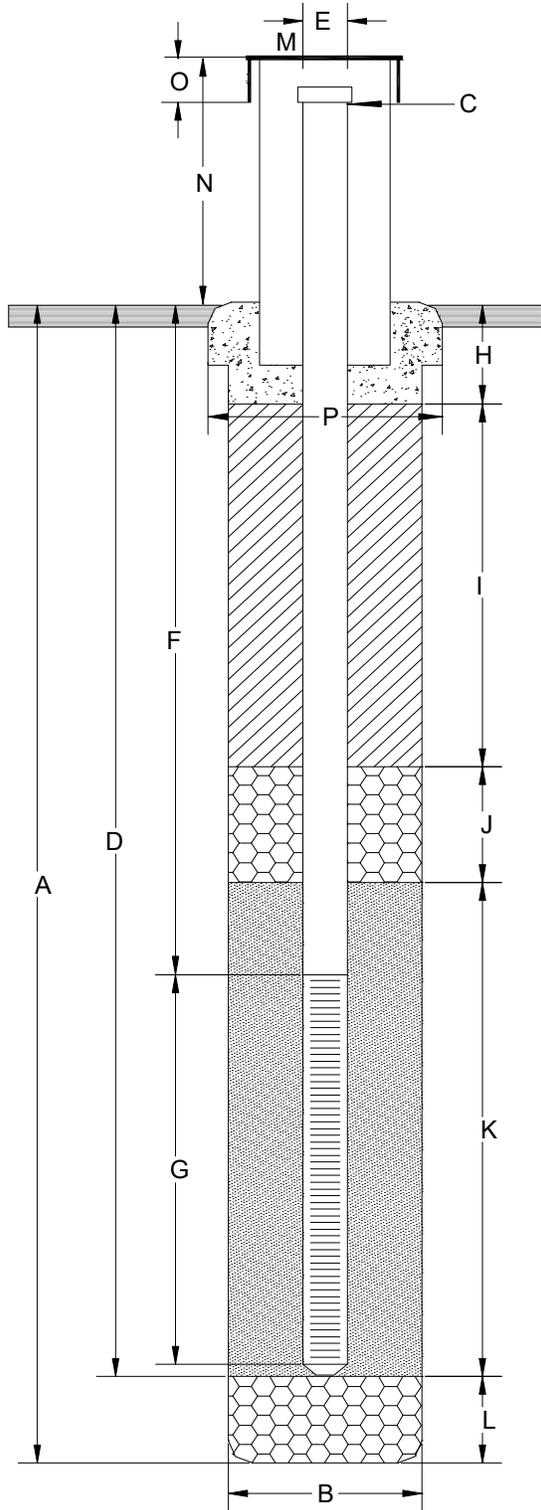
Known Environmental
Cleanup Sites

APPENDIX C

Appendix D

Preliminary Monitoring Well Construction Details

TYPICAL MONITORING WELL DESIGN



- A Total Depth of Boring 100 (typical) ft.
- B Diameter of Boring 6 in.
Drilling Method Hollow Stem Auger
- C Top of Casing Elev. 2 (typical) ft.
 Referenced to Mean Sea Level
 Referenced to Project-Datum
- D Casing Length 100 (maximum) ft.
Material Schedule 40 PVC
- E Casing Diameter 2 in.
- F Depth to Top Perforations 80 ft.
- G Perforated Length 20 (typical) ft.
Perforated interval from 80 to 100 ft.
Perforation Size 0.02 in.
- H Surface Seal from 0 to 40 ft.
Seal Material concrete with 5% bentonite
- I Backfill from N/A to N/A ft.
Seal Material _____
- J Seal from 40 to 42 ft.
Seal Material hydrated bentonite
- K Sand Pack from 42 to 100 ft.
Pack Material #2/12 or equiv. Lonestar clean sand
- L Bottom Seal N/A ft.
Seal Material N/A
- M Steel pipe with water-resistant locking lid/cap and expandable well plug
- N Height of monument above grade N/A ft.
- O Depth to top of casing from upper edge of monument N/A ft.
- P Width of concrete approx. 2 ft.
thickness of concrete approx. 4 in.

Note: Depth measured from initial ground surface.



GHD Inc. 2235 Mercury Way, Suite
150, Santa Rosa CA 95407 USA
T 1 707 523 1010
W www.ghd.com

Proposed Monitoring Well Construction Details

Round Valley County Water District
Well Siting Study

JOB NUMBER
12627517

REVIEWED BY
RC

DATE
Feb-24

REVISED DATE

REVISED DATE



Appendix B

Monitoring Well Water Quality Testing Results



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

21 July 2025

Round Valley County Water District (RVCWD)

Attn: Round Valley County Water District (RVCWD)

BOX 535

Covelo, CA 95428

RE: Water Quality

Work Order: 25F4141

Enclosed are the results of analyses for samples received by the laboratory on 06/26/25 10:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen F. McWeeney

Project Manager



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 980 Park Center Drive Suite C | Vista, CA 92081 | 760-536-3352 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RVCWD - 17	25F4141-01	Water	06/25/25 11:45	06/26/25 10:10
RVCWD - 18	25F4141-02	Water	06/25/25 13:40	06/26/25 10:10
RVCWD - 21	25F4141-03	Water	06/25/25 17:55	06/26/25 10:10
RVCWD - 28	25F4141-04	Water	06/25/25 15:35	06/26/25 10:10
RVCWD - 17	25F4141-05	Water	06/25/25 11:45	06/26/25 10:10
RVCWD - 18	25F4141-06	Water	06/25/25 13:40	06/26/25 10:10



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-01)			Sample Type: Water			Sampled: 06/25/25 11:45				
Metals by EPA 200 Series Methods										
Chromium, hexavalent	ND	ug/L	0.100	1	AF55029	06/27/25 21:08	06/27/25 21:08	1551	EPA 218.7	
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Arsenic	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Barium	0.27	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Beryllium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Cadmium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Chromium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Cobalt	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Copper	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Lead	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Manganese	0.22	mg/L	0.040	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Mercury	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Molybdenum	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Nickel	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Selenium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Thallium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Vanadium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Zinc	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:38	2303	EPA 6020B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-01)			Sample Type: Water			Sampled: 06/25/25 11:45				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
Tetrahydrofuran	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,1-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-01)			Sample Type: Water			Sampled: 06/25/25 11:45				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>	98.4 %		70-130		AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
<i>Surrogate: Toluene-d8</i>	101 %		70-130		AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>	128 %		70-130		AG53298	07/02/25 13:19	07/02/25 21:28	2303	EPA 8260B	
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Nonafluoro-3,6-dioxaheptanoic acid	ND	ng/l	3.3	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley County Water District
 Project: Water Quality
 Project Number: [none]

Reported:
 07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-01)			Sample Type: Water			Sampled: 06/25/25 11:45				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
9-Chlorohexadecafluoro-3-Oxanonone-1 Sulfonic Acid	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C4-PFBA	71.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C5-PFPeA	64.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C3-PFBS	90.7 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C2-4:2FTS	85.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C5-PFHxA	75.4 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	75.4 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C4-PFHpA	68.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C3-PFHxS	90.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	93.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C9-PFNA	67.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C8-PFOS	79.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C2-8:2FTS	55.1 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C6-PFDA	58.4 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C7-PFUnA	57.5 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C2-PFDoA	61.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	
Surrogate: 13C8-PFOA	62.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:35	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley County Water District
 Project: Water Quality
 Project Number: [none]

Reported:
 07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-01)			Sample Type: Water			Sampled: 06/25/25 11:45				
Semivolatile Organic Compounds by EPA Method 8270C										
Acenaphthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Acenaphthylene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Aniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Benzo (a) anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Benzo (a) pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Benzo (b) fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Benzo (g,h,i) perylene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Benzo (k) fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Benzyl alcohol	ND	ug/L	20	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Benzidine	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Bis(2-chloroethyl)ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
4-Bromophenyl phenyl ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Butyl benzyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
4-Chloro-3-methylphenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
4-Chloroaniline	ND	ug/L	20	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2-Chloronaphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2-Chlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Chrysene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Di-n-butyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Di-n-octyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Dibenz (a,h) anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Dibenzofuran	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
1,2-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
3,3'-Dichlorobenzidine	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2,4-Dichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Diethyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Dimethyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2,6-Dinitrotoluene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
1,2-Diphenylhydrazine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-01)			Sample Type: Water			Sampled: 06/25/25 11:45				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
Fluorene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Hexachlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Hexachlorobutadiene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Hexachlorocyclopentadiene	ND	ug/L	15	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Hexachloroethane	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Indeno (1,2,3-cd) pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Isophorone	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2-Methylphenol (o-cresol)	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
3 & 4-Methylphenol (m & p-cresol)	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
N-Nitrosodiethylamine	ND	ug/L	0.33	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
N-Nitrosodiphenylamine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Naphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
3-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Nitrobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
4-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2-Nitrophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
4-Nitrophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Pentachlorophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Phenanthrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Phenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
1,2,4-Trichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Pyridine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2,4,5-Trichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303*	EPA 8270C	
Pentachlorobenzene	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
2,6-Dichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	55.2 %		30-120		AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Surrogate: 2-Fluorophenol	51.5 %		10-120		AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Surrogate: Nitrobenzene-d5	134 %		15-150		AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Surrogate: p-Terphenyl-d14	98.2 %		35-150		AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Surrogate: Phenol-d6	28.4 %		10-120		AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	89.0 %		10-165		AF54957	06/26/25 16:30	06/27/25 00:57	2303	EPA 8270C	
RVCWD - 18 (25F4141-02)			Sample Type: Water			Sampled: 06/25/25 13:40				
Metals by EPA 200 Series Methods										
Chromium, hexavalent	ND	ug/L	0.100	1	AF55029	06/27/25 21:32	06/27/25 21:32	1551	EPA 218.7	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 18 (25F4141-02)			Sample Type: Water			Sampled: 06/25/25 13:40				
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Arsenic	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Barium	0.25	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Beryllium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Cadmium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Chromium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Cobalt	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Copper	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Lead	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Manganese	0.49	mg/L	0.040	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Mercury	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Molybdenum	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Nickel	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Selenium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Thallium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Vanadium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Zinc	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:45	2303	EPA 6020B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Tetrahydrofuran	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 18 (25F4141-02)			Sample Type: Water			Sampled: 06/25/25 13:40				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,1-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 18 (25F4141-02)			Sample Type: Water			Sampled: 06/25/25 13:40				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Surrogate: Dibromofluoromethane	97.8 %		70-130		AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Surrogate: Toluene-d8	101 %		70-130		AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Surrogate: Bromofluorobenzene	91.2 %		70-130		AG53298	07/02/25 13:19	07/02/25 21:52	2303	EPA 8260B	
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.6	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	3.9	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	3.8	ng/l	2.3	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.0	ng/l	2.4	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.7	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Nonafluoro-3,6-dioxaheptanoic acid	4.1	ng/l	3.3	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	4.0	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	3.7	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	4.1	ng/l	2.9	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.8	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	3.8	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	3.9	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	3.9	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	5.0	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	QL-06
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 18 (25F4141-02)			Sample Type: Water			Sampled: 06/25/25 13:40				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C4-PFBA	73.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C5-PFPeA	63.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C3-PFBS	80.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C2-4:2FTS	68.2 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C5-PFHxA	79.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	76.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C4-PFHpA	66.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C3-PFHxS	70.4 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	70.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C9-PFNA	77.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C8-PFOS	77.7 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C2-8:2FTS	50.5 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C6-PFDA	72.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C7-PFUnA	76.4 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C2-PFDoA	81.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Surrogate: 13C8-PFOA	50.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 15:54	2303	EPA 533	
Semivolatile Organic Compounds by EPA Method 8270C										
Acenaphthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Acenaphthylene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Aniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Benzo (a) anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Benzo (a) pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Benzo (b) fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Benzo (g,h,i) perylene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Benzo (k) fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Benzyl alcohol	ND	ug/L	20	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Benzidine	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Bis(2-chloroethyl)ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
4-Bromophenyl phenyl ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Butyl benzyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley County Water District
 Project: Water Quality
 Project Number: [none]

Reported:
 07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 18 (25F4141-02)			Sample Type: Water			Sampled: 06/25/25 13:40				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
4-Chloro-3-methylphenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
4-Chloroaniline	ND	ug/L	20	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2-Chloronaphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2-Chlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Chrysene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Di-n-butyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Di-n-octyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Dibenz (a,h) anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Dibenzofuran	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
1,2-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
3,3'-Dichlorobenzidine	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2,4-Dichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Diethyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Dimethyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2,6-Dinitrotoluene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
1,2-Diphenylhydrazine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Fluorene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Hexachlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Hexachlorobutadiene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Hexachlorocyclopentadiene	ND	ug/L	15	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Hexachloroethane	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Indeno (1,2,3-cd) pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Isophorone	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2-Methylphenol (o-cresol)	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
3 & 4-Methylphenol (m & p-cresol)	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
N-Nitrosodiethylamine	ND	ug/L	0.33	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
N-Nitrosodiphenylamine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Naphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
3-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 18 (25F4141-02)			Sample Type: Water			Sampled: 06/25/25 13:40				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
Nitrobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
4-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2-Nitrophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
4-Nitrophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Pentachlorophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Phenanthrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Phenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
1,2,4-Trichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Pyridine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2,4,5-Trichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303*	EPA 8270C	
Pentachlorobenzene	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
2,6-Dichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	58.9 %		30-120		AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Surrogate: 2-Fluorophenol	38.7 %		10-120		AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Surrogate: Nitrobenzene-d5	105 %		15-150		AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Surrogate: p-Terphenyl-d14	99.2 %		35-150		AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Surrogate: Phenol-d6	20.9 %		10-120		AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	93.5 %		10-165		AF54957	06/26/25 16:30	06/27/25 01:40	2303	EPA 8270C	
RVCWD - 21 (25F4141-03)			Sample Type: Water			Sampled: 06/25/25 17:55				
Metals by EPA 200 Series Methods										
Chromium, hexavalent	0.541	ug/L	0.100	1	AF55029	06/27/25 21:55	06/27/25 21:55	1551	EPA 218.7	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 21 (25F4141-03)			Sample Type: Water			Sampled: 06/25/25 17:55				
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Arsenic	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Barium	0.065	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Beryllium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Cadmium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Chromium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Cobalt	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Copper	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Lead	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Manganese	ND	mg/L	0.040	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Mercury	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Molybdenum	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Nickel	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Selenium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Thallium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Vanadium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Zinc	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:51	2303	EPA 6020B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Tetrahydrofuran	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley County Water District
 Project: Water Quality
 Project Number: [none]

Reported:
 07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 21 (25F4141-03)			Sample Type: Water			Sampled: 06/25/25 17:55				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,1-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 21 (25F4141-03)			Sample Type: Water			Sampled: 06/25/25 17:55				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Surrogate: Dibromofluoromethane	98.9 %		70-130		AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Surrogate: Toluene-d8	101 %		70-130		AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Surrogate: Bromofluorobenzene	93.2 %		70-130		AG53298	07/02/25 13:19	07/02/25 22:16	2303	EPA 8260B	
Semivolatile Organic Compounds by EPA Method 8270C										
Acenaphthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Acenaphthylene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Aniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Benzo (a) anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Benzo (a) pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Benzo (b) fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Benzo (g,h,i) perylene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Benzo (k) fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Benzyl alcohol	ND	ug/L	20	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Benzidine	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Bis(2-chloroethyl)ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
4-Bromophenyl phenyl ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Butyl benzyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
4-Chloro-3-methylphenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
4-Chloroaniline	ND	ug/L	20	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2-Chloronaphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2-Chlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Chrysene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Di-n-butyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Di-n-octyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Dibenz (a,h) anthracene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Dibenzofuran	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
1,2-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley County Water District
 Project: Water Quality
 Project Number: [none]

Reported:
 07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 21 (25F4141-03)			Sample Type: Water			Sampled: 06/25/25 17:55				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
1,4-Dichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
3,3'-Dichlorobenzidine	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2,4-Dichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Diethyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Dimethyl phthalate	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2,6-Dinitrotoluene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
1,2-Diphenylhydrazine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Fluoranthene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Fluorene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Hexachlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Hexachlorobutadiene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Hexachlorocyclopentadiene	ND	ug/L	15	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Hexachloroethane	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Indeno (1,2,3-cd) pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Isophorone	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2-Methylphenol (o-cresol)	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
3 & 4-Methylphenol (m & p-cresol)	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
N-Nitrosodiethylamine	ND	ug/L	0.33	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
N-Nitrosodiphenylamine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Naphthalene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
3-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Nitrobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
4-Nitroaniline	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2-Nitrophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
4-Nitrophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Pentachlorophenol	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Phenanthrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Phenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Pyrene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
1,2,4-Trichlorobenzene	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
Pyridine	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2,4,5-Trichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303*	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 21 (25F4141-03)			Sample Type: Water			Sampled: 06/25/25 17:55				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
Pentachlorobenzene	ND	ug/L	50	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
2,6-Dichlorophenol	ND	ug/L	10	1	AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	56.2	%	30-120		AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Surrogate: 2-Fluorophenol	40.6	%	10-120		AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Surrogate: Nitrobenzene-d5	110	%	15-150		AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Surrogate: p-Terphenyl-d14	98.2	%	35-150		AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Surrogate: Phenol-d6	22.3	%	10-120		AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	80.6	%	10-165		AF54957	06/26/25 16:30	06/27/25 02:24	2303	EPA 8270C	
RVCWD - 28 (25F4141-04)			Sample Type: Water			Sampled: 06/25/25 15:35				
Metals by EPA 200 Series Methods										
Chromium, hexavalent	ND	ug/L	0.100	1	AF55029	06/27/25 22:19	06/27/25 22:19	1551	EPA 218.7	
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Arsenic	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Barium	0.11	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Beryllium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Cadmium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Chromium	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Cobalt	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Copper	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Lead	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Manganese	0.13	mg/L	0.040	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Mercury	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Molybdenum	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Nickel	ND	mg/L	0.030	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Selenium	ND	mg/L	0.020	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Thallium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Vanadium	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	
Zinc	ND	mg/L	0.050	1	AF55038	06/27/25 11:56	07/02/25 19:58	2303	EPA 6020B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 28 (25F4141-04)			Sample Type: Water			Sampled: 06/25/25 15:35				
TPH by EPA GC Methods										
TPH as Diesel	ND	ug/L	100	1	AF55027	06/27/25 10:47	06/30/25 13:14	2303	EPA 8015B	
TPH as Gasoline	ND	ug/L	100	1	AF54941	07/03/25 11:35	07/09/25 21:47	2303	EPA 8015B	
TPH as Motor Oil	ND	ug/L	100	1	AF55027	06/27/25 10:47	06/30/25 13:14	2303*	EPA 8015B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Tetrahydrofuran	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,1-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 28 (25F4141-04)			Sample Type: Water			Sampled: 06/25/25 15:35				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Surrogate: Dibromofluoromethane	100 %		70-130		AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Surrogate: Toluene-d8	101 %		70-130		AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
Surrogate: Bromofluorobenzene	92.2 %		70-130		AG53298	07/02/25 13:19	07/02/25 22:41	2303	EPA 8260B	
RVCWD - 17 (25F4141-05)			Sample Type: Water			Sampled: 06/25/25 11:45				
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-05)			Sample Type: Water			Sampled: 06/25/25 11:45				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Nonafluoro-3,6-dioxahheptanoic acid	ND	ng/l	3.3	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C4-PFBA	67.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C5-PFPeA	64.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C3-PFBS	64.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C2-4:2FTS	58.4 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C5-PFHxA	66.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	67.1 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C4-PFHpA	54.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C3-PFHxS	62.2 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 17 (25F4141-05)			Sample Type: Water			Sampled: 06/25/25 11:45				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Surrogate: 13C2-6:2 FTS	63.1 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C9-PFNA	96.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C8-PFOS	77.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C2-8:2FTS	54.2 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C6-PFDA	81.1 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C7-PFUnA	82.5 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C2-PFDoA	85.5 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
Surrogate: 13C8-PFOA	50.7 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:13	2303	EPA 533	
RVCWD - 18 (25F4141-06)			Sample Type: Water			Sampled: 06/25/25 13:40				
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Nonafluoro-3,6-dioxahheptanoic acid	ND	ng/l	3.3	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD - 18 (25F4141-06)			Sample Type: Water			Sampled: 06/25/25 13:40				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C4-PFBA	88.4 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C5-PFPeA	82.2 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C3-PFBS	64.7 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C2-4:2FTS	61.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C5-PFHxA	83.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	88.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C4-PFHpA	72.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C3-PFHxS	65.9 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	86.7 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C9-PFNA	104 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C8-PFOS	85.3 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C2-8:2FTS	69.2 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C6-PFDA	87.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C7-PFUnA	89.6 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C2-PFDoA	91.8 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	
Surrogate: 13C8-PFOA	55.0 %		50-200		AG54009	07/14/25 07:36	07/15/25 16:32	2303	EPA 533	



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
07/21/25 15:09

Notes and Definitions

- QL-04 The LCS/LCSD RPD for this analyte was outside of established control limits. Batch accepted based on acceptable recovery for both LCS/LCSD.
- QL-06 Spike recovery for this analyte was outside of control limits. All calibration checks were acceptable and method blank was below reporting limit.
- QM-01 The spike recovery for this QC sample is outside of established control limits possibly due to a sample matrix interference.
- S-04 The surrogate recovery for this sample is outside of established control limits possibly due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2506J13

Report Created for: Alpha Analytical Laboratories

262 Rickenbacker Circle
Livermore, CA 94551

Project Contact: Stephen McWeeney

Project P.O.:

Project: 25F4141

Project Location:

Project Received: 06/27/2025

Analytical Report reviewed & approved for release on 07/21/2025 by:

Yen Cao

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: Alpha Analytical Laboratories

WorkOrder: 2506J13

Project: 25F4141

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Alpha Analytical Laboratories

WorkOrder: 2506J13

Project: 25F4141

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Alpha Analytical Laboratories
Date Received: 06/27/2025 9:45
Project: 25F4141

WorkOrder: 2506J13
Extraction Method: E1613B
Analytical Method: E1613B
Unit: pg/L

Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans

Client ID	Lab ID	Matrix	Date Collected
RVCWD- 21	2506J13-001A	Water	06/25/2025 17:55

Analytes	TEF	Result	MDL	ML	DF	Ion Ratio	RRT	TEQ	Date Analyzed
	WHO '05								
2,3,7,8-TCDD		ND	2.10	10.0	1				07/11/2025 13:17
1,2,3,7,8-PeCDD		ND	5.63	50.0	1				07/11/2025 13:17
1,2,3,4,7,8-HxCDD		ND	5.92	50.0	1				07/11/2025 13:17
1,2,3,6,7,8-HxCDD		ND	5.53	50.0	1				07/11/2025 13:17
1,2,3,7,8,9-HxCDD		ND	6.68	50.0	1				07/11/2025 13:17
1,2,3,4,6,7,8-HpCDD		ND	6.39	50.0	1				07/11/2025 13:17
OCDD		ND	18.1	100	1				07/11/2025 13:17
2,3,7,8-TCDF		ND	1.24	10.0	1				07/11/2025 13:17
1,2,3,7,8-PeCDF		ND	5.15	50.0	1				07/11/2025 13:17
2,3,4,7,8-PeCDF		ND	5.06	50.0	1				07/11/2025 13:17
1,2,3,4,7,8-HxCDF		ND	5.63	50.0	1				07/11/2025 13:17
1,2,3,6,7,8-HxCDF		ND	4.96	50.0	1				07/11/2025 13:17
1,2,3,7,8,9-HxCDF		ND	5.44	50.0	1				07/11/2025 13:17
2,3,4,6,7,8-HxCDF		ND	4.58	50.0	1				07/11/2025 13:17
1,2,3,4,6,7,8-HpCDF		ND	5.34	50.0	1				07/11/2025 13:17
1,2,3,4,7,8,9-HpCDF		ND	7.16	50.0	1				07/11/2025 13:17
OCDF		ND	17.2	100	1				07/11/2025 13:17
Total-Tetradoxins		ND	2.10	10.0	1				07/11/2025 13:17
Total-Pentadoxins		ND	5.63	50.0	1				07/11/2025 13:17
Total-Hexadoxins		ND	6.68	50.0	1				07/11/2025 13:17
Total-Heptadoxins		ND	6.39	50.0	1				07/11/2025 13:17
Total-Tetrafurans		ND	1.24	10.0	1				07/11/2025 13:17
Total-Pentafurans		ND	5.15	50.0	1				07/11/2025 13:17
Total-Hexafurans		ND	5.63	50.0	1				07/11/2025 13:17
Total-Heptafurans		ND	7.16	50.0	1				07/11/2025 13:17
Total PCDD+PCDF		ND	NA	100	1				07/11/2025 13:17

Total Toxicity Equivalence (TEQ):

0

Cleanup Standard	REC (%)	Limits	DF	Date Analyzed
37Cl-2,3,7,8-TCDD	91	35-197	1	07/11/2025 13:17
Labeled Compound Recovery	REC (%)	Limits		
13C-2,3,7,8-TCDD	80	25-164		07/11/2025 13:17
13C-1,2,3,7,8-PeCDD	70	25-181		07/11/2025 13:17
13C-1,2,3,4,7,8-HxCDD	116	32-141		07/11/2025 13:17
13C-1,2,3,6,7,8-HxCDD	78	28-130		07/11/2025 13:17
13C-1,2,3,4,6,7,8-HpCDD	122	23-140		07/11/2025 13:17

(Cont.)



Analytical Report

Client: Alpha Analytical Laboratories

Date Received: 06/27/2025 9:45

Project: 25F4141

WorkOrder: 2506J13

Extraction Method: E1613B

Analytical Method: E1613B

Unit: pg/L

Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans

Client ID	Lab ID	Matrix	Date Collected
RVCWD- 21	2506J13-001A	Water	06/25/2025 17:55

Analytes	TEF WHO '05	Result	MDL	ML	DF	Ion Ratio	RRT	TEQ	Date Analyzed
<u>Labeled Compound Recovery</u>		<u>REC (%)</u>		<u>Limits</u>					
13C-OCDD		130		17-157					07/11/2025 13:17
13C-2,3,7,8-TCDF		76		24-169					07/11/2025 13:17
13C-1,2,3,7,8-PeCDF		74		24-185					07/11/2025 13:17
13C-2,3,4,7,8-PeCDF		72		21-178					07/11/2025 13:17
13C-1,2,3,4,7,8-HxCDF		130		26-152					07/11/2025 13:17
13C-1,2,3,6,7,8-HxCDF		72		26-123					07/11/2025 13:17
13C-2,3,4,6,7,8-HxCDF		88		28-136					07/11/2025 13:17
13C-1,2,3,7,8,9-HxCDF		102		29-147					07/11/2025 13:17
13C-1,2,3,4,6,7,8-HpCDF		108		28-143					07/11/2025 13:17
13C-1,2,3,4,7,8,9-HpCDF		104		26-138					07/11/2025 13:17

Date Analyzed	InstrumentID	FileID	Analyst	Comments	BatchID	Date Prepared
07/11/2025 13:17	GC36	7112505	DVU	-	320477	07/01/2025 07:17

CLIENT: Alpha Analytical Laboratories
 Work Order: 2506J13
 Project: 25F4141

ANALYTICAL QC SUMMARY REPORT

BatchID: 320477

SampleID: MB-320477	TestCode: 1613_FULL_W	Units: pg/L	Prep Date: 7/1/2025
Batch ID: 320477	TestNo: E1613B	Run ID: GC36_250711A	Analysis Date: 7/10/2025

Analyte	Result	MDL	ML	SPKValue	SPKRefVal	%REC	Limits	RPDRefVal	%RPD	RPDLimit	Qual
2,3,7,8-TCDD	ND	2.20	10.0				-				
1,2,3,7,8-PeCDD	ND	5.90	50.0				-				
1,2,3,4,7,8-HxCDD	ND	6.20	50.0				-				
1,2,3,6,7,8-HxCDD	ND	5.80	50.0				-				
1,2,3,7,8,9-HxCDD	ND	7.00	50.0				-				
1,2,3,4,6,7,8-HpCDD	ND	6.70	50.0				-				
OCDD	ND	19.0	100				-				
2,3,7,8-TCDF	ND	1.30	10.0				-				
1,2,3,7,8-PeCDF	ND	5.40	50.0				-				
2,3,4,7,8-PeCDF	ND	5.30	50.0				-				
1,2,3,4,7,8-HxCDF	ND	5.90	50.0				-				
1,2,3,6,7,8-HxCDF	ND	5.20	50.0				-				
1,2,3,7,8,9-HxCDF	ND	5.70	50.0				-				
2,3,4,6,7,8-HxCDF	ND	4.80	50.0				-				
1,2,3,4,6,7,8-HpCDF	ND	5.60	50.0				-				
1,2,3,4,7,8,9-HpCDF	ND	7.50	50.0				-				
OCDF	ND	18.0	100				-				
Total-Tetradoxins	ND	2.20	10.0				-				
Total-Pentadoxins	ND	5.90	50.0				-				
Total-Hexadoxins	ND	7.00	50.0				-				
Total-Heptadoxins	ND	6.70	50.0				-				
Total-Tetrafurans	ND	1.30	10.0				-				
Total-Pentafurans	ND	5.40	50.0				-				
Total-Hexafurans	ND	5.90	50.0				-				
Total-Heptafurans	ND	7.50	50.0				-				

Cleanup Standard

37Cl-2,3,7,8-TCDD	90.4			100		90	35 - 197				
-------------------	------	--	--	-----	--	----	----------	--	--	--	--

Labeled Compound Recovery

13C-2,3,7,8-TCDD	858			1000		86	25 - 164				
13C-1,2,3,7,8-PeCDD	737			1000		74	25 - 181				
13C-1,2,3,4,7,8-HxCDD	1210			1000		121	32 - 141				
13C-1,2,3,6,7,8-HxCDD	824			1000		82	28 - 130				
13C-1,2,3,4,6,7,8-HpCDD	1290			1000		129	23 - 140				
13C-OCDD	2940			2000		147	17 - 157				
13C-2,3,7,8-TCDF	817			1000		82	24 - 169				
13C-1,2,3,7,8-PeCDF	762			1000		76	24 - 185				
13C-2,3,4,7,8-PeCDF	734			1000		73	21 - 178				
13C-1,2,3,4,7,8-HxCDF	1260			1000		126	26 - 152				
13C-1,2,3,6,7,8-HxCDF	715			1000		71	26 - 123				
13C-2,3,4,6,7,8-HxCDF	873			1000		87	28 - 136				
13C-1,2,3,7,8,9-HxCDF	1020			1000		102	29 - 147				
13C-1,2,3,4,6,7,8-HpCDF	1120			1000		112	28 - 143				
13C-1,2,3,4,7,8,9-HpCDF	1120			1000		112	26 - 138				

CLIENT: Alpha Analytical Laboratories
 Work Order: 2506J13
 Project: 25F4141

ANALYTICAL QC SUMMARY REPORT

BatchID: 320477

SampleID: LCS-320477	TestCode: 1613_FULL_W	Units: pg/L	Prep Date: 7/1/2025
Batch ID: 320477	TestNo: E1613B	Run ID: GC36_250711A	Analysis Date: 7/10/2025

Analyte	Result	MDL	ML	SPKValue	SPKRefVal	%REC	Limits	RPDRefVal	%RPD	RPDLimit	Qual
2,3,7,8-TCDD	98.2	2.20	10.0	100	0	98	67 - 158				
1,2,3,7,8-PeCDD	517	5.90	50.0	500	0	103	70 - 142				
1,2,3,4,7,8-HxCDD	540	6.20	50.0	500	0	108	70 - 164				
1,2,3,6,7,8-HxCDD	500	5.80	50.0	500	0	100	76 - 134				
1,2,3,7,8,9-HxCDD	463	7.00	50.0	500	0	93	64 - 162				
1,2,3,4,6,7,8-HpCDD	554	6.70	50.0	500	0	111	70 - 140				
OCDD	1080	19.0	100	1000	0	109	78 - 144				
2,3,7,8-TCDF	98.8	1.30	10.0	100	0	99	75 - 158				
1,2,3,7,8-PeCDF	531	5.40	50.0	500	0	106	80 - 134				
2,3,4,7,8-PeCDF	546	5.30	50.0	500	0	109	68 - 160				
1,2,3,4,7,8-HxCDF	489	5.90	50.0	500	0	98	72 - 134				
1,2,3,6,7,8-HxCDF	516	5.20	50.0	500	0	103	84 - 130				
1,2,3,7,8,9-HxCDF	561	5.70	50.0	500	0	112	78 - 130				
2,3,4,6,7,8-HxCDF	531	4.80	50.0	500	0	106	70 - 156				
1,2,3,4,6,7,8-HpCDF	519	5.60	50.0	500	0	104	82 - 122				
1,2,3,4,7,8,9-HpCDF	552	7.50	50.0	500	0	110	78 - 138				
OCDF	746	18.0	100	1000	0	75	63 - 170				

Cleanup Standard

37Cl-2,3,7,8-TCDD	91.6			100		92	31 - 191				
-------------------	------	--	--	-----	--	----	----------	--	--	--	--

Labeled Compound Recovery

13C-2,3,7,8-TCDD	833			1000		83	20 - 175				
13C-1,2,3,7,8-PeCDD	751			1000		75	21 - 227				
13C-1,2,3,4,7,8-HxCDD	1130			1000		113	21 - 193				
13C-1,2,3,6,7,8-HxCDD	779			1000		78	25 - 163				
13C-1,2,3,4,6,7,8-HpCDD	1160			1000		116	26 - 166				
13C-OCDD	2770			2000		139	13 - 199				
13C-2,3,7,8-TCDF	805			1000		80	22 - 152				
13C-1,2,3,7,8-PeCDF	754			1000		75	21 - 192				
13C-2,3,4,7,8-PeCDF	741			1000		74	13 - 328				
13C-1,2,3,4,7,8-HxCDF	1230			1000		123	19 - 202				
13C-1,2,3,6,7,8-HxCDF	716			1000		72	21 - 159				
13C-2,3,4,6,7,8-HxCDF	846			1000		85	22 - 176				
13C-1,2,3,7,8,9-HxCDF	989			1000		99	17 - 205				
13C-1,2,3,4,6,7,8-HpCDF	1050			1000		105	21 - 158				
13C-1,2,3,4,7,8,9-HpCDF	1030			1000		103	20 - 186				

CLIENT: Alpha Analytical Laboratories
 Work Order: 2506J13
 Project: 25F4141

ANALYTICAL QC SUMMARY REPORT

BatchID: 320477

SampleID: LCSD-320477	TestCode: 1613_FULL_W	Units: pg/L	Prep Date: 7/1/2025								
Batch ID: 320477	TestNo: E1613B	Run ID: GC36_250711A	Analysis Date: 7/10/2025								
Analyte	Result	MDL	ML	SPKValue	SPKRefVal	%REC	Limits	RPDRefVal	%RPD	RPDLimit	Qual
2,3,7,8-TCDD	94.0	2.20	10.0	100	0	94	67 - 158	98.2	4.37	20	
1,2,3,7,8-PeCDD	540	5.90	50.0	500	0	108	70 - 142	516.6	4.39	20	
1,2,3,4,7,8-HxCDD	546	6.20	50.0	500	0	109	70 - 164	539.6	1.22	20	
1,2,3,6,7,8-HxCDD	511	5.80	50.0	500	0	102	76 - 134	499.6	2.33	20	
1,2,3,7,8,9-HxCDD	462	7.00	50.0	500	0	92	64 - 162	463.4	0.259	20	
1,2,3,4,6,7,8-HpCDD	533	6.70	50.0	500	0	107	70 - 140	553.8	3.87	20	
OCDD	1070	19.0	100	1000	0	107	78 - 144	1085.2	1.13	20	
2,3,7,8-TCDF	104	1.30	10.0	100	0	104	75 - 158	98.8	4.94	20	
1,2,3,7,8-PeCDF	515	5.40	50.0	500	0	103	80 - 134	530.8	2.98	20	
2,3,4,7,8-PeCDF	537	5.30	50.0	500	0	107	68 - 160	546.4	1.70	20	
1,2,3,4,7,8-HxCDF	472	5.90	50.0	500	0	94	72 - 134	488.8	3.54	20	
1,2,3,6,7,8-HxCDF	556	5.20	50.0	500	0	111	84 - 130	515.6	7.47	20	
1,2,3,7,8,9-HxCDF	543	5.70	50.0	500	0	109	78 - 130	561.4	3.37	20	
2,3,4,6,7,8-HxCDF	534	4.80	50.0	500	0	107	70 - 156	531.4	0.526	20	
1,2,3,4,6,7,8-HpCDF	510	5.60	50.0	500	0	102	82 - 122	519	1.79	20	
1,2,3,4,7,8,9-HpCDF	536	7.50	50.0	500	0	107	78 - 138	551.6	2.83	20	
OCDF	811	18.0	100	1000	0	81	63 - 170	745.8	8.38	20	

Cleanup Standard

37Cl-2,3,7,8-TCDD	92.4			100		92	31 - 191				
-------------------	------	--	--	-----	--	----	----------	--	--	--	--

Labeled Compound Recovery

13C-2,3,7,8-TCDD	856			1000		86	20 - 175				
13C-1,2,3,7,8-PeCDD	749			1000		75	21 - 227				
13C-1,2,3,4,7,8-HxCDD	1160			1000		116	21 - 193				
13C-1,2,3,6,7,8-HxCDD	786			1000		79	25 - 163				
13C-1,2,3,4,6,7,8-HpCDD	1200			1000		120	26 - 166				
13C-OCDD	2840			2000		142	13 - 199				
13C-2,3,7,8-TCDF	805			1000		80	22 - 152				
13C-1,2,3,7,8-PeCDF	777			1000		78	21 - 192				
13C-2,3,4,7,8-PeCDF	759			1000		76	13 - 328				
13C-1,2,3,4,7,8-HxCDF	1320			1000		132	19 - 202				
13C-1,2,3,6,7,8-HxCDF	702			1000		70	21 - 159				
13C-2,3,4,6,7,8-HxCDF	891			1000		89	22 - 176				
13C-1,2,3,7,8,9-HxCDF	1040			1000		104	17 - 205				
13C-1,2,3,4,6,7,8-HpCDF	1100			1000		110	21 - 158				
13C-1,2,3,4,7,8,9-HpCDF	1120			1000		112	20 - 186				



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2506J13

ClientCode: ALPU

QuoteID: 252804

WaterTrax

CLIP

EDF

EQulS

Dry-Weight

Email

HardCopy

ThirdParty

J-flag

Detection Summary

Excel [A1_Alpha]

Report to:

Stephen McWeeney
Alpha Analytical Laboratories
262 Rickenbacker Circle
Livermore, CA 94551
707-769-3128 FAX: (707) 468-5267

Email: stephen@alpha-labs.com; sspeaks@alpha-
cc/3rd Party:
PO:
Project: 25F4141

Bill to:

Accounts Payable
Alpha Analytical Laboratories
262 Rickenbacker Circle
Livermore, CA 94551

Requested TAT: 15 days;

Date Received: **06/27/2025**

Date Logged: **06/27/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2506J13-001	RVCWD- 21	Water	6/25/2025 17:55	<input type="checkbox"/>	A	A											

Test Legend:

1	1613_FULL_W
5	
9	

2	PRDisposal Fee
6	
10	

3	
7	
11	

4	
8	
12	

Project Manager: Tracy Babjar

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: ALPHA ANALYTICAL LABORATORIES

Project: 25F4141

Work Order: 2506J13

Client Contact: Stephen McWeeney

QC Level: LEVEL 2

Contact's Email: stephen@alpha-labs.com; sspeaks@alpha-labs.com;
robbie@alpha-labs.com; lquinn@alpha-labs.com

Comments

Date Logged: 6/27/2025

WaterTrax CLIP EDF Excel EQulS Email HardCopy ThirdParty J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	RVCWD- 21	Water	E1613B (PCDDs & PCDFs)	2	1LA Narrow Mouth, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/25/2025 17:55	15 days	7/21/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

SUBCONTRACT ORDER

Alpha Analytical Laboratories, Inc.

25F4141

25060513

SENDING LABORATORY:

Alpha Analytical Laboratories, Inc.
208 Mason St.
Ukiah, CA 95482
Phone: (707)468-0401
Fax: (707)468-5267
Project Manager: Stephen F. McWeeney

RECEIVING LABORATORY:

McC Campbell Analytical/Alpha Quote 232557
1534 Willow Pass Rd.
Pittsburg, CA 94565
Phone : (925) 252-9262
Fax: (925) 252-9269
Terms: Net 30

Analysis	Due	Expires	Comments/PS Code
25F4141-03 RVCWD - 21 [Water] Sampled 06/25/25 17:55			

Dioxins Full List 1613 07/11/25 15:00 06/25/26 17:55

Containers Supplied:

1L Amber- Unpres. (I) 1L Amber- Unpres. (J)

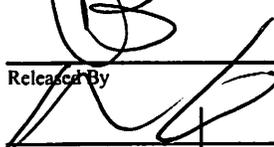
Report to State

System Name: _____ Employed by: _____

User ID: _____ Sampler: _____

System Number: _____

**Please Email Report to:
sspeaks@alpha-labs.com**

	Date		Date
6-27-25 0945		6-27-25 0810	
	Date		Date
6-27-25 0945		6-27-25 0945	
			
Released By	Date	Received By	Date
Released By	Date	Received By	Date
Released By	Date	Received By	Date
Released By	Date	Received By	Date



Sample Receipt Checklist

Client Name: Alpha Analytical Laboratories
Project: 25F4141

Date and Time Received: 6/27/2025 09:45

Date Logged: 6/27/2025

Received by: Lilly Ortiz

Logged by: Lilly Ortiz

WorkOrder No: 2506J13 Matrix: Water
Carrier: Bernie Cummins (MAI Courier)

Chain of Custody (COC) Information

- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Sample IDs noted by Client on COC? Yes No
- Date and Time of collection noted by Client on COC? Yes No
- Sampler's name noted on COC? Yes No
- COC agrees with Quote? Yes No NA

Sample Receipt Information

- Custody seals intact on shipping container/cooler? Yes No NA
- Custody seals intact on sample bottles? Yes No NA
- Shipping container/cooler in good condition? Yes No
- Samples in proper containers/bottles? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No NA
- Samples Received on Ice? Yes No

(Ice Type: WET ICE)

- Sample/Temp Blank temperature Temp: 2.2°C NA
- ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)? Yes No NA
- Sample labels checked for correct preservation? Yes No
- pH acceptable upon receipt (Metal: <2)? Yes No NA

UCMR Samples:

- pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)? Yes No NA
- Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]? Yes No NA

Comments: Sample 2506J13-001A with method E1613B (PCDDs & PCDFs) was received unpreserved.

KOUND VALLEY COUNTY WATER DISTRICT (RVCWD)



Corporate Laboratory (1551)
208 Mason Street, Ukiah CA 95482
707.468.0401 (phone)
707.468.5267 (fax)
clientservices@alpha-labs.com

Bay Area Laboratory (2728)
262 Rickenbacker Circle, Livermore CA 94551

Central Valley Laboratory (2922)
9090 Union Park Way #113, Elk Grove CA 95624

North Bay Laboratory (2303)
737 South Point Blvd., Unit D, Petaluma CA 94952

San Diego Laboratory (3055)
2722 Loker Ave West, Ste A, Carlsbad CA 92010

Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 25F4/4/ Pg 1 of 1

Report to		Invoice to (if different)		Project Information		Analysis Request										TAT	TEMP °C																																							
Company or Client Name: RVCWD		Contact: CC RYAN CRAWFORD		Project ID:		<table border="1"> <tr> <td rowspan="4">Total Number of Containers per Sample ID</td> <td>8270</td> <td>8260</td> <td>CAM 17 METALS</td> <td>TPH-G</td> <td>TPH-D/ND</td> <td>DIOXINS/FURANS</td> <td>PFOS/PFAS</td> <td>MANGLANESE</td> <td>HEXAVALENT CHROME</td> <td>MERCURY</td> <td rowspan="4">New client</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </table>										Total Number of Containers per Sample ID	8270	8260	CAM 17 METALS	TPH-G	TPH-D/ND	DIOXINS/FURANS	PFOS/PFAS	MANGLANESE	HEXAVALENT CHROME	MERCURY	New client	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Standard 10 days <input checked="" type="radio"/>	Ukiah - R11
Total Number of Containers per Sample ID	8270	8260	CAM 17 METALS	TPH-G	TPH-D/ND												DIOXINS/FURANS	PFOS/PFAS	MANGLANESE	HEXAVALENT CHROME	MERCURY	New client																																		
	X	X	X	X	X												X	X	X	X																																				
	X	X	X	X	X												X	X	X	X																																				
	X	X	X	X	X	X	X	X	X																																															
Attn: IMIL FERRARA		Email address: ryan.crawford@rvcwd.com		Project No:		RUSH: 5 days <input type="radio"/>	Livermore																																																	
Address: PO Box 535 COVELD, CA 95428		Address:		PO Number:		48 hours <input type="radio"/>	Elk Grove																																																	
Phone/Fax: 707.397.0574		Phone/Fax:		PO Number:		Other: ____ days <input type="radio"/>	Petaluma 6.8																																																	
Email Address: RVCWDMANAGER@gmail.com						Preapproval required <input type="radio"/>	Carlsbad																																																	
Field Sampler - Printed Name & Signature: RYAN CRAWFORD Ryan Crawford		Container		Preservative		Matrix												Notes / DDW Source Codes																																						
Sample Identification		Sampling		40ml VOA Vial		Plastic		Glass		Sleeve		Other		HCl		HNO3		H2SO4		Other		None		Drinking Water		Wastewater		Soil		Other																										
(Example: Well Head, Kitchen Sink)		Date		Time																																																				
RVCWD-17		6/25/25		1145																										AM																										
RVCWD-18		6/25/25		140																										PM																										
RVCWD-21		6/24/25		555																										PM																										
RVCWD-28		6/24/25		335																										PM																										
Relinquished by Ryan Crawford		Received by [Signature]		Date 6/26/25		Time 1010		DDW Write On EDT Transmission? <input type="radio"/> Yes <input checked="" type="radio"/> No		State System Number: _____		If "Y" please enter the Source Number(s) in the column above		CA Geotracker EDF Report? <input type="radio"/> Yes <input checked="" type="radio"/> No		Global ID: _____		Sampling Company Log Code: _____		EDF to (Email Address): _____		Travel and Site Time: _____		Misc. Supplies: _____																																

WORK ORDER

25F4141

Alpha Analytical Laboratories North Bay to Ukiah Chain of Custody

Client: Round Valley County Water District (RVCWD)	Client Code: NBSM_RVCWD	Bid:
Project: Water Quality	Project Number: [none]	PO #: Invoice

Date Due: 07/11/25 15:00 (10 day TAT)
 Received By: Cade J Burkhammer Date Received: 06/26/25 10:10
 Logged In By: Cade J Burkhammer Date Logged: 06/26/25 11:01

Samples Received at: _____ deg C

Analysis	Department	Expires	Comments
25F4141-01 RVCWD - 17 [Water] Sampled 06/25/25 11:45			
Cr6 218.7 DW	Metals	07/09/25 23:59	
New Client Setup (One Time ONLY)	Administrators	06/25/26 11:45	
25F4141-02 RVCWD - 18 [Water] Sampled 06/25/25 13:40			
Cr6 218.7 DW	Metals	07/09/25 23:59	
25F4141-03 RVCWD - 21 [Water] Sampled 06/25/25 17:55			
Cr6 218.7 DW	Metals	07/09/25 23:59	
25F4141-04 RVCWD - 28 [Water] Sampled 06/25/25 17:55			
Cr6 218.7 DW	Metals	07/09/25 23:59	
25F4141-03 RVCWD - 21 [Water] Sampled 06/25/25 17:55			

Containers Supplied:
 250mL Poly - NH4OH/(NH4)2SO4 (H)
 250mL Poly - NH4OH/(NH4)2SO4 (H)
 250mL Poly - NH4OH/(NH4)2SO4 (H)
 250mL Poly - NH4OH/(NH4)2SO4 (H)

4.0

[Signature] 6/26/25
 Relinquished By Date

[Signature] 2 6/26/25
 Received By Date Tim

[Signature] 2 6/26/25
 Relinquished By Date

[Signature] 1500 6/26/25
 Received By Date Tim



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

28 August 2025

Round Valley CWD

Attn: Round Valley CWD

BOX 535

Covelo, CA 95428

RE: Water Quality

Work Order: 25H3283

Enclosed are the results of analyses for samples received by the laboratory on 08/20/25 10:29. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen F. McWeeney

Project Manager



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 980 Park Center Drive Suite C | Vista, CA 92081 | 760-536-3352 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RVCWD-20	25H3283-01	Water	08/18/25 16:30	08/20/25 10:29
RVCWD-19	25H3283-02	Water	08/18/25 18:40	08/20/25 10:29
RVCWD-99	25H3283-03	Water	08/18/25 21:30	08/20/25 10:29
RVCWD-98	25H3283-04	Water	08/18/25 22:00	08/20/25 10:29
RVCWD-20	25H3283-05	Water	08/18/25 16:30	08/20/25 10:29
RVCWD-19	25H3283-06	Water	08/18/25 18:40	08/20/25 10:29
RVCWD-99	25H3283-07	Water	08/18/25 21:30	08/20/25 10:29
RVCWD-98	25H3283-08	Water	08/18/25 22:00	08/20/25 10:29



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-20 (25H3283-01)			Sample Type: Water			Sampled: 08/18/25 16:30				
Metals by EPA 200 Series Methods										
Chromium, hexavalent	0.394	ug/L	0.100	1	AH54587	08/21/25 23:32	08/21/25 23:32	1551	EPA 218.7	
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Arsenic	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Barium	0.19	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Beryllium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Cadmium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Chromium	0.017	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Cobalt	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Copper	0.014	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Lead	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Manganese	0.26	mg/L	0.040	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Mercury	ND	mg/L	0.0010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Molybdenum	0.017	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Nickel	0.017	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Selenium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Thallium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Vanadium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Zinc	0.15	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 17:56	2303	EPA 6020B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-20 (25H3283-01)			Sample Type: Water			Sampled: 08/18/25 16:30				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
Tetrahydrofuran	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,1-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-20 (25H3283-01)			Sample Type: Water			Sampled: 08/18/25 16:30				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 19:27	2303	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>	<i>110 %</i>		<i>70-130</i>		<i>AH54592</i>	<i>08/20/25 12:41</i>	<i>08/20/25 19:27</i>	<i>2303</i>	<i>EPA 8260B</i>	
<i>Surrogate: Toluene-d8</i>	<i>98.6 %</i>		<i>70-130</i>		<i>AH54592</i>	<i>08/20/25 12:41</i>	<i>08/20/25 19:27</i>	<i>2303</i>	<i>EPA 8260B</i>	
<i>Surrogate: Bromofluorobenzene</i>	<i>85.8 %</i>		<i>70-130</i>		<i>AH54592</i>	<i>08/20/25 12:41</i>	<i>08/20/25 19:27</i>	<i>2303</i>	<i>EPA 8260B</i>	
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Nonafluoro-3,6-dioxaheptanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-20 (25H3283-01)			Sample Type: Water			Sampled: 08/18/25 16:30				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
9-Chlorohexadecafluoro-3-Oxanonone-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C4-PFBA	93.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C5-PFPeA	91.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C3-PFBS	95.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C2-4:2FTS	92.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C5-PFHxA	94.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	87.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C4-PFHpA	88.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C3-PFHxS	89.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	91.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C9-PFNA	121 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C8-PFOS	94.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C2-8:2FTS	93.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C6-PFDA	91.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C7-PFUnA	91.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C2-PFDoA	87.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	
Surrogate: 13C8-PFOA	87.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:28	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-20 (25H3283-01)			Sample Type: Water			Sampled: 08/18/25 16:30				
Semivolatile Organic Compounds by EPA Method 8270C										
Acenaphthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Acenaphthylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Aniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Benzo (a) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Benzo (a) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Benzo (b) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Benzo (g,h,i) perylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Benzo (k) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Benzyl alcohol	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Benzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Bis(2-chloroethyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
4-Bromophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Butyl benzyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
4-Chloro-3-methylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
4-Chloroaniline	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2-Chloronaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2-Chlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Chrysene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Di-n-butyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Di-n-octyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Dibenz (a,h) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Dibenzofuran	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
1,2-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
3,3'-Dichlorobenzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2,4-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Diethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Dimethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2,6-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
1,2-Diphenylhydrazine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-20 (25H3283-01)			Sample Type: Water			Sampled: 08/18/25 16:30				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
Fluorene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Hexachlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Hexachlorobutadiene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Hexachlorocyclopentadiene	ND	ug/L	15	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Hexachloroethane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Indeno (1,2,3-cd) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Isophorone	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2-Methylphenol (o-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
3 & 4-Methylphenol (m & p-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
N-Nitrosodiethylamine	ND	ug/L	0.33	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
N-Nitrosodiphenylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Naphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
3-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Nitrobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
4-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2-Nitrophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
4-Nitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Pentachlorophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Phenanthrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Phenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
1,2,4-Trichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Pyridine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2,4,5-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303*	EPA 8270C	
Pentachlorobenzene	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
2,6-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	62.5 %		30-120		AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Surrogate: 2-Fluorophenol	27.0 %		10-120		AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Surrogate: Nitrobenzene-d5	115 %		15-150		AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Surrogate: p-Terphenyl-d14	115 %		35-150		AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Surrogate: Phenol-d6	15.4 %		10-120		AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	59.4 %		10-165		AH54451	08/20/25 12:10	08/20/25 14:32	2303	EPA 8270C	
RVCWD-19 (25H3283-02)			Sample Type: Water			Sampled: 08/18/25 18:40				
Metals by EPA 200 Series Methods										
Chromium, hexavalent	0.914	ug/L	0.100	1	AH54587	08/21/25 23:56	08/21/25 23:56	1551	EPA 218.7	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-19 (25H3283-02)			Sample Type: Water			Sampled: 08/18/25 18:40				
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Arsenic	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Barium	0.19	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Beryllium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Cadmium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Chromium	0.012	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Cobalt	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Copper	0.013	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Lead	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Manganese	ND	mg/L	0.040	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Mercury	ND	mg/L	0.0010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Molybdenum	0.039	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Nickel	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Selenium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Thallium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Vanadium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Zinc	0.16	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 18:03	2303	EPA 6020B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Tetrahydrofuran	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-19 (25H3283-02)			Sample Type: Water			Sampled: 08/18/25 18:40				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,1-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-19 (25H3283-02)			Sample Type: Water			Sampled: 08/18/25 18:40				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Surrogate: Dibromofluoromethane	110 %		70-130		AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Surrogate: Toluene-d8	98.1 %		70-130		AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Surrogate: Bromofluorobenzene	85.4 %		70-130		AH54592	08/20/25 12:41	08/20/25 19:50	2303	EPA 8260B	
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Nonafluoro-3,6-dioxahheptanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-19 (25H3283-02)			Sample Type: Water			Sampled: 08/18/25 18:40				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
11-Chloroicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	S-01
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C4-PFBA	66.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C5-PFPeA	57.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C3-PFBS	44.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C2-4:2FTS	36.7 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C5-PFHxA	36.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	33.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C4-PFHpA	32.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C3-PFHxS	34.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	35.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C9-PFNA	42.7 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C8-PFOS	34.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C2-8:2FTS	33.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C6-PFDA	35.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C7-PFUnA	46.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C2-PFDoA	64.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Surrogate: 13C8-PFOA	30.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 12:47	2303	EPA 533	
Semivolatile Organic Compounds by EPA Method 8270C										
Acenaphthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Acenaphthylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Aniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Benzo (a) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Benzo (a) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Benzo (b) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Benzo (g,h,i) perylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Benzo (k) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Benzyl alcohol	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Benzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Bis(2-chloroethyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
4-Bromophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Butyl benzyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
4-Chloro-3-methylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
4-Chloroaniline	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-19 (25H3283-02)			Sample Type: Water			Sampled: 08/18/25 18:40				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
2-Chloronaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2-Chlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Chrysene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Di-n-butyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Di-n-octyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Dibenz (a,h) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Dibenzofuran	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
1,2-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
3,3'-Dichlorobenzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2,4-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Diethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Dimethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2,6-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
1,2-Diphenylhydrazine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Fluorene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Hexachlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Hexachlorobutadiene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Hexachlorocyclopentadiene	ND	ug/L	15	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Hexachloroethane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Indeno (1,2,3-cd) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Isophorone	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2-Methylphenol (o-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
3 & 4-Methylphenol (m & p-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
N-Nitrosodiethylamine	ND	ug/L	0.33	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
N-Nitrosodiphenylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Naphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
3-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Nitrobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
4-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-19 (25H3283-02)										
Sample Type: Water										
Sampled: 08/18/25 18:40										
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
2-Nitrophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
4-Nitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Pentachlorophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Phenanthrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Phenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
1,2,4-Trichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Pyridine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2,4,5-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303*	EPA 8270C	
Pentachlorobenzene	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
2,6-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	67.7 %		30-120		AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Surrogate: 2-Fluorophenol	28.9 %		10-120		AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Surrogate: Nitrobenzene-d5	114 %		15-150		AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Surrogate: p-Terphenyl-d14	96.8 %		35-150		AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Surrogate: Phenol-d6	13.3 %		10-120		AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	80.7 %		10-165		AH54451	08/20/25 12:10	08/20/25 15:17	2303	EPA 8270C	
RVCWD-99 (25H3283-03)										
Sample Type: Water										
Sampled: 08/18/25 21:30										
Metals by EPA 200 Series Methods										
Chromium, hexavalent	ND	ug/L	0.100	1	AH54587	08/22/25 00:20	08/22/25 00:20	1551	EPA 218.7	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-03)			Sample Type: Water			Sampled: 08/18/25 21:30				
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Arsenic	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Barium	0.16	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Beryllium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Cadmium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Chromium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Cobalt	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Copper	0.017	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Lead	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Manganese	0.17	mg/L	0.040	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Mercury	ND	mg/L	0.0010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Molybdenum	0.024	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Nickel	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Selenium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Thallium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Vanadium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Zinc	0.13	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 18:10	2303	EPA 6020B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Tetrahydrofuran	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-03)			Sample Type: Water			Sampled: 08/18/25 21:30				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,1-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-03)			Sample Type: Water			Sampled: 08/18/25 21:30				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Surrogate: Dibromofluoromethane	110 %		70-130		AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Surrogate: Toluene-d8	99.4 %		70-130		AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Surrogate: Bromofluorobenzene	85.9 %		70-130		AH54592	08/20/25 12:41	08/20/25 20:13	2303	EPA 8260B	
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Nonafluoro-3,6-dioxahheptanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-03)			Sample Type: Water			Sampled: 08/18/25 21:30				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C4-PFBA	65.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C5-PFPeA	60.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C3-PFBS	66.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C2-4:2FTS	63.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C5-PFHxA	66.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	63.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C4-PFHpA	65.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C3-PFHxS	68.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	70.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C9-PFNA	100 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C8-PFOS	87.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C2-8:2FTS	85.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C6-PFDA	88.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C7-PFUnA	88.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C2-PFDoA	85.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Surrogate: 13C8-PFOA	64.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:06	2303	EPA 533	
Semivolatile Organic Compounds by EPA Method 8270C										
Acenaphthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Acenaphthylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Aniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Benzo (a) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Benzo (a) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Benzo (b) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Benzo (g,h,i) perylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Benzo (k) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Benzyl alcohol	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Benzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Bis(2-chloroethyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
4-Bromophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Butyl benzyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
4-Chloro-3-methylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
4-Chloroaniline	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-03)			Sample Type: Water			Sampled: 08/18/25 21:30				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
2-Chloronaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2-Chlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Chrysene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Di-n-butyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Di-n-octyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Dibenz (a,h) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Dibenzofuran	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
1,2-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
3,3'-Dichlorobenzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2,4-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Diethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Dimethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2,6-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
1,2-Diphenylhydrazine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Fluorene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Hexachlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Hexachlorobutadiene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Hexachlorocyclopentadiene	ND	ug/L	15	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Hexachloroethane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Indeno (1,2,3-cd) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Isophorone	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2-Methylphenol (o-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
3 & 4-Methylphenol (m & p-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
N-Nitrosodiethylamine	ND	ug/L	0.33	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
N-Nitrosodiphenylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Naphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
3-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Nitrobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
4-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-03)			Sample Type: Water			Sampled: 08/18/25 21:30				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
2-Nitrophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
4-Nitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Pentachlorophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Phenanthrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Phenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
1,2,4-Trichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Pyridine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2,4,5-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303*	EPA 8270C	
Pentachlorobenzene	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
2,6-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	76.6 %		30-120		AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Surrogate: 2-Fluorophenol	19.2 %		10-120		AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Surrogate: Nitrobenzene-d5	90.2 %		15-150		AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Surrogate: p-Terphenyl-d14	99.8 %		35-150		AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Surrogate: Phenol-d6	12.4 %		10-120		AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	45.3 %		10-165		AH54451	08/20/25 12:10	08/20/25 16:03	2303	EPA 8270C	
RVCWD-98 (25H3283-04)			Sample Type: Water			Sampled: 08/18/25 22:00				
Metals by EPA 200 Series Methods										
Chromium, hexavalent	0.338	ug/L	0.100	1	AH54587	08/22/25 00:43	08/22/25 00:43	1551	EPA 218.7	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-98 (25H3283-04)			Sample Type: Water			Sampled: 08/18/25 22:00				
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Arsenic	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Barium	0.25	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Beryllium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Cadmium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Chromium	0.010	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Cobalt	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Copper	0.019	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Lead	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Manganese	ND	mg/L	0.040	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Mercury	ND	mg/L	0.0010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Molybdenum	0.016	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Nickel	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Selenium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Silver	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Thallium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Vanadium	ND	mg/L	0.010	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Zinc	0.17	mg/L	0.050	1	AH54629	08/20/25 16:49	08/21/25 18:16	2303	EPA 6020B	
Volatile Organic Compounds by EPA Method 8260B										
Dichlorodifluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Chloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Vinyl chloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Bromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Chloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Trichlorofluoromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Tert-butyl alcohol	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Methylene chloride	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Carbon disulfide	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Methyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Di-isopropyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
2,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
Chloroform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Bromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Tetrahydrofuran	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-98 (25H3283-04)			Sample Type: Water			Sampled: 08/18/25 22:00				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,1-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
Carbon tetrachloride	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Benzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Tert-amyl methyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Trichloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,2-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Dibromomethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Bromodichloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Toluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,1,2-Trichloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,3-Dichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
Dibromochloromethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Tetrachloroethene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Chlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Ethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
m,p-Xylene	ND	ug/L	2.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
o-Xylene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Xylenes (total)	ND	ug/L	3.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Styrene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Bromoform	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Isopropylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
1,2,3-Trichloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Bromobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
n-Propylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
2-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
4-Chlorotoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
tert-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
sec-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
p-Isopropyltoluene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Ethyl tert-butyl ether	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
n-Butylbenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-98 (25H3283-04)			Sample Type: Water			Sampled: 08/18/25 22:00				
Volatile Organic Compounds by EPA Method 8260B (cont'd)										
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Naphthalene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Hexachlorobutadiene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
Acetone	ND	ug/L	100	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
Methyl ethyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303*	EPA 8260B	
Methyl isobutyl ketone	ND	ug/L	2.5	1	AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Surrogate: Dibromofluoromethane	112 %		70-130		AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Surrogate: Toluene-d8	98.2 %		70-130		AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Surrogate: Bromofluorobenzene	84.4 %		70-130		AH54592	08/20/25 12:41	08/20/25 20:36	2303	EPA 8260B	
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Nonafluoro-3,6-dioxahheptanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-98 (25H3283-04)			Sample Type: Water			Sampled: 08/18/25 22:00				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C4-PFBA	74.7 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C5-PFPeA	67.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C3-PFBS	76.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C2-4:2FTS	72.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C5-PFHxA	78.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	75.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C4-PFHpA	71.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C3-PFHxS	74.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	74.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C9-PFNA	111 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C8-PFOS	84.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C2-8:2FTS	82.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C6-PFDA	85.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C7-PFUnA	87.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C2-PFDoA	85.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Surrogate: 13C8-PFOA	80.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:25	2303	EPA 533	
Semivolatile Organic Compounds by EPA Method 8270C										
Acenaphthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Acenaphthylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Aniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Benzo (a) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Benzo (a) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Benzo (b) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Benzo (g,h,i) perylene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Benzo (k) fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Benzyl alcohol	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Benzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Bis(2-chloroethyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
4-Bromophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Butyl benzyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
4-Chloro-3-methylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
4-Chloroaniline	ND	ug/L	20	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-98 (25H3283-04)			Sample Type: Water			Sampled: 08/18/25 22:00				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
2-Chloronaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2-Chlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Chrysene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Di-n-butyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Di-n-octyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Dibenz (a,h) anthracene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Dibenzofuran	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
1,2-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
3,3'-Dichlorobenzidine	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2,4-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Diethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Dimethyl phthalate	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2,6-Dinitrotoluene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
1,2-Diphenylhydrazine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Fluoranthene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Fluorene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Hexachlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Hexachlorobutadiene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Hexachlorocyclopentadiene	ND	ug/L	15	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Hexachloroethane	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Indeno (1,2,3-cd) pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Isophorone	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2-Methylphenol (o-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
3 & 4-Methylphenol (m & p-cresol)	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
N-Nitrosodiethylamine	ND	ug/L	0.33	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
N-Nitrosodiphenylamine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
N-Nitrosodimethylamine	ND	ug/L	5.0	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Naphthalene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
3-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Nitrobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
4-Nitroaniline	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-98 (25H3283-04)			Sample Type: Water			Sampled: 08/18/25 22:00				
Semivolatile Organic Compounds by EPA Method 8270C (cont'd)										
2-Nitrophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
4-Nitrophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Pentachlorophenol	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Phenanthrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Phenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Pyrene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
1,2,4-Trichlorobenzene	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Pyridine	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2,4,5-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303*	EPA 8270C	
Pentachlorobenzene	ND	ug/L	50	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
2,6-Dichlorophenol	ND	ug/L	10	1	AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Surrogate: 2-Fluorobiphenyl	57.6 %		30-120		AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Surrogate: 2-Fluorophenol	19.9 %		10-120		AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Surrogate: Nitrobenzene-d5	114 %		15-150		AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Surrogate: p-Terphenyl-d14	93.4 %		35-150		AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Surrogate: Phenol-d6	10.2 %		10-120		AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
Surrogate: 2,4,6-Tribromophenol	72.6 %		10-165		AH54451	08/20/25 12:10	08/20/25 16:49	2303	EPA 8270C	
RVCWD-20 (25H3283-05)			Sample Type: Water			Sampled: 08/18/25 16:30				
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Nonafluoro-3,6-dioxahexanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-20 (25H3283-05)			Sample Type: Water			Sampled: 08/18/25 16:30				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C4-PFBA	80.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C5-PFPeA	80.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C3-PFBS	89.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C2-4:2FTS	82.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C5-PFHxA	86.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	81.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C4-PFHpA	86.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C3-PFHxS	87.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	88.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C9-PFNA	129 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C8-PFOS	95.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C2-8:2FTS	94.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C6-PFDA	96.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C7-PFUnA	100 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C2-PFDoA	95.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
Surrogate: 13C8-PFOA	82.7 %		50-200		AH54571	08/21/25 05:44	08/21/25 13:44	2303	EPA 533	
RVCWD-19 (25H3283-06)			Sample Type: Water			Sampled: 08/18/25 18:40				
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Nonafluoro-3,6-dioxaheptanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-19 (25H3283-06)			Sample Type: Water			Sampled: 08/18/25 18:40				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxane-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C4-PFBA	89.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C5-PFPeA	79.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C3-PFBS	88.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C2-4:2FTS	81.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C5-PFHxA	90.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	86.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C4-PFHpA	92.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C3-PFHxS	89.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	87.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C9-PFNA	131 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C8-PFOS	93.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C2-8:2FTS	96.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C6-PFDA	98.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C7-PFUnA	98.3 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C2-PFDoA	89.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	
Surrogate: 13C8-PFOA	85.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:03	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-07)			Sample Type: Water			Sampled: 08/18/25 21:30				
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Nonafluoro-3,6-dioxahheptanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxandecane-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C4-PFBA	79.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C5-PFPeA	72.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C3-PFBS	81.5 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C2-4:2FTS	74.2 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C5-PFHxA	79.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	73.1 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C4-PFHpA	72.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-99 (25H3283-07)			Sample Type: Water			Sampled: 08/18/25 21:30				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Surrogate: 13C3-PFHxS	81.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	78.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C9-PFNA	118 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C8-PFOS	89.9 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C2-8:2FTS	87.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C6-PFDA	88.4 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C7-PFUnA	92.0 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C2-PFDoA	87.6 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
Surrogate: 13C8-PFOA	79.8 %		50-200		AH54571	08/21/25 05:44	08/21/25 14:22	2303	EPA 533	
RVCWD-98 (25H3283-08)			Sample Type: Water			Sampled: 08/18/25 22:00				
Perfluorinated Alkyl Acids by EPA Method 533										
Perfluorobutanoic acid (PFBA)	ND	ng/l	6.0	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluoropentanoic acid (PFPeA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/l	2.3	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	ng/l	2.4	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Nonafluoro-3,6-dioxahheptanoic acid	ND	ng/l	3.3	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorohexanoic Acid (PFHxA)	ND	ng/l	2.5	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluoropentane sulfonic acid (PFPeS)	ND	ng/l	2.9	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	ng/l	2.7	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluoroheptanoic Acid (PFHpA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	ng/l	3.1	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorooctanoic Acid (PFOA)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluoroheptane sulfonic acid (PFHpS)	ND	ng/l	3.2	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorononanoic Acid (PFNA)	ND	ng/l	4.4	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/l	4.0	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
9-Chlorohexadecafluoro-3-Oxanone-1 Sulfonic Acid	ND	ng/l	3.7	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ND	ng/l	4.6	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorodecanoic Acid (PFDA)	ND	ng/l	5.0	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
RVCWD-98 (25H3283-08)			Sample Type: Water			Sampled: 08/18/25 22:00				
Perfluorinated Alkyl Acids by EPA Method 533 (cont'd)										
Perfluoroundecanoic Acid (PFUnA)	ND	ng/l	4.9	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ND	ng/l	5.7	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Perfluorododecanoic Acid (PFDoA)	ND	ng/l	4.2	1	AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C4-PFBA	87.0	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C5-PFPeA	85.3	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C3-PFBS	86.6	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C2-4:2FTS	80.4	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C5-PFHxA	88.6	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C3-HFPO-DA	81.7	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C4-PFHpA	86.7	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C3-PFHxS	88.7	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C2-6:2 FTS	86.9	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C9-PFNA	134	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C8-PFOS	97.7	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C2-8:2FTS	96.0	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C6-PFDA	99.8	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C7-PFUnA	99.7	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C2-PFDoA	91.1	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	
Surrogate: 13C8-PFOA	94.3	%	50-200		AH54571	08/21/25 05:44	08/21/25 14:41	2303	EPA 533	



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 15:57

Notes and Definitions

- QB-01 The method blank contains analyte above the MRL; however, the analyte in all associated samples was either ND, greater than 10X the blank concentration or approved for reporting by client or project manager.
- QL-06 Spike recovery for this analyte was outside of control limits. All calibration checks were acceptable and method blank was below reporting limit.
- QM-01 The spike recovery for this QC sample is outside of established control limits possibly due to a sample matrix interference.
- S-01 The surrogate recovery for this sample is outside of established control limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.

WORK ORDER

25H3283

Alpha Analytical Laboratories North Bay to Ukiah Chain of Custody

Client: Round Valley County Water District (RVCWD)	Client Code: NBSM_RVCWD	Bid: Master Bid
Project: Water Quality	Project Number: [none]	PO #:

Date Due: 08/27/25 15:00 (5 day TAT)
 Received By: Alexis M. Martyn Date Received: 08/20/25 10:29
 Logged In By: Alexis M. Martyn Date Logged: 08/20/25 10:33

Samples Received at: _____ deg C

Analysis	Department	Expires	Comments
25H3283-01 RVCWD-20 [Water] Sampled 08/18/25 16:30			
Cr6 218.7 DW	Metals	09/01/25 23:59	
Hg DW ICP/MS 200.8	Metals	02/14/26 16:30	
25H3283-02 RVCWD-19 [Water] Sampled 08/18/25 18:40			
Cr6 218.7 DW	Metals	09/01/25 23:59	
25H3283-03 RVCWD-99 [Water] Sampled 08/18/25 21:30			
Cr6 218.7 DW	Metals	09/01/25 23:59	
25H3283-04 RVCWD-98 [Water] Sampled 08/18/25 22:00			
Cr6 218.7 DW	Metals	09/01/25 23:59	

Containers Supplied:
 250mL Poly - NH4OH/(NH4)2SO4 (A)
 250mL Poly HNO3 (B)
 250mL Poly HNO3 (B)

AB 8-20-25
 Relinquished By Date
AMS 8-20-25 1400
 Relinquished By Date

AMS 8-20-25 11:10 AM
 Received By Date Tim
AMS 8-20-25 1400
 Received By Date Tim

Report to		Invoice to (if different)		Project Information		Analysis Request		TAT		Temp upon Receipt °C	
Company/Client Name: Round Valley County Water District		Contact: Email address: Address: Phone/Fax:		Project ID: Project No: PO Number:		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
Attn: Mailing Address: PO Box 535 Covelo, CA 95428 Phone/Fax: (707)972-3637 Email Address: rvcwdmanager@gmail.com & rvcwdprojects@gmail.com		cc: ryan.crawford@ghnd.com		Total Number of Containers		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
Field Sampler - Printed Name & Signature:		Container		Preservative		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
Sample Identification (Ex: Well Head, Kitchen Sink)		40ml Vial		HCl		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
RVCWD-20		Glass		HNO3		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
RVCWD-19		Sleeve		Other		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
RVCWD-99		Other		None		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
RVCWD-98		Other		Other		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
Received by: <i>Ryan Crawford</i>		Date: 8/20/25		Time: 1029		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
CDPH Write On EDT Transmission? <input type="radio"/> Yes <input checked="" type="radio"/> No		State System Number:		If "Y" please enter the Source Number(s) in the column above		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
CA Geotracker/EDF Report? <input type="radio"/> Yes <input checked="" type="radio"/> No		Global ID:		Sampling Company Log Code:		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
EDF to (Email Address):		Travel and Site Time:		Mileage:		Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	
Misc. Supplies:						Analysis Request		Standard 10 days <input type="radio"/> RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required		Temp upon Receipt °C Ukiah temp: Petaluma temp: 3.1 Elk Grove temp:	

Appendix C

Community Water Quality Testing Results



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

25 August 2025

Round Valley County Water District (RVCWD)

Attn: Round Valley County Water District (RVCWD)

BOX 535

Covelo, CA 95428

RE: Water Quality

Work Order: 25H2652

Enclosed are the results of analyses for samples received by the laboratory on 08/15/25 09:48. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen F. McWeeney

Project Manager



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
08/25/25 16:29

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 980 Park Center Drive Suite C | Vista, CA 92081 | 760-536-3352 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
6HS	25H2652-01	Water	08/14/25 15:15	08/15/25 09:48
1MS	25H2652-02	Water	08/14/25 15:31	08/15/25 09:48
2MS	25H2652-03	Water	08/14/25 15:54	08/15/25 09:48
7HR	25H2652-04	Water	08/14/25 16:31	08/15/25 09:48
1EL	25H2652-05	Water	08/14/25 16:15	08/15/25 09:48
9HR	25H2652-06	Water	08/14/25 16:42	08/15/25 09:48
9CR	25H2652-07	Water	08/14/25 17:28	08/15/25 09:48
10AR	25H2652-08	Water	08/14/25 18:12	08/15/25 09:48
7HR	25H2652-09	Water	08/14/25 17:47	08/15/25 09:48



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
08/25/25 16:29

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
6HS (25H2652-01)			Sample Type: Water			Sampled: 08/14/25 15:15				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54336	08/18/25 08:24	08/18/25 11:40	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	2.2	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 12:14	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
1MS (25H2652-02)			Sample Type: Water			Sampled: 08/14/25 15:31				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54336	08/18/25 08:24	08/18/25 11:44	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	1.1	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 12:26	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
2MS (25H2652-03)			Sample Type: Water			Sampled: 08/14/25 15:54				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54336	08/18/25 08:24	08/18/25 11:47	2303	EPA 200.8	



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD) BOX 535 Covelo, CA 95428	Project Manager: Round Valley County Water District Project: Water Quality Project Number: [none]	Reported: 08/25/25 16:29
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
2MS (25H2652-03)			Sample Type: Water			Sampled: 08/14/25 15:54				
Anions by EPA Method 300.0										
Nitrate as N	1.5	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 12:39	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
7HR (25H2652-04)			Sample Type: Water			Sampled: 08/14/25 16:31				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54336	08/18/25 08:24	08/18/25 11:51	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	0.78	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 13:05	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	3.1	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
1EL (25H2652-05)			Sample Type: Water			Sampled: 08/14/25 16:15				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	4.5	ug/L	2.0	1	AH54358	08/18/25 10:01	08/18/25 17:45	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD) BOX 535 Covelo, CA 95428	Project Manager: Round Valley County Water District Project: Water Quality Project Number: [none]	Reported: 08/25/25 16:29
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
1EL (25H2652-05)			Sample Type: Water			Sampled: 08/14/25 16:15				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 13:17	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	28	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
9HR (25H2652-06)			Sample Type: Water			Sampled: 08/14/25 16:42				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54336	08/18/25 08:24	08/18/25 12:03	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	1.8	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 13:30	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
9CR (25H2652-07)			Sample Type: Water			Sampled: 08/14/25 17:28				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54358	08/18/25 10:01	08/18/25 17:18	2303	EPA 200.8	



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD) BOX 535 Covelo, CA 95428	Project Manager: Round Valley County Water District Project: Water Quality Project Number: [none]	Reported: 08/25/25 16:29
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
9CR (25H2652-07)			Sample Type: Water			Sampled: 08/14/25 17:28				
Anions by EPA Method 300.0										
Nitrate as N	2.8	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 13:43	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
10AR (25H2652-08)			Sample Type: Water			Sampled: 08/14/25 18:12				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54358	08/18/25 10:01	08/18/25 17:22	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	4.1	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 13:55	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	>2419.6	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	4.1	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
7HR (25H2652-09)			Sample Type: Water			Sampled: 08/14/25 17:47				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54336	08/18/25 08:24	08/18/25 12:07	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD) BOX 535 Covelo, CA 95428	Project Manager: Round Valley County Water District Project: Water Quality Project Number: [none]	Reported: 08/25/25 16:29
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
7HR (25H2652-09)				Sample Type: Water			Sampled: 08/14/25 17:47			
Anions by EPA Method 300.0										
Nitrate as N	3.7	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 14:08	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
08/25/25 16:29

Notes and Definitions

>2419.6 >2419.6

QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.



Corporate Laboratory
208 Mason Street, Ukiah CA 95482
707-468-0401 F) 707-468-5267
Email: clientservices@alpha-labs.com

ELAP Certifications
Ukiah 1551 / Dublin 2728 / Elk Grove

Bay Area Laboratory
282 Rickenbacker Circle, Livermore CA 94551
925-828-6228 F) 925-828-8309

Central Valley Laboratory
9090 Union Park Way #113, Elk Grove CA 95624
916-886-5190 F) 916-886-5192

Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 25H2652 Pg _____ of _____

Report to		Invoice to (if different)		Project Information		Signature below authorizes work under terms stated on reverse side.																					
Company/Client Name: <u>Round Valley Cr. Water District</u>		Contact: <u>Lourence Hall</u>		Project ID:		Analysis Request TAT Standard 10 days RUSH: 5 days <input type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required Temp upon Receipt °C Ukiah temp: Dublin temp: Elk Grove temp: <u>Petaluma</u> <u>8.8</u>																					
Attn:		Email address: <u>rvcwdmanager@gmail.com</u>		Project No:																							
Mailing Address: <u>PO Box 535</u>		Address: <u>Same</u>		PO Number:																							
Phone/Fax: <u>707-405-0023</u>		Phone/Fax:																									
Email Address: <u>rvcwdprojects@gmail.com</u>																											
Field Sampler - Printed Name & Signature: <u>Lourence Hall</u> <u>[Signature]</u>						Total Number of Containers <u>Basic Well Package</u>																					
Sample Identification (Ex: Well Head, Kitchen Sink)		Sampling		Container												Preservative		Matrix									
		Date	Time	40ml Vial	Poly											Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other	None	Water	Soil	Other	
<u>6HS</u>		<u>8/14</u>	<u>3:15</u>																								
<u>1MS</u>		<u>8/14</u>	<u>3:31</u>																								
<u>2MS</u>			<u>3:54</u>																								
<u>7HR</u>			<u>4:31</u>																								
<u>1EL</u>			<u>4:15</u>																								
<u>9HR</u>			<u>4:42</u>																								
<u>9CR</u>			<u>5:28</u>																								
<u>10AR</u>			<u>6:12</u>																								
<u>7HR</u>			<u>5:47</u>																								
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date: <u>8/15/15</u>		Time: <u>9:48</u>		GDPH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No State System Number: _____ If "Y" please enter the Source Number(s) in the column above CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No Global ID: _____ Sampling Company Log Code: _____ EDF to (Email Address): _____																			



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

25 August 2025

Round Valley County Water District (RVCWD)

Attn: Round Valley County Water District (RVCWD)

BOX 535

Covelo, CA 95428

RE: Water Quality

Work Order: 25H2655

Enclosed are the results of analyses for samples received by the laboratory on 08/15/25 09:48. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen F. McWeeney

Project Manager



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
08/25/25 16:31

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 980 Park Center Drive Suite C | Vista, CA 92081 | 760-536-3352 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
8CR	25H2655-01	Water	08/14/25 18:33	08/15/25 09:48
6LS	25H2655-02	Water	08/14/25 19:21	08/15/25 09:48
4EL	25H2655-03	Water	08/14/25 19:52	08/15/25 09:48
3EL	25H2655-04	Water	08/14/25 19:47	08/15/25 09:48
5EL	25H2655-05	Water	08/14/25 19:58	08/15/25 09:48
2SC	25H2655-06	Water	08/14/25 20:30	08/15/25 09:48



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD) BOX 535 Covelo, CA 95428	Project Manager: Round Valley County Water District Project: Water Quality Project Number: [none]	Reported: 08/25/25 16:31
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
8CR (25H2655-01)			Sample Type: Water			Sampled: 08/14/25 18:33				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54339	08/18/25 08:33	08/18/25 15:41	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 14:20	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	30	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
6LS (25H2655-02)			Sample Type: Water			Sampled: 08/14/25 19:21				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54339	08/18/25 08:33	08/18/25 15:45	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	1.8	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 14:33	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
4EL (25H2655-03)			Sample Type: Water			Sampled: 08/14/25 19:52				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	67	ug/L	2.0	1	AH54358	08/18/25 10:01	08/18/25 17:33	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD) BOX 535 Covelo, CA 95428	Project Manager: Round Valley County Water District Project: Water Quality Project Number: [none]	Reported: 08/25/25 16:31
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
4EL (25H2655-03)			Sample Type: Water			Sampled: 08/14/25 19:52				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 14:46	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
3EL (25H2655-04)			Sample Type: Water			Sampled: 08/14/25 19:47				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	96	ug/L	2.0	1	AH54358	08/18/25 10:01	08/18/25 17:37	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 14:58	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	12	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
5EL (25H2655-05)			Sample Type: Water			Sampled: 08/14/25 19:58				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	78	ug/L	2.0	1	AH54336	08/18/25 08:24	08/18/25 12:11	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD) BOX 535 Covelo, CA 95428	Project Manager: Round Valley County Water District Project: Water Quality Project Number: [none]	Reported: 08/25/25 16:31
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
5EL (25H2655-05)			Sample Type: Water			Sampled: 08/14/25 19:58				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 15:23	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
2SC (25H2655-06)			Sample Type: Water			Sampled: 08/14/25 20:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54339	08/18/25 08:33	08/18/25 15:49	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54187	08/15/25 10:30	08/15/25 15:36	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54260	08/15/25 14:30	08/16/25 17:30	2303	SM9223B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley County Water District (RVCWD)
BOX 535
Covelo, CA 95428

Project Manager: Round Valley County Water District
Project: Water Quality
Project Number: [none]

Reported:
08/25/25 16:31

Notes and Definitions

- QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

27 August 2025

Round Valley CWD

Attn: Round Valley CWD

BOX 535

Covelo, CA 95428

RE: Water Quality

Work Order: 25H3289

Enclosed are the results of analyses for samples received by the laboratory on 08/20/25 10:29. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen F. McWeeney

Project Manager



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/27/25 16:03

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 980 Park Center Drive Suite C | Vista, CA 92081 | 760-536-3352 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
8HR	25H3289-01	Water	08/19/25 11:00	08/20/25 10:29
3FB	25H3289-02	Water	08/19/25 14:00	08/20/25 10:29
9DL	25H3289-03	Water	08/19/25 14:45	08/20/25 10:29
8DL	25H3289-04	Water	08/19/25 14:54	08/20/25 10:29
14 HR	25H3289-05	Water	08/19/25 11:00	08/20/25 10:29
15HR	25H3289-06	Water	08/19/25 14:10	08/20/25 10:29
10HR	25H3289-07	Water	08/19/25 11:50	08/20/25 10:29
12HR	25H3289-08	Water	08/19/25 14:10	08/20/25 10:29
7BL	25H3289-09	Water	08/19/25 13:00	08/20/25 10:29
5DL	25H3289-10	Water	08/19/25 14:00	08/20/25 10:29
2MP	25H3289-11	Water	08/19/25 13:00	08/20/25 10:29
1MP	25H3289-12	Water	08/19/25 13:00	08/20/25 10:29
12DL	25H3289-13	Water	08/19/25 14:28	08/20/25 10:29
2CL	25H3289-14	Water	08/19/25 15:17	08/20/25 10:29
7EL	25H3289-15	Water	08/19/25 13:58	08/20/25 10:29
1CR	25H3289-16	Water	08/19/25 15:29	08/20/25 10:29
13DL	25H3289-17	Water	08/19/25 14:48	08/20/25 10:29
8EL	25H3289-18	Water	08/19/25 14:07	08/20/25 10:29
11DL	25H3289-19	Water	08/19/25 14:23	08/20/25 10:29
3LL	25H3289-20	Water	08/19/25 16:30	08/20/25 10:29
1SC	25H3289-21	Water	08/19/25 16:45	08/20/25 10:29
3SC	25H3289-22	Water	08/19/25 16:52	08/20/25 10:29
1HR	25H3289-23	Water	08/19/25 17:23	08/20/25 10:29

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/27/25 16:03

2EL

25H3289-24

Water

08/19/25 17:40

08/20/25 10:29



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
8HR (25H3289-01)			Sample Type: Water			Sampled: 08/19/25 11:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 11:42	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 15:21	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
3FB (25H3289-02)			Sample Type: Water			Sampled: 08/19/25 14:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 11:53	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 15:34	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
9DL (25H3289-03)			Sample Type: Water			Sampled: 08/19/25 14:45				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	2.4	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 11:57	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
9DL (25H3289-03)			Sample Type: Water			Sampled: 08/19/25 14:45				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 15:59	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	160	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	2.0	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
8DL (25H3289-04)			Sample Type: Water			Sampled: 08/19/25 14:54				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:01	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 16:12	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
14 HR (25H3289-05)			Sample Type: Water			Sampled: 08/19/25 11:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	62	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:05	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD BOX 535 Covelo, CA 95428	Project Manager: Round Valley CWD Project: Water Quality Project Number: [none]	Reported: 08/27/25 16:03
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
14 HR (25H3289-05)			Sample Type: Water			Sampled: 08/19/25 11:00				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 16:25	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
15HR (25H3289-06)			Sample Type: Water			Sampled: 08/19/25 14:10				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:09	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 16:37	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	1400	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
10HR (25H3289-07)			Sample Type: Water			Sampled: 08/19/25 11:50				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:13	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
10HR (25H3289-07)			Sample Type: Water			Sampled: 08/19/25 11:50				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 16:50	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	1.0	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
12HR (25H3289-08)			Sample Type: Water			Sampled: 08/19/25 14:10				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	2.4	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:17	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 17:02	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	65	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
7BL (25H3289-09)			Sample Type: Water			Sampled: 08/19/25 13:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:20	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
7BL (25H3289-09)			Sample Type: Water			Sampled: 08/19/25 13:00				
Anions by EPA Method 300.0										
Nitrate as N	4.6	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 17:15	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
5DL (25H3289-10)			Sample Type: Water			Sampled: 08/19/25 14:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	3.8	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:24	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 17:28	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	12	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
2MP (25H3289-11)			Sample Type: Water			Sampled: 08/19/25 13:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54731	08/22/25 07:53	08/25/25 15:53	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD BOX 535 Covelo, CA 95428	Project Manager: Round Valley CWD Project: Water Quality Project Number: [none]	Reported: 08/27/25 16:03
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
2MP (25H3289-11)			Sample Type: Water			Sampled: 08/19/25 13:00				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 17:40	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	1600	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
1MP (25H3289-12)			Sample Type: Water			Sampled: 08/19/25 13:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:28	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 18:06	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
12DL (25H3289-13)			Sample Type: Water			Sampled: 08/19/25 14:28				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:40	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD BOX 535 Covelo, CA 95428	Project Manager: Round Valley CWD Project: Water Quality Project Number: [none]	Reported: 08/27/25 16:03
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
12DL (25H3289-13)			Sample Type: Water			Sampled: 08/19/25 14:28				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 18:18	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	>2419.6	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
2CL (25H3289-14)			Sample Type: Water			Sampled: 08/19/25 15:17				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	3.9	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:44	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	0.58	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 18:31	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
7EL (25H3289-15)			Sample Type: Water			Sampled: 08/19/25 13:58				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	67	ug/L	2.0	1	AH54744	08/22/25 08:53	08/22/25 12:47	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
7EL (25H3289-15)			Sample Type: Water			Sampled: 08/19/25 13:58				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 18:43	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
ICR (25H3289-16)			Sample Type: Water			Sampled: 08/19/25 15:29				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	4.0	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:14	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 18:56	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
13DL (25H3289-17)			Sample Type: Water			Sampled: 08/19/25 14:48				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	5.9	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:26	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
13DL (25H3289-17)			Sample Type: Water			Sampled: 08/19/25 14:48				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 19:09	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
8EL (25H3289-18)			Sample Type: Water			Sampled: 08/19/25 14:07				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	220	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:30	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 19:21	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
11DL (25H3289-19)			Sample Type: Water			Sampled: 08/19/25 14:23				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:34	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD BOX 535 Covelo, CA 95428	Project Manager: Round Valley CWD Project: Water Quality Project Number: [none]	Reported: 08/27/25 16:03
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
1IDL (25H3289-19)			Sample Type: Water			Sampled: 08/19/25 14:23				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54573	08/20/25 11:55	08/20/25 19:34	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	26	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
3LL (25H3289-20)			Sample Type: Water			Sampled: 08/19/25 16:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:38	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	1.3	mg/L	0.40	1	AH54580	08/20/25 12:14	08/20/25 21:15	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
1SC (25H3289-21)			Sample Type: Water			Sampled: 08/19/25 16:45				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	260	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:41	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
ISC (25H3289-21)			Sample Type: Water			Sampled: 08/19/25 16:45				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54580	08/20/25 12:14	08/20/25 21:28	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
3SC (25H3289-22)			Sample Type: Water			Sampled: 08/19/25 16:52				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	250	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:45	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54580	08/20/25 12:14	08/20/25 21:40	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
1HR (25H3289-23)			Sample Type: Water			Sampled: 08/19/25 17:23				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	4.8	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:49	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/27/25 16:03

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
1HR (25H3289-23)			Sample Type: Water			Sampled: 08/19/25 17:23				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54580	08/20/25 12:14	08/20/25 21:53	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	1.0	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
2EL (25H3289-24)			Sample Type: Water			Sampled: 08/19/25 17:40				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	24	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:53	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54580	08/20/25 12:14	08/20/25 22:05	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	31	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54552	08/20/25 16:55	08/21/25 17:20	2303	SM9223B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/27/25 16:03

Notes and Definitions

>2419.6 >2419.6

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.



Corporate Laboratory
208 Mason Street, Ukiah CA 95482
707-468-0401 F) 707-468-5267
Email: clientservices@alpha-labs.com

ELAP Certifications
Ukiah 1551 / Dublin 2728 / Elk Grove

Bay Area Laboratory
262 Rickenbacker Circle, Livermore CA 94551
925-828-6226 F) 925-828-6309

Central Valley Laboratory
9090 Union Park Way #113, Elk Grove CA 95624
916-686-5190 F) 916-686-5192

Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 25H3289 Pg 2¹ of 3

Report to		Invoice to (if different)				Project Information				Signature below authorizes work under terms stated on reverse side.																																																									
Company/Client Name: Round Valley County Water District		Contact:				Project ID:				<table border="1"> <thead> <tr> <th colspan="12">Analysis Request</th> <th>TAT</th> <th>Temp upon Receipt °C</th> </tr> </thead> <tbody> <tr> <td colspan="12" rowspan="3"></td> <td>Standard 10 days <input type="radio"/></td> <td>Ukiah temp:</td> </tr> <tr> <td>RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required</td> <td>Petaluma temp: 3.1</td> </tr> <tr> <td></td> <td>Elk Grove temp:</td> </tr> <tr> <td colspan="14">Sample Notes or CDPH Source Numbers:</td> </tr> </tbody> </table>												Analysis Request												TAT	Temp upon Receipt °C													Standard 10 days <input type="radio"/>	Ukiah temp:	RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required	Petaluma temp: 3.1		Elk Grove temp:	Sample Notes or CDPH Source Numbers:													
Analysis Request																						TAT	Temp upon Receipt °C																																												
																						Standard 10 days <input type="radio"/>	Ukiah temp:																																												
																						RUSH: 5 days <input checked="" type="radio"/> 48 hours <input type="radio"/> Other: _____ days <input type="radio"/> Lab preapproval required	Petaluma temp: 3.1																																												
													Elk Grove temp:																																																						
Sample Notes or CDPH Source Numbers:																																																																			
Attn: Lourance Hall		Email address:				Project No:																																																													
Mailing Address: PO Box 535 Covelo, CA 95428		Address:				PO Number:																																																													
Phone/Fax: (707)972-3637		Phone/Fax:																																																																	
Email Address: rvcwdmanager@gmail.com & rvcwdprojects@gmail.com																																																																			
Field Sampler - Printed Name & Signature: <i>Lourance Hall</i> <i>Lourance Hall</i>				Container				Preservative				Matrix																																																							
				40ml Vial	Poly	Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other	None	Water	Soil	Other																																																			
Sample Identification (Ex: Well Head, Kitchen Sink)		Sampling Date		Time						Total Number of Containers																																																									
8 HR		8/19		11:00						3				X																																																					
3 FB				2:00						3				X																																																					
9 DL				2:45						3				X																																																					
8 DL				2:54						3				X																																																					
14 HR				11:00						3				X																																																					
15 HR				2:10						3				X																																																					
10 HR				11:50						3				X																																																					
12 HR				2:10						3				X																																																					
7 BL				1:00						3				X																																																					
5 DL				2:00						3				X																																																					
Relinquished by <i>[Signature]</i>				Received by <i>[Signature]</i>				Date				Time				CDPH Write On EDT Transmission? <input type="radio"/> Yes <input checked="" type="radio"/> No																																																			
								8/19/25				7:00				State System Number: _____																																																			
								8/19/25				19:00				If "Y" please enter the Source Number(s) in the column above																																																			
								8/20/25				1029				CA Geotracker EDF Report? <input type="radio"/> Yes <input checked="" type="radio"/> No																																																			
																Global ID: _____ Sampling Company Log Code: _____																																																			
																EDF to (Email Address): _____																																																			
																Travel and Site Time: _____ Mileage: _____ Misc. Supplies: _____																																																			

Report to		Invoice to (if different)		Project Information												Signature below authorizes work under terms stated on reverse side.											
Company/Client Name: Round Valley County Water District		Contact:		Project ID:				Analysis Request								TAT		Temp upon Receipt °C									
Attn: Lourance Hall		Email address:		Project No:												Standard 10 days <input type="radio"/>		Ukiah temp:									
Mailing Address: PO Box 535 Covelo, CA 95428		Address:		PO Number:												RUSH: 5 days <input checked="" type="radio"/>		Petaluma temp: 3.1									
Phone/Fax: (707)972-3637		Phone/Fax:														48 hours <input type="radio"/>		Elk Grove temp:									
Email Address: rvcwdmanager@gmail.com & rvcwdprojects@gmail.com										Other: ____ days <input type="radio"/>		Lab preapproval required															
Field Sampler - Printed Name & Signature: <i>Lourance Hall</i> <i>Shirley Hall</i>				Container			Preservative			Matrix			Total Number of Containers		Basic Well Package		Sample Notes or CDPH Source Numbers:										
Sample Identification (Ex: Well Head, Kitchen Sink)		Sampling		40ml Vial	Poly	Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other									None	Water	Soil	Other			
Date		Time																									
2 MP		8/19		1:00pm																							
1 MP				1:00pm																							
12 DL				2:28																							
2 CL				3:17																							
7 EL				1:58																							
1 CR				3:29																							
13 DL				2:48																							
8 EL				2:07																							
11 DL				2:23																							
3 LL				4:30																							
Relinquished by <i>Shirley Hall</i>				Received by <i>Ryan Cupo</i>				Date 8/19/25		Time 7:00pm		CDPH Write On EDT Transmission? <input type="radio"/> Yes <input checked="" type="radio"/> No															
Ryan Cupo				Ryan Cupo				8/19/25		19:00		State System Number: _____ If "Y" please enter the Source Number(s) in the column above															
								8/20/25		10:29		CA Geotracker EDF Report? <input type="radio"/> Yes <input checked="" type="radio"/> No															
												Global ID: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Misc. Supplies: _____															



Corporate Laboratory
208 Mason Street, Ukiah CA 95482
707-468-0401 F) 707-468-5267
Email: clientservices@alpha-labs.com

ELAP Certifications
Ukiah 1551 / Dublin 2728 / Elk Grove

Bay Area Laboratory
262 Rickenbacker Circle, Livermore CA 94551
925-828-6226 F) 925-828-6309

Central Valley Laboratory
9090 Union Park Way #113, Elk Grove CA 95624
916-686-5190 F) 916-686-5192

Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 2543289 Pg 43 of 43

Signature below authorizes work under terms stated on reverse side.

Report to		Invoice to (if different)		Project Information												Analysis Request												TAT		Temp upon Receipt °C																																																																																	
Company/Client Name: Round Valley County Water District		Contact:		Project ID:				<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																																																																				Standard 10 days <input type="radio"/>		Ukiah temp:	
Attn: Lourance Hall		Email address:		Project No:				RUSH: 5 days <input checked="" type="radio"/>		Lab preapproval required		Petaluma temp: 3.1																																																																																																			
Mailing Address: PO Box 535 Covelo, CA 95428		Address:		PO Number:				48 hours <input type="radio"/>				Elk Grove temp:																																																																																																			
Phone/Fax: (707)972-3637		Phone/Fax:						Other: _ days <input type="radio"/>																																																																																																							
Email Address: rvcwdmanager@gmail.com & rvcwdprojects@gmail.com																																																																																																															
Field Sampler - Printed Name & Signature: <i>Lourance Hall</i> <i>Romanee Zee</i>				Container			Preservative			Matrix			Total Number of Containers		Basic Well Package		Sample Notes or CDPH Source Numbers:																																																																																														
Sample Identification (Ex: Well Head, Kitchen Sink)		Sampling Date Time		40ml Vial	Poly	Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other							None	Water	Soil	Other																																																																																									
ISC		8/19 4:45															3	X																																																																																													
3SC		4:52															3	X																																																																																													
1HR		5:23															3	X																																																																																													
2EL		5:40															3	X																																																																																													
																		X																																																																																													
																		X																																																																																													
																		X																																																																																													
																		X																																																																																													
Relinquished by <i>Romanee Zee</i>		Received by <i>Ryan Crawford</i>				Date 8/19/25 17:00		Time 19:00		CDPH Write On EDT Transmission? <input type="radio"/> Yes <input checked="" type="radio"/> No																																																																																																					
<i>Ryan Crawford</i>						8/19/25 19:00				State System Number: _____ If "Y" please enter the Source Number(s) in the column above																																																																																																					
						8/20/25 10:29				CA Geotracker EDF Report? <input type="radio"/> Yes <input checked="" type="radio"/> No																																																																																																					
										Global ID: _____ Sampling Company Log Code: _____																																																																																																					
										EDF to (Email Address): _____																																																																																																					
										Travel and Site Time: _____ Mileage: _____ Misc. Supplies: _____																																																																																																					



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

28 August 2025

Round Valley CWD

Attn: Round Valley CWD

BOX 535

Covelo, CA 95428

RE: Water Quality

Work Order: 25H3476

Enclosed are the results of analyses for samples received by the laboratory on 08/21/25 09:14. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen F. McWeeney

Project Manager



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 09:50

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 980 Park Center Drive Suite C | Vista, CA 92081 | 760-536-3352 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3MS	25H3476-01	Water	08/20/25 17:15	08/21/25 09:14
1BL	25H3476-02	Water	08/20/25 15:06	08/21/25 09:14
22PR	25H3476-03	Water	08/20/25 12:30	08/21/25 09:14
5MR	25H3476-04	Water	08/20/25 15:00	08/21/25 09:14
4FB	25H3476-05	Water	08/20/25 18:14	08/21/25 09:14
1HS	25H3476-06	Water	08/20/25 17:05	08/21/25 09:14
20LS	25H3476-07	Water	08/20/25 14:30	08/21/25 09:14
19HR	25H3476-08	Water	08/20/25 12:20	08/21/25 09:14
4BL	25H3476-09	Water	08/20/25 15:38	08/21/25 09:14
3MP	25H3476-10	Water	08/20/25 16:30	08/21/25 09:14
6EL	25H3476-11	Water	08/20/25 18:51	08/21/25 09:14
2BL	25H3476-12	Water	08/20/25 15:18	08/21/25 09:14
16FB	25H3476-13	Water	08/20/25 12:30	08/21/25 09:14
23PR	25H3476-14	Water	08/20/25 12:30	08/21/25 09:14
24EL	25H3476-15	Water	08/20/25 13:45	08/21/25 09:14
5FB	25H3476-16	Water	08/20/25 18:30	08/21/25 09:14
6BL	25H3476-17	Water	08/20/25 17:04	08/21/25 09:14
4BM	25H3476-18	Water	08/20/25 08:45	08/21/25 09:14
2MR	25H3476-19	Water	08/20/25 15:58	08/21/25 09:14
3BL	25H3476-20	Water	08/20/25 15:32	08/21/25 09:14
18HR	25H3476-21	Water	08/20/25 12:20	08/21/25 09:14
17HR	25H3476-22	Water	08/20/25 12:45	08/21/25 09:14
4HS	25H3476-23	Water	08/20/25 14:30	08/21/25 09:14

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 09:50

6FB

25H3476-24

Water

08/20/25 12:30

08/21/25 09:14



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD BOX 535 Covelo, CA 95428	Project Manager: Round Valley CWD Project: Water Quality Project Number: [none]	Reported: 08/28/25 09:50
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
3MS (25H3476-01)			Sample Type: Water			Sampled: 08/20/25 17:15				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 13:57	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	0.99	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 13:47	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
1BL (25H3476-02)			Sample Type: Water			Sampled: 08/20/25 15:06				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	4.5	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:01	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	0.54	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 13:59	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	43	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
22PR (25H3476-03)			Sample Type: Water			Sampled: 08/20/25 12:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:12	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
22PR (25H3476-03)			Sample Type: Water			Sampled: 08/20/25 12:30				
Anions by EPA Method 300.0										
Nitrate as N	0.99	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 14:12	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
5MR (25H3476-04)			Sample Type: Water			Sampled: 08/20/25 15:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:16	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 14:24	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	>2419.6	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
4FB (25H3476-05)			Sample Type: Water			Sampled: 08/20/25 18:14				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:20	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
4FB (25H3476-05)			Sample Type: Water			Sampled: 08/20/25 18:14				
Anions by EPA Method 300.0										
Nitrate as N	2.1	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 14:37	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
1HS (25H3476-06)			Sample Type: Water			Sampled: 08/20/25 17:05				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:24	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	1.1	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 15:02	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
20LS (25H3476-07)			Sample Type: Water			Sampled: 08/20/25 14:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:28	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
20LS (25H3476-07)										
			Sample Type: Water			Sampled: 08/20/25 14:30				
Anions by EPA Method 300.0										
Nitrate as N	1.6	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 15:15	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
19HR (25H3476-08)										
			Sample Type: Water			Sampled: 08/20/25 12:20				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	120	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:31	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	0.84	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 15:28	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	1.0	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
4BL (25H3476-09)										
			Sample Type: Water			Sampled: 08/20/25 15:38				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	56	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:35	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
4BL (25H3476-09)			Sample Type: Water			Sampled: 08/20/25 15:38				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 15:40	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
3MP (25H3476-10)			Sample Type: Water			Sampled: 08/20/25 16:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54745	08/22/25 08:59	08/22/25 14:39	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 15:53	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	>2419.6	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
6EL (25H3476-11)			Sample Type: Water			Sampled: 08/20/25 18:51				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 16:47	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
6EL (25H3476-11)			Sample Type: Water			Sampled: 08/20/25 18:51				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 16:05	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
2BL (25H3476-12)			Sample Type: Water			Sampled: 08/20/25 15:18				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	11	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 16:50	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 16:18	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	16	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
16FB (25H3476-13)			Sample Type: Water			Sampled: 08/20/25 12:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 16:54	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
16FB (25H3476-13)		Sample Type: Water		Sampled: 08/20/25 12:30						
Anions by EPA Method 300.0										
Nitrate as N	1.6	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 16:31	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
23PR (25H3476-14)		Sample Type: Water		Sampled: 08/20/25 12:30						
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 16:58	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	1.0	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 16:43	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	4.1	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
24EL (25H3476-15)		Sample Type: Water		Sampled: 08/20/25 13:45						
Metals by EPA Method 200.8 ICP/MS										
Arsenic	6.9	ug/L	2.0	1	AH54731	08/22/25 07:53	08/25/25 16:00	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
24EL (25H3476-15)			Sample Type: Water			Sampled: 08/20/25 13:45				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 16:56	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	3.1	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
5FB (25H3476-16)			Sample Type: Water			Sampled: 08/20/25 18:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:02	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	1.1	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 17:21	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	150	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
6BL (25H3476-17)			Sample Type: Water			Sampled: 08/20/25 17:04				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54731	08/22/25 07:53	08/25/25 16:04	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
6BL (25H3476-17)										
Sample Type: Water										
Sampled: 08/20/25 17:04										
Anions by EPA Method 300.0										
Nitrate as N	2.7	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 17:34	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
4BM (25H3476-18)										
Sample Type: Water										
Sampled: 08/20/25 08:45										
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:06	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54673	08/21/25 11:00	08/21/25 17:46	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	1600	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	2.0	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
2MR (25H3476-19)										
Sample Type: Water										
Sampled: 08/20/25 15:58										
Metals by EPA Method 200.8 ICP/MS										
Arsenic	5.1	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:10	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD BOX 535 Covelo, CA 95428	Project Manager: Round Valley CWD Project: Water Quality Project Number: [none]	Reported: 08/28/25 09:50
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
2MR (25H3476-19)			Sample Type: Water			Sampled: 08/20/25 15:58				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54674	08/21/25 11:03	08/21/25 19:15	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	7.4	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
3BL (25H3476-20)			Sample Type: Water			Sampled: 08/20/25 15:32				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	130	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:13	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54674	08/21/25 11:03	08/21/25 19:40	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
18HR (25H3476-21)			Sample Type: Water			Sampled: 08/20/25 12:20				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	140	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:25	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
18HR (25H3476-21)			Sample Type: Water			Sampled: 08/20/25 12:20				
Anions by EPA Method 300.0										
Nitrate as N	0.58	mg/L	0.40	1	AH54674	08/21/25 11:03	08/21/25 19:53	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	84	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
17HR (25H3476-22)			Sample Type: Water			Sampled: 08/20/25 12:45				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	19	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:29	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH54674	08/21/25 11:03	08/21/25 20:05	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	51	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
4HS (25H3476-23)			Sample Type: Water			Sampled: 08/20/25 14:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:33	2303	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 08/28/25 09:50

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
4HS (25H3476-23)			Sample Type: Water			Sampled: 08/20/25 14:30				
Anions by EPA Method 300.0										
Nitrate as N	2.0	mg/L	0.40	1	AH54674	08/21/25 11:03	08/21/25 20:18	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
6FB (25H3476-24)			Sample Type: Water			Sampled: 08/20/25 12:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH54883	08/25/25 09:53	08/25/25 17:37	2303	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	2.6	mg/L	0.40	1	AH54674	08/21/25 11:03	08/21/25 20:31	2303	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	4.1	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH54696	08/21/25 14:40	08/22/25 16:40	2303	SM9223B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
08/28/25 09:50

Notes and Definitions

>2419.6 >2419.6

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.

Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 25H3476 Pg 2 of 3

Report to		Invoice to (if different)		Project Information		Signature below authorizes work under terms stated on reverse side.																																																																																																																																																																																																																																																																																																																																																						
Company/Client Name: <u>Round Valley Water Dist</u>		Contact:		Project ID:		<table border="1"> <thead> <tr> <th colspan="10">Analysis Request</th> <th>TAT</th> <th>Temp upon Receipt °C</th> </tr> <tr> <td colspan="10" rowspan="3"></td> <td>Standard 10 days</td> <td>Ukiah temp: <u>Petaluma</u> 9.1</td> </tr> <tr> <td>RUSH: 5 days <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> Other: ____ days <input type="checkbox"/></td> <td>Dublin temp:</td> </tr> <tr> <td>Lab preapproval required</td> <td>Elk Grove temp:</td> </tr> <tr> <td colspan="12">Sample Notes or CDPH Source Numbers:</td> </tr> </thead> <tbody> <tr> <td colspan="2">Attn: <u>Louance Hall</u></td> <td colspan="2">Email address:</td> <td colspan="2">Project No:</td> <td colspan="12" rowspan="3"> <table border="1"> <thead> <tr> <th colspan="2">Sample Identification</th> <th colspan="2">Sampling</th> <th colspan="3">Container</th> <th colspan="3">Preservative</th> <th colspan="3">Matrix</th> <th rowspan="2">Total Number of Containers</th> </tr> <tr> <th>(Ex: Well Head, Kitchen Sink)</th> <th></th> <th>Date</th> <th>Time</th> <th>40ml Vial</th> <th>Poly</th> <th>Glass</th> <th>Sleeve</th> <th>Other</th> <th>HCl</th> <th>HNO3</th> <th>H2SO4</th> <th>Other</th> <th>None</th> <th>Water</th> <th>Soil</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td><u>6 EL</u></td> <td></td> <td><u>8/20</u></td> <td><u>10:57am</u></td> <td></td> <td><u>Basic Well</u></td> </tr> <tr> <td><u>2 BL</u></td> <td></td> <td></td> <td><u>3:18pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>16 FB</u></td> <td></td> <td></td> <td><u>12:30pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>23 PR</u></td> <td></td> <td></td> <td><u>12:30pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>24 EL</u></td> <td></td> <td></td> <td><u>1:45pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>5 FB</u></td> <td></td> <td></td> <td><u>6:24pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>6 BL</u></td> <td></td> <td></td> <td><u>5:04</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>4 BM</u></td> <td></td> <td></td> <td><u>8:45am</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>2 MR</u></td> <td></td> <td></td> <td><u>3:58pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>3 BL</u></td> <td></td> <td></td> <td><u>3:32pm</u></td> <td></td> <td><u>X</u></td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="2">Mailing Address: <u>PO Box 535</u> <u>Covelo, CA 95428</u></td> <td colspan="2">Address:</td> <td colspan="2">PO Number:</td> <td colspan="12" rowspan="2"> <p>Field Sampler - Printed Name & Signature: <u>Louance Hall</u> <i>Louance Hall</i></p> </td> </tr> <tr> <td colspan="2">Phone/Fax: <u>707-972-3637</u></td> <td colspan="2">Phone/Fax:</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Email Address: <u>rvcdmanager@gmail.com</u></td> <td colspan="2"></td> <td colspan="2"><u>rvcdproject@gmail.com</u></td> <td colspan="12"></td> </tr> <tr> <td colspan="2">Relinquished by: <u>Louance Hall</u></td> <td colspan="2">Received by: <u>[Signature]</u></td> <td colspan="2">Date <u>8/21/05</u></td> <td colspan="2">Time <u>9:14</u></td> <td colspan="12"> GPDH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No State System Number: _____ If "Y" please enter the Source Number(s) in the column above CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No Global ID: _____ EDF to (Email Address): _____ Sampling Company Log Code: _____ </td> </tr> </tbody></table>												Analysis Request										TAT	Temp upon Receipt °C											Standard 10 days	Ukiah temp: <u>Petaluma</u> 9.1	RUSH: 5 days <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> Other: ____ days <input type="checkbox"/>	Dublin temp:	Lab preapproval required	Elk Grove temp:	Sample Notes or CDPH Source Numbers:												Attn: <u>Louance Hall</u>		Email address:		Project No:		<table border="1"> <thead> <tr> <th colspan="2">Sample Identification</th> <th colspan="2">Sampling</th> <th colspan="3">Container</th> <th colspan="3">Preservative</th> <th colspan="3">Matrix</th> <th rowspan="2">Total Number of Containers</th> </tr> <tr> <th>(Ex: Well Head, Kitchen Sink)</th> <th></th> <th>Date</th> <th>Time</th> <th>40ml Vial</th> <th>Poly</th> <th>Glass</th> <th>Sleeve</th> <th>Other</th> <th>HCl</th> <th>HNO3</th> <th>H2SO4</th> <th>Other</th> <th>None</th> <th>Water</th> <th>Soil</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td><u>6 EL</u></td> <td></td> <td><u>8/20</u></td> <td><u>10:57am</u></td> <td></td> <td><u>Basic Well</u></td> </tr> <tr> <td><u>2 BL</u></td> <td></td> <td></td> <td><u>3:18pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>16 FB</u></td> <td></td> <td></td> <td><u>12:30pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>23 PR</u></td> <td></td> <td></td> <td><u>12:30pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>24 EL</u></td> <td></td> <td></td> <td><u>1:45pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>5 FB</u></td> <td></td> <td></td> <td><u>6:24pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>6 BL</u></td> <td></td> <td></td> <td><u>5:04</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>4 BM</u></td> <td></td> <td></td> <td><u>8:45am</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>2 MR</u></td> <td></td> <td></td> <td><u>3:58pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>3 BL</u></td> <td></td> <td></td> <td><u>3:32pm</u></td> <td></td> <td><u>X</u></td> </tr> </tbody> </table>												Sample Identification		Sampling		Container			Preservative			Matrix			Total Number of Containers	(Ex: Well Head, Kitchen Sink)		Date	Time	40ml Vial	Poly	Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other	None	Water	Soil	Other	<u>6 EL</u>		<u>8/20</u>	<u>10:57am</u>														<u>Basic Well</u>	<u>2 BL</u>			<u>3:18pm</u>														<u>X</u>	<u>16 FB</u>			<u>12:30pm</u>														<u>X</u>	<u>23 PR</u>			<u>12:30pm</u>														<u>X</u>	<u>24 EL</u>			<u>1:45pm</u>														<u>X</u>	<u>5 FB</u>			<u>6:24pm</u>														<u>X</u>	<u>6 BL</u>			<u>5:04</u>														<u>X</u>	<u>4 BM</u>			<u>8:45am</u>														<u>X</u>	<u>2 MR</u>			<u>3:58pm</u>														<u>X</u>	<u>3 BL</u>			<u>3:32pm</u>														<u>X</u>	Mailing Address: <u>PO Box 535</u> <u>Covelo, CA 95428</u>		Address:		PO Number:		<p>Field Sampler - Printed Name & Signature: <u>Louance Hall</u> <i>Louance Hall</i></p>												Phone/Fax: <u>707-972-3637</u>		Phone/Fax:				Email Address: <u>rvcdmanager@gmail.com</u>				<u>rvcdproject@gmail.com</u>														Relinquished by: <u>Louance Hall</u>		Received by: <u>[Signature]</u>		Date <u>8/21/05</u>		Time <u>9:14</u>		GPDH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No State System Number: _____ If "Y" please enter the Source Number(s) in the column above CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No Global ID: _____ EDF to (Email Address): _____ Sampling Company Log Code: _____											
Analysis Request																		TAT	Temp upon Receipt °C																																																																																																																																																																																																																																																																																																																																									
																		Standard 10 days	Ukiah temp: <u>Petaluma</u> 9.1																																																																																																																																																																																																																																																																																																																																									
																		RUSH: 5 days <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> Other: ____ days <input type="checkbox"/>	Dublin temp:																																																																																																																																																																																																																																																																																																																																									
										Lab preapproval required	Elk Grove temp:																																																																																																																																																																																																																																																																																																																																																	
Sample Notes or CDPH Source Numbers:																																																																																																																																																																																																																																																																																																																																																												
Attn: <u>Louance Hall</u>		Email address:		Project No:		<table border="1"> <thead> <tr> <th colspan="2">Sample Identification</th> <th colspan="2">Sampling</th> <th colspan="3">Container</th> <th colspan="3">Preservative</th> <th colspan="3">Matrix</th> <th rowspan="2">Total Number of Containers</th> </tr> <tr> <th>(Ex: Well Head, Kitchen Sink)</th> <th></th> <th>Date</th> <th>Time</th> <th>40ml Vial</th> <th>Poly</th> <th>Glass</th> <th>Sleeve</th> <th>Other</th> <th>HCl</th> <th>HNO3</th> <th>H2SO4</th> <th>Other</th> <th>None</th> <th>Water</th> <th>Soil</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td><u>6 EL</u></td> <td></td> <td><u>8/20</u></td> <td><u>10:57am</u></td> <td></td> <td><u>Basic Well</u></td> </tr> <tr> <td><u>2 BL</u></td> <td></td> <td></td> <td><u>3:18pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>16 FB</u></td> <td></td> <td></td> <td><u>12:30pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>23 PR</u></td> <td></td> <td></td> <td><u>12:30pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>24 EL</u></td> <td></td> <td></td> <td><u>1:45pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>5 FB</u></td> <td></td> <td></td> <td><u>6:24pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>6 BL</u></td> <td></td> <td></td> <td><u>5:04</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>4 BM</u></td> <td></td> <td></td> <td><u>8:45am</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>2 MR</u></td> <td></td> <td></td> <td><u>3:58pm</u></td> <td></td> <td><u>X</u></td> </tr> <tr> <td><u>3 BL</u></td> <td></td> <td></td> <td><u>3:32pm</u></td> <td></td> <td><u>X</u></td> </tr> </tbody> </table>												Sample Identification		Sampling		Container			Preservative			Matrix			Total Number of Containers	(Ex: Well Head, Kitchen Sink)		Date	Time	40ml Vial	Poly	Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other	None	Water	Soil	Other	<u>6 EL</u>		<u>8/20</u>	<u>10:57am</u>														<u>Basic Well</u>	<u>2 BL</u>			<u>3:18pm</u>														<u>X</u>	<u>16 FB</u>			<u>12:30pm</u>														<u>X</u>	<u>23 PR</u>			<u>12:30pm</u>														<u>X</u>	<u>24 EL</u>			<u>1:45pm</u>														<u>X</u>	<u>5 FB</u>			<u>6:24pm</u>														<u>X</u>	<u>6 BL</u>			<u>5:04</u>														<u>X</u>	<u>4 BM</u>			<u>8:45am</u>														<u>X</u>	<u>2 MR</u>			<u>3:58pm</u>														<u>X</u>	<u>3 BL</u>			<u>3:32pm</u>														<u>X</u>																																																																																																																								
Sample Identification		Sampling		Container														Preservative			Matrix			Total Number of Containers																																																																																																																																																																																																																																																																																																																																				
(Ex: Well Head, Kitchen Sink)		Date	Time	40ml Vial	Poly													Glass	Sleeve	Other	HCl	HNO3	H2SO4		Other	None	Water	Soil	Other																																																																																																																																																																																																																																																																																																																															
<u>6 EL</u>		<u>8/20</u>	<u>10:57am</u>														<u>Basic Well</u>																																																																																																																																																																																																																																																																																																																																											
<u>2 BL</u>			<u>3:18pm</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>16 FB</u>			<u>12:30pm</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>23 PR</u>			<u>12:30pm</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>24 EL</u>			<u>1:45pm</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>5 FB</u>			<u>6:24pm</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>6 BL</u>			<u>5:04</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>4 BM</u>			<u>8:45am</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>2 MR</u>			<u>3:58pm</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
<u>3 BL</u>			<u>3:32pm</u>														<u>X</u>																																																																																																																																																																																																																																																																																																																																											
Mailing Address: <u>PO Box 535</u> <u>Covelo, CA 95428</u>		Address:		PO Number:		<p>Field Sampler - Printed Name & Signature: <u>Louance Hall</u> <i>Louance Hall</i></p>																																																																																																																																																																																																																																																																																																																																																						
Phone/Fax: <u>707-972-3637</u>		Phone/Fax:																																																																																																																																																																																																																																																																																																																																																										
Email Address: <u>rvcdmanager@gmail.com</u>				<u>rvcdproject@gmail.com</u>																																																																																																																																																																																																																																																																																																																																																								
Relinquished by: <u>Louance Hall</u>		Received by: <u>[Signature]</u>		Date <u>8/21/05</u>		Time <u>9:14</u>		GPDH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No State System Number: _____ If "Y" please enter the Source Number(s) in the column above CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No Global ID: _____ EDF to (Email Address): _____ Sampling Company Log Code: _____																																																																																																																																																																																																																																																																																																																																																				



Corporate Laboratory
208 Mason Street, Ukiah CA 95482
707-468-0401 F) 707-468-5267
Email: clientservices@alpha-labs.com

ELAP Certifications
Ukiah 1551 / Dublin 2728 / Elk Grove

Bay Area Laboratory
262 Rickenbacker Circle, Livermore CA 94551
925-828-6226 F) 925-828-8309

Central Valley Laboratory
9090 Union Park Way #113, Elk Grove CA 95624
916-686-5190 F) 916-686-5192

Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 25H3476 Pg 3 of 3

Report to		Invoice to (if different)		Project Information		Signature below authorizes work under terms stated on reverse side.													
Company/Client Name:		Contact:		Project ID:		Analysis Request													
Attn:		Email address:		Project No:												TAT		Temp upon Receipt °C	
Mailing Address:		Address:		PO Number:												Standard		Ukiah temp:	
Phone/Fax:		Phone/Fax:														10 days		Petaluma	
Email Address:								RUSH:		Dublin temp:									
Field Sampler - Printed Name & Signature:								5 days		Elk Grove temp:									
Sample Identification		Sampling		Container		Preservative		Matrix		Lab preapproval required									
(Ex: Well Head, Kitchen Sink)		Date	Time	40ml Vial	Poly	Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other	None	Water	Soil	Other	Total Number of Containers	Sample Notes or CDPH Source Numbers:	
Lorraine Hill																	25X Basic Well		
Lorraine Hill																			
18 HR		8/20	12:20pm																
17 HR			12:45pm																
4 HS			2:30pm																
6 FB			12:30pm																
Relinquished by		Received by		Date	Time	CDPH Write On EDT Transmission?		State System Number:		If "Y" please enter the Source Number(s) in the column above		CA Geotracker EDF Report?		Global ID:		EDF to (Email Address):		Sampling Company Log Code:	
Lorraine Hill		[Signature]		8/20/06	9:14	Yes <input type="radio"/> No <input type="radio"/>						Yes <input type="radio"/> No <input type="radio"/>							



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

04 September 2025

Round Valley CWD

Attn: Round Valley CWD

BOX 535

Covelo, CA 95428

RE: Water Quality

Work Order: 25H4565

Enclosed are the results of analyses for samples received by the laboratory on 08/28/25 13:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen F. McWeeney

Project Manager



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
09/04/25 09:00

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 980 Park Center Drive Suite C | Vista, CA 92081 | 760-536-3352 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
4MP	25H4565-01	Water	08/27/25 15:00	08/28/25 13:45
5BL	25H4565-02	Water	08/27/25 15:19	08/28/25 13:45
6R	25H4565-03	Water	08/27/25 16:06	08/28/25 13:45
4MR	25H4565-04	Water	08/27/25 18:15	08/28/25 13:45
6MR	25H4565-05	Water	08/27/25 18:28	08/28/25 13:45
12HL	25H4565-06	Water	08/27/25 19:06	08/28/25 13:45
2PR	25H4565-07	Water	08/28/25 08:46	08/28/25 13:45
4HR	25H4565-08	Water	08/28/25 09:20	08/28/25 13:45
2HR	25H4565-09	Water	08/28/25 07:39	08/28/25 13:45
1MR	25H4565-10	Water	08/28/25 10:02	08/28/25 13:45
7BL	25H4565-11	Water	08/28/25 10:40	08/28/25 13:45
9EL	25H4565-12	Water	08/28/25 10:56	08/28/25 13:45
11AR	25H4565-13	Water	08/28/25 11:13	08/28/25 13:45
13AR	25H4565-14	Water	08/28/25 11:22	08/28/25 13:45
1PR	25H4565-15	Water	08/28/25 10:30	08/28/25 13:45
3PR	25H4565-16	Water	08/28/25 10:35	08/28/25 13:45
6MS	25H4565-17	Water	08/28/25 11:45	08/28/25 13:45

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD BOX 535 Covelo, CA 95428	Project Manager: Round Valley CWD Project: Water Quality Project Number: [none]	Reported: 09/04/25 09:00
---	---	-----------------------------

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
4MP (25H4565-01)			Sample Type: Water			Sampled: 08/27/25 15:00				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	33	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:20	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 10:27	08/29/25 10:27	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
5BL (25H4565-02)			Sample Type: Water			Sampled: 08/27/25 15:19				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:25	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/28/25 21:37	08/28/25 21:37	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
6R (25H4565-03)			Sample Type: Water			Sampled: 08/27/25 16:06				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:30	1551	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 09/04/25 09:00

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
6R (25H4565-03)			Sample Type: Water			Sampled: 08/27/25 16:06				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/28/25 22:09	08/28/25 22:09	1551	EPA 300.0	
4MR (25H4565-04)			Sample Type: Water			Sampled: 08/27/25 18:15				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:34	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/28/25 22:42	08/28/25 22:42	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
6MR (25H4565-05)			Sample Type: Water			Sampled: 08/27/25 18:28				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:39	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/28/25 23:15	08/28/25 23:15	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	2.0	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
12HL (25H4565-06)			Sample Type: Water			Sampled: 08/27/25 19:06				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:44	1551	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 09/04/25 09:00

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
12HL (25H4565-06)			Sample Type: Water			Sampled: 08/27/25 19:06				
Anions by EPA Method 300.0										
Nitrate as N	1.7	mg/L	0.40	1	AH55241	08/29/25 00:21	08/29/25 00:21	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
2PR (25H4565-07)			Sample Type: Water			Sampled: 08/28/25 08:46				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:49	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 01:26	08/29/25 01:26	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	816.4	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
4HR (25H4565-08)			Sample Type: Water			Sampled: 08/28/25 09:20				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 20:54	1551	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 09/04/25 09:00

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
4HR (25H4565-08)			Sample Type: Water			Sampled: 08/28/25 09:20				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 01:59	08/29/25 01:59	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
2HR (25H4565-09)			Sample Type: Water			Sampled: 08/28/25 07:39				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	16	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 21:33	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	0.66	mg/L	0.40	1	AH55241	08/29/25 00:53	08/29/25 00:53	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
1MR (25H4565-10)			Sample Type: Water			Sampled: 08/28/25 10:02				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	2.9	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 21:37	1551	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 09/04/25 09:00

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
1MR (25H4565-10)			Sample Type: Water			Sampled: 08/28/25 10:02				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 02:31	08/29/25 02:31	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
7BL (25H4565-11)			Sample Type: Water			Sampled: 08/28/25 10:40				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 21:42	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 05:15	08/29/25 05:15	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
9EL (25H4565-12)			Sample Type: Water			Sampled: 08/28/25 10:56				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	3.4	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 21:47	1551	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 09/04/25 09:00

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
9EL (25H4565-12)			Sample Type: Water			Sampled: 08/28/25 10:56				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 03:37	08/29/25 03:37	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
11AR (25H4565-13)			Sample Type: Water			Sampled: 08/28/25 11:13				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 21:52	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	4.8	mg/L	0.40	1	AH55241	08/29/25 06:53	08/29/25 06:53	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	193.5	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
13AR (25H4565-14)			Sample Type: Water			Sampled: 08/28/25 11:22				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 21:57	1551	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 09/04/25 09:00

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
13AR (25H4565-14)			Sample Type: Water			Sampled: 08/28/25 11:22				
Anions by EPA Method 300.0										
Nitrate as N	4.9	mg/L	0.40	1	AH55241	08/29/25 08:32	08/29/25 08:32	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	161.6	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
1PR (25H4565-15)			Sample Type: Water			Sampled: 08/28/25 10:30				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 22:02	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 04:09	08/29/25 04:09	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	21.8	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
3PR (25H4565-16)			Sample Type: Water			Sampled: 08/28/25 10:35				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 22:07	1551	EPA 200.8	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
 BOX 535
 Covelo, CA 95428

Project Manager: Round Valley CWD
 Project: Water Quality
 Project Number: [none]

Reported:
 09/04/25 09:00

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
3PR (25H4565-16)			Sample Type: Water			Sampled: 08/28/25 10:35				
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 04:42	08/29/25 04:42	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
6MS (25H4565-17)			Sample Type: Water			Sampled: 08/28/25 11:45				
Metals by EPA Method 200.8 ICP/MS										
Arsenic	ND	ug/L	2.0	1	AH55189	08/28/25 15:19	08/29/25 22:11	1551	EPA 200.8	
Anions by EPA Method 300.0										
Nitrate as N	ND	mg/L	0.40	1	AH55241	08/29/25 05:48	08/29/25 05:48	1551	EPA 300.0	
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	1299.7	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	
E. Coli	ND	MPN/100mL	1.0	1	AH55376	08/28/25 15:00	08/29/25 15:15	1551	SM9223B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Round Valley CWD
BOX 535
Covelo, CA 95428

Project Manager: Round Valley CWD
Project: Water Quality
Project Number: [none]

Reported:
09/04/25 09:00

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.

Re: Emailing: Image.PDF

From Stephen McWeeney <stephen@alpha-labs.com>
Date Thu 8/28/2025 3:17 PM
To Jesse Ramsey <jramsey@alpha-labs.com>

Please cancel just the bacteria and I'll let the client know.

From: Jesse Ramsey <jramsey@alpha-labs.com>
Sent: Thursday, August 28, 2025 3:13 PM
To: Stephen McWeeney <stephen@alpha-labs.com>
Subject: Emailing: Image.PDF

Hey Stephen,

For workorder 25H4565-03 the bacteria bottle is too low on volume to run a quantitray.

Please advise.

Thank you.

Jesse L. Ramsey
Sample Control
Alpha Analytical Laboratory
Ukiah CA, 95482
(707) 468-0401
EX:203
jramsey@alpha-labs.com

Please Note: Our Ukiah location has a sample receiving cut-off time of 4pm Monday-Thursday, and 12pm on Friday. Sample drop-offs after business hours must have prior approval. Samples are not accepted on the weekend or holidays. We thank you for your cooperation.

Appendix D

Permits



COUNTY OF MENDOCINO

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

ENCROACHMENT PERMIT

July 23, 2025

Permit No. **TU_2025-0019**

Version 3

Permit Fee: \$531

Surety: \$0

In compliance with your request received 3/12/2025 and subject to the terms, conditions, and restrictions stated below or contained in the General Provisions, Exhibit "A", Exhibit "B", and Traffic Control Plan attached to and made a part of this permit;

PERMISSION IS HEREBY GRANTED TO THE FOLLOWING APPLICANT AND PERMITTEE:

GARY SODEN
555 B WEST COLLEGE AVE
SANTA ROSA, CA 95401

707-484-1506

ON BEHALF OF:

ROUND VALLEY COUNTY WATER DISTRICT
P.O. BOX 535
COVELO, CA 95428

707-405-0023

THE CONTRACTOR OF RECORD TO PERFORM THE WORK AND MAINTENANCE:

CLEAR HEART DRILLING,
555 B WEST COLLEGE AVE
SANTA ROSA, CA 95401

707-568-6095

TO CONSTRUCT THE FOLLOWING IMPROVEMENT OR OTHERWISE ENCROACH UPON A COUNTY PUBLIC ROAD RIGHT OF WAY:

This permit is to serve multiple locations in Covelo, California. PERMITTEE / CONTRACTOR is authorized to construct and maintain groundwater monitoring wells in accordance with plans given and dated Feb 25, 2025, and perform routine monitoring within the County right of way according to the stipulations attached to and made a part of the permit, or as modified by FIELD REVIEW. Any future improvements will require a new permit.

IMPORTANT PERMIT REQUIREMENTS

- PERMITTEE is required to notify the County at least 48 hours prior to beginning any work under this permit.
- A copy of this permit is required to be on site at all times during construction for inspection by law enforcement, County employees, or other authorities.
- PERMITTEE is required to notify the County to schedule a final inspection when the work has been completed.
- Call **707-234-2847** to give notifications and schedule final inspection.

FIELD REVIEW:

- In the event of necessity for modification of County Road, PERMITTEE shall destroy the monitoring wells within 180 days following the notice of necessity for modification of County Road location or status. The destruction of the monitoring well shall be in accordance with all state and local regulations. PERMITTEE shall reasonably restore premises to condition prior to installation of the monitoring well. All costs to relocate and/or to destroy the well are the responsibility of the PERMITTEE.
- Proper Traffic control shall be implemented in accordance with the MUTCD during construction and any routine access.
- Locations of monitoring wells shall be

RVCWD-17 at	39.82444N,	123.27650W,	
RVCWD-18 at	39.82592N,	123.25279W,	
RVCWD-19 at	39.81558N,	123.26327W,	
RVCWD-20 at	39.81696N,	123.24845W,	
RVCWD-21 at	39.81563N,	123.20439W,	
RVCWD-22 at	39.80591N,	123.22927W,	(abandoned)
RVCWD-23 at	39.79458N,	123.22075W,	(abandoned)
RVCWD-24 at	39.79446N,	123.20064W,	
RVCWD-25 at	39.78052N,	123.25030W,	
RVCWD-26 at	39.77989N,	123.21045W,	
RVCWD-27 at	39.75868N,	123.24737W,	
RVCWD-28 at	39.75676N,	123.21072W,	
RVCWD-29 at	39.80248N,	123.25867W,	

as listed in Application and plans dated February 25th, 2025, and edits made 5/15/2025. The second edits made 7/23/2025 based on email sent 7/16/2025
- Upon removal of monitoring wells, PERMITTEE shall restore the road according to Standard Drawings No. A60A, A60B, and A60C, Exhibit "A" and Exhibit "B."
- If utility lines are encountered during excavation, there must be a minimum of 12 inches of sand cover over the utility prior to placing slurry for backfill.

STIPULATIONS: *Field Review modifications supersede standard stipulations.*

All work shall be done in accordance with the General Provisions, applicable Standard Drawings, Exhibit "A", Exhibit "B", approved Water Pollution Control Plan and/or Special Provisions, and Traffic Control Plan attached hereto.

As required by paragraph No. 27 of the attached Exhibit "A" the amount of surety for work authorized by this permit shall be \$0.

All traffic control shall conform to the Caltrans California Manual on Uniform Traffic Control Devices (California MUTCD) 2014 edition. Copies of the California MUTCD are available online at:

<https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files>

All persons engaged in traffic control shall be ATSSA certified flaggers.

NOTICE: The Government Code of the State of California requires that except in an emergency, every person planning to conduct any excavation shall contact the appropriate regional notification center, at least two (2) working days, but not more than fourteen (14) calendar days, prior to commencing that excavation, if the excavation will be conducted in an area which is known, or reasonably should be known, to contain subsurface installations. The appropriate regional notification center for Mendocino County is:

USA North: DIAL 8-1-1

This permit is issued for only that portion of the planned construction that may lie within the county road right of way. PERMITTEE, by exercising the rights granted herein, accepts full responsibility to determine whether or not the planning construction is within the said right of way.

This permit does not relieve PERMITTEE from the responsibility of obtaining all applicable permits and/or licenses as may be required from other public agencies and/or commissions. Failure by PERMITTEE to secure all necessary and applicable permits and/or licenses in connection with the work or activity herein authorized shall nullify this permit.

This permit authorizes no work, improvement, or encroachment other than that specifically described hereon.

Pursuant to Streets and Highways Code Section 1463 this PERMIT is revocable on five days' notice and the encroachment must be removed or relocated as may be specified by the road commissioner in the notice revoking the PERMIT and within a reasonable time specified by the road commissioner unless the permit provides a specified time.

The rainy season shall be designated as the period from October 15th through April 15th. PERMITTEE may be required to implement additional erosion and sediment control measures and be subject to increased inspection frequency for projects that are started and or completed during the rainy season.

PERMITTEE shall be responsible at PERMITTEE's expense to preserve street centerline, property line and corner markers, except where their destruction is unavoidable, and the PERMITTEE is proceeding in accordance with accepted practice and notice to the COUNTY. Lost or disturbed monuments shall be replaced at the PERMITTEE's expense by a professional licensed in California to practice land surveying. (see "Monuments," Section 8771, Land Surveyors Act, Division 3, Chapter 15 of the Business and Professions Code).

VALIDATION

HOWARD N. DASHIELL
Director of Transportation

By: 

Sebastian Rolfe
Engineering Technician I – Permits

CONSTRUCTION SHALL BE COMPLETED BY 3/31/2026.



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: _____ Phone: _____

Address: _____ RVCW-21 39.81579 -123.20459 _____ City: _____

Property Owner Address: _____

City: _____ State: _____ Zip: _____

APN: _____ Anticipated Drill Date: _____

MS4 Zone: Yes No

Work Information: Indicate below the total number of wells already existing on the site:

Domestic Water Wells _____ Monitoring Wells 2 of 12

Type of Work Proposed: Construction Destruction
Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:

Monitoring Wells 11 2 of 12 Cathodic Wells _____ Borings/hydropunches _____

Consultant and Contractor Information:

Consulting Firm: _____ Bus. Lic? Yes No

Address: _____ City: _____ Zip: _____

Contact Name and Email Address: _____ Phone #: _____

Driller/Contractor: _____ Bus. Lic? Yes No

C-57 License #: _____ Phone #: _____

Address: _____ City: _____ Zip: _____

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
- Submit written authorization(s) from the off-site property owner(s) for all off-site work.
- Complete the Site Plot Sketch according to the instructions on the back of this application.
- Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
- Schedule field work to commence after a permit has been issued.
- Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
- Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
- Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. (Final approval will not be given without the log(s) or sketch.)

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182260

Number: _____

Rec'd By: EB

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit. [Please call (707) 576-2220 for questions regarding work plan approval.]

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name: _____

Signature: Gary Soden

Date: _____

E-Mail Address: _____

Coastal Zone Approval:

(Signature) _____ Date: _____

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25
Health Officer's Signature Date

Final Approval By: _____
Health Officer's Signature Date

Date Boring and Well Logs Were Received: _____



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: _____ Phone: _____

Address: RVCW-18 39.82593 -123.25272 City: _____

Property Owner Address: _____

City: _____ State: _____ Zip: _____

APN: _____ Anticipated Drill Date: _____

MS4 Zone: Yes
No

Work Information: Indicate below the total number of wells already existing on the site:

Domestic Water Wells _____ Monitoring Wells 1 of 12

Type of Work Proposed: Construction Destruction
Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:

Monitoring Wells 11 **1 of 12** Cathodic Wells _____ Borings/hydropunches _____

Consultant and Contractor Information:

Consulting Firm: _____ Bus. Lic? Yes No

Address: _____ City: _____ Zip: _____

Contact Name and Email Address: _____ Phone #: _____

Driller/Contractor: _____ Bus. Lic? Yes No

C-57 License #: _____ Phone #: _____

Address: _____ City: _____ Zip: _____

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
- Submit written authorization(s) from the off-site property owner(s) for all off-site work.
- Complete the Site Plot Sketch according to the instructions on the back of this application.
- Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
- Schedule field work to commence after a permit has been issued.
- Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
- Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
- Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. **(Final approval will not be given without the log(s) or sketch.)**

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182271

Number: _____

Rec'd By: EB

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit. [Please call (707) 576-2220 for questions regarding work plan approval.]

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name: _____

Signature: Gary Soden

Date: _____

E-Mail Address: _____

Coastal Zone Approval:

(Signature) _____ Date: _____

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25
Health Officer's Signature Date

Final Approval By: _____
Health Officer's Signature Date

Date Boring and Well Logs Were Received: _____



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182262

Number: _____

Rec'd By: EB

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: _____ Phone: 0

Address: RVCWD-20 39.81694 -123.24843 City: _____

Property Owner Address: _____

City: _____ State: _____ Zip: _____

APN: _____ Anticipated Drill Date: _____

MS4 Zone: Yes [] No [] 5 of 12

Work Information: Indicate below the total number of wells already existing on the site:

Domestic Water Wells _____ Monitoring Wells _____

Type of Work Proposed: Construction [] Destruction [] Repair [] Alteration/Conversion []

Indicate below the total number of proposed wells or borings for each type listed:

Monitoring Wells 5 of 12 Cathodic Wells _____ Borings/hydropunches _____

Consultant and Contractor Information:

Consulting Firm: _____ Bus. Lic? Yes [] No []

Address: _____ City: _____ Zip: _____

Contact Name and Email Address: _____ Phone #: _____

Driller/Contractor: _____ Bus. Lic? Yes [] No []

C-57 License #: _____ Phone #: _____

Address: _____ City: _____ Zip: _____

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
Submit written authorization(s) from the off-site property owner(s) for all off-site work.
Complete the Site Plot Sketch according to the instructions on the back of this application.
Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
Schedule field work to commence after a permit has been issued.
Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. (Final approval will not be given without the log(s) or sketch.)

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit. [Please call (707) 576-2220 for questions regarding work plan approval.]

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name: _____

Signature: Gary Soden Date: _____

E-Mail Address: _____

Coastal Zone Approval:

(Signature) _____ Date: _____

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25 Health Officer's Signature Date

Final Approval By: _____ Health Officer's Signature Date

Date Boring and Well Logs Were Received: _____



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: _____ Phone: _____

Address: RVCW-23 39.79479 -123.23491 City: _____

Property Owner Address: _____

City: _____ State: _____ Zip: _____

APN: _____ Anticipated Drill Date: _____

MS4 Zone: Yes
No

Work Information: Indicate below the total number of wells already existing on the site:

Domestic Water Wells _____ Monitoring Wells 7 of 12

Type of Work Proposed: Construction Destruction
Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:

Monitoring Wells 7 of 12 Cathodic Wells _____ Borings/hydropunches _____

Consultant and Contractor Information:

Consulting Firm: _____ Bus. Lic? Yes
No

Address: _____ City: _____ Zip: _____

Contact Name and Email Address: _____ Phone #: _____

Driller/Contractor: _____ Bus. Lic? Yes
No

C-57 License #: _____ Phone #: _____

Address: _____ City: _____ Zip: _____

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
- Submit written authorization(s) from the off-site property owner(s) for all off-site work.
- Complete the Site Plot Sketch according to the instructions on the back of this application.
- Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
- Schedule field work to commence after a permit has been issued.
- Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
- Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
- Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. **(Final approval will not be given without the log(s) or sketch.)**

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182268

Number: _____

Rec'd By: EB

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit. [Please call (707) 576-2220 for questions regarding work plan approval.]

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name: _____

Signature: Gary Soden

Date: _____

E-Mail Address: _____

Coastal Zone Approval:

(Signature) _____ Date: _____

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25

Health Officer's Signature

Date

Final Approval By: _____

Health Officer's Signature

Date

Date Boring and Well Logs Were Received: _____



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: _____ Phone: _____

Address: RVCW-26 39.78011 -123.21044 City: _____

Property Owner Address: _____

City: _____ State: _____ Zip: _____

APN: _____ Anticipated Drill Date: _____

MS4 Zone: Yes
No

Work Information: Indicate below the total number of wells already existing on the site:
Domestic Water Wells _____ Monitoring Wells 10 of 12

Type of Work Proposed: Construction Destruction
Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:
Monitoring Wells 10 of 12 Cathodic Wells _____ Borings/hydropunches _____

Consultant and Contractor Information:
Bus. Lic? Yes
No

Consulting Firm: _____

Address: _____ City: _____ Zip: _____

Contact Name and Email Address: _____ Phone #: _____

Driller/Contractor: _____ Bus. Lic? Yes
No

C-57 License #: _____ Phone #: _____

Address: _____ City: _____ Zip: _____

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
- Submit written authorization(s) from the off-site property owner(s) for all off-site work.
- Complete the Site Plot Sketch according to the instructions on the back of this application.
- Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
- Schedule field work to commence after a permit has been issued.
- Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
- Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
- Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. (Final approval will not be given without the log(s) or sketch.)

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182264

Number: _____

Rec'd By: EB

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit. [Please call (707) 576-2220 for questions regarding work plan approval.]

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name: _____

Signature: Gary Soden

Date: _____

E-Mail Address: _____

Coastal Zone Approval:

(Signature) _____ Date: _____

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25
Health Officer's Signature Date

Final Approval By: _____
Health Officer's Signature Date

Date Boring and Well Logs Were Received: _____



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: Phone:

Address: RVCW-27 39.75869 -123.24791 City:

Property Owner Address:

City: State: Zip:

APN: Anticipated Drill Date:

MS4 Zone: Yes No

Work Information: Indicate below the total number of wells already existing on the site:

Domestic Water Wells Monitoring Wells 11 of 12

Type of Work Proposed: Construction Destruction Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:

Monitoring Wells 11 of 12 Cathodic Wells Borings/hydropunches

Consultant and Contractor Information:

Consulting Firm: Bus. Lic? Yes No

Address: City: Zip:

Contact Name and Email Address: Phone #:

Driller/Contractor: Bus. Lic? Yes No

C-57 License #: Phone #:

Address: City: Zip:

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
Submit written authorization(s) from the off-site property owner(s) for all off-site work.
Complete the Site Plot Sketch according to the instructions on the back of this application.
Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
Schedule field work to commence after a permit has been issued.
Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. (Final approval will not be given without the log(s) or sketch.)

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182269

Number:

Rec'd By: EB

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance...

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit.

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name:

Signature: Gary Soden

Date:

E-Mail Address:

Coastal Zone Approval:

(Signature) Date:

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25 Health Officer's Signature Date

Final Approval By: Health Officer's Signature Date

Date Boring and Well Logs Were Received:



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182266

Number: EB

Rec'd By: EB

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: Phone: 0

Address: RVCWD-19 39.81554 -123.26327 City:

Property Owner Address:

City: State: Zip:

APN: Anticipated Drill Date:

MS4 Zone: Yes No 4 of 12

Work Information: Indicate below the total number of wells already existing on the site:

Domestic Water Wells Monitoring Wells

Type of Work Proposed: Construction Destruction Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:

Monitoring Wells 4 of 12 Cathodic Wells Borings/hydropunches

Consultant and Contractor Information:

Consulting Firm: Bus. Lic? Yes No

Address: City: Zip:

Contact Name and Email Address: Phone #:

Driller/Contractor: Bus. Lic? Yes No

C-57 License #: Phone #:

Address: City: Zip:

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
Submit written authorization(s) from the off-site property owner(s) for all off-site work.
Complete the Site Plot Sketch according to the instructions on the back of this application.
Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
Schedule field work to commence after a permit has been issued.
Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. (Final approval will not be given without the log(s) or sketch.)

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit.

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name:

Signature: Gary Soden

Date:

E-Mail Address:

Coastal Zone Approval:

(Signature) Date:

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25 Health Officer's Signature Date

Final Approval By: Health Officer's Signature Date

Date Boring and Well Logs Were Received:



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: _____ Phone: _____

Address: _____ RVCW-17 39.82437 -123.27655 _____ City: _____

Property Owner Address: _____

City: _____ State: _____ Zip: _____

APN: _____ Anticipated Drill Date: _____

MS4 Zone: Yes
No

Work Information: Indicate below the total number of wells already existing on the site:

Domestic Water Wells _____ Monitoring Wells 3 of 12

Type of Work Proposed: Construction Destruction
Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:

Monitoring Wells 11 **3 of 12** Cathodic Wells _____ Borings/hydropunches _____

Consultant and Contractor Information:

Consulting Firm: _____ Bus. Lic? Yes
No

Address: _____ City: _____ Zip: _____

Contact Name and Email Address: _____ Phone #: _____

Driller/Contractor: _____ Bus. Lic? Yes
No

C-57 License #: _____ Phone #: _____

Address: _____ City: _____ Zip: _____

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
- Submit written authorization(s) from the off-site property owner(s) for all off-site work.
- Complete the Site Plot Sketch according to the instructions on the back of this application.
- Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
- Schedule field work to commence after a permit has been issued.
- Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
- Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
- Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. **(Final approval will not be given without the log(s) or sketch.)**

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182265

Number: _____

Rec'd By: EB

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the North Coast Regional Water Quality Control Board requires an approved Work Plan prior to the start of any field work under this permit. [Please call (707) 576-2220 for questions regarding work plan approval.]

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name: _____

Signature: Gary Soden

Date: _____

E-Mail Address: _____

Coastal Zone Approval:

(Signature) _____ Date: _____

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25
Health Officer's Signature Date

Final Approval By: _____
Health Officer's Signature Date

Date Boring and Well Logs Were Received: _____



MONITORING WELL APPLICATION

To Construct, Destroy, Repair, or Alter: Monitoring Wells, Cathodic Wells, Remediation Wells or Borings

(For Official Use Only)

PERMIT

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location:

Site Name: _____ Phone: _____

Address: RVCW-28 39.75663 -123.21079 City: _____

Property Owner Address: _____

City: _____ State: _____ Zip: _____

APN: _____ Anticipated Drill Date: _____

MS4 Zone: Yes
No

Work Information: Indicate below the total number of wells already existing on the site:
Domestic Water Wells _____ Monitoring Wells 12 of 12

Type of Work Proposed: Construction Destruction
Repair Alteration/Conversion

Indicate below the total number of proposed wells or borings for each type listed:
Monitoring Wells 12 of 12 Cathodic Wells _____ Borings/hydropunches _____

Consultant and Contractor Information:
Bus. Lic? Yes
No

Consulting Firm: _____

Address: _____ City: _____ Zip: _____

Contact Name and Email Address: _____ Phone #: _____

Driller/Contractor: _____ Bus. Lic? Yes
No

C-57 License #: _____ Phone #: _____

Address: _____ City: _____ Zip: _____

Permit Terms and Conditions provide that the contractor will:

- Secure the authorization of the property owner.
- Submit written authorization(s) from the off-site property owner(s) for all off-site work.
- Complete the Site Plot Sketch according to the instructions on the back of this application.
- Consult with the inspector for an available inspection date a minimum of 5 days prior to scheduling field activities.
- Schedule field work to commence after a permit has been issued.
- Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 feet BGS.
- Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
- Submit a State of California Well Completion Report/Log or an "As Constructed" Well Log, or a Destruction Log of the Soil Boring within 15 days of completion as a requirement for final approval [Mendocino County Code Section 16.04.060 (c)]. **(Final approval will not be given without the log(s) or sketch.)**

Date Paid: 3/17/25

Fee Paid \$ 230

Payment # XR182261

Number: _____

Rec'd By: EB

Permit Agreement:

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-81 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Section 16.04.090).

For Known Contaminated Sites: I understand that the **North Coast Regional Water Quality Control Board** requires an approved **Work Plan** prior to the start of any field work under this permit. [Please call (707) 576-2220 for questions regarding work plan approval.]

For Sites within the Coastal Zone: I understand that the Department of Planning and Building requires a Coastal Zone Permit prior to the start of any field work under this permit, and that they may require additional permit fees.

C-57 Contractor Signature:

Print Name: _____

Signature: Gary Soden Date: _____

E-Mail Address: _____

Coastal Zone Approval:

(Signature) _____ Date: _____

Permit Approval:

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued By: William Nalty 3/17/25
Health Officer's Signature Date

Final Approval By: _____
Health Officer's Signature Date

Date Boring and Well Logs Were Received: _____

Appendix E

**Monitoring Well Boring Logs and
Driller's Well Completion Reports**

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-17	
Drilling Method: Solid Stem Auger		Date Started: 4/8/2025		Time:	
Drilling Company: Clear Heart Drilling		Date Completed: 4/8/2025		Time:	
C57 Number: 780357		Total Depth: 41.5'		Corresponds to Well No.: RVCWD-17	
Logged By: IF		Water Level (bgs) first / last: 5'			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location: Round Valley		Surface Conditions:			

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			ML	0-15' Gravely Silt w/ Sand angular to rounded medium plasticity (50,25,25)	brown	moist	hard		Flush Surface Completion in G08 Christy Box	
2									0-5' Neat Cement w/ 5% Bentonite	
3									0-20' Blank Sch. 40 PVC Casing	
4										
5		23		(40,30,30)	brown	wet	hard			
6	X	27		angular, well graded						
	X	31								5-7' Hydrated Bentonite
7										
8										7-41.5' Sandpack #2/12 Clean Sand
9										
10	X	8		Sandy Silt w/ Gravel (50,40,10)	brown	moist to wet	v. stiff			
11	X	8		well graded						
	X	20								
12										
13										
14										
15		11	GW	15-36' Well-Graded Gravel w/ Silt and Sand angular (20,30,50)	gray-brown	moist to wet	dense			
16	X	17	GM							
	X	27								
17										
18										
19										
20										

HYDROLOGIC BORING LOG

Project Name: <u>RVCWD Monitoring Wells</u>		Project No.: <u>12627517</u>		Boring No: <u>BH-17</u>						
Drilling Method: <u>Solid Stem Auger</u>		Date Started: <u>4/8/2025</u>		Time:						
Drilling Company: <u>Clear Heart Drilling</u>		Date Completed: <u>4/8/2025</u>		Time:						
C57 Number: <u>780357</u>		Total Depth: <u>41.5'</u>		Corresponds to Well No.: <u>RVCWD-17</u>						
Logged By: <u>IF</u>		Water Level (bgs) first / last: <u>5'</u>								
Latitude/Longitude:			Ground Surface Elevation (ft msl):							
Boring Location: <u>Round Valley</u>			Surface Conditions:							
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	14		cont. Well-Graded Gravel w/ Silt and Sand					-	20-40' Sch. 40 PVC Screen 0.020-in slots
	X	10	GW/							
	X	14	GM							
22									-	
23										
24										
25		13								
26		17								
27		17								
28										
29										
30										
31	X	18								
	X	18								
	X	18								
32									-	
33										
34										
35		7								
36	X	7		abrupt transition						
	X	6	CL	36-41.5' Lean Clay (100,0,0), low plasticity	orange-yellow		stiff			
37				abrupt transition to blue color	blue-gray					
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-17						
Drilling Method: Solid Stem Auger		Date Started: 4/8/2025		Time:						
Drilling Company: Clear Heart Drilling		Date Completed: 4/8/2025		Time:						
C57 Number: 780357		Total Depth: 41.5'		Corresponds to Well No.: RVCWD-17						
Logged By: IF		Water Level (bgs) first / last: 5'								
Latitude/Longitude:			Ground Surface Elevation (ft msl):							
Boring Location: Round Valley			Surface Conditions:							
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	5								
	X	8	CL							
	X	12		Boring Terminated at 41.5'			v. stiff			
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-18	
Drilling Method: Hollow Stem Auger		Date Started: 3/18/2025		Time: 10:30 AM	
Drilling Company: Clear Heart Drilling		Date Completed: 3/19/2025		Time: 1:45 PM	
C57 Number: 780357		Total Depth: 101.5'		Corresponds to Well No.: RVCWD-18	
Logged By: IF/RC		Water Level (bgs) first / last: 2.8'			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location: Ledger/337		Surface Conditions:			

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			ML	0-10' Silt (100,0,0) low to non plastic	d. brown	moist to wet	soft		▼	Flush Surface Completion in G08 Christy Box
2										
3										3/19/24 1:45pm DWT 2.8'
4										0-61' Neat Cement
5		8	ML	few rounded gravel & sand (70,15,15)	brown	wet	soft			0-70' Blank Sch. 40 PVC Casing
6	X	14								
7	X	6								
8										
9										
10	X	3	CL	10-16' Lean Clay (100,0,0) m. plastic	brown	wet	m. stiff			
11	X	1								
12	X	4								
13										
14										
15	X	4								
16	X	4								
17	X	7	SP-SC	16-20' Poorly Graded Sand w/ Clay (10,90,0) fine sand	l. brown	wet	loose			
18				coarsens						
19				↓						
20										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-18						
Drilling Method: Hollow Stem Auger		Date Started: 3/18/2025		Time: 10:30 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/19/2025		Time: 1:45 PM						
C57 Number: 780357		Total Depth: 101.5'		Corresponds to Well No.: RVCWD-18						
Logged By: IF/RC		Water Level (bgs) first / last: 2.8'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: Ledger/337		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	8	SW	20-33' Well Graded Sand	gray		m. dense			
	X	12		f-c sand, subrounded						
	X	14		(0,95,5)						
22				fine gravel lense						
23										
24										
25		17					dense			
26		19								
		25								
27										
28										
29										
30		17								
31		19								
		21		increase in sand (5,35,60)	gray	wet	dense			
32				rounded gravel up to 1"						
33			CL	33-70.5' Lean Clay	bluish	moist	m. stiff			
34				(100,0,0), medium plasticity	gray					
35		3								
36		4								
		2								
37										
38										
39										
40		3	CL							



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-18
Drilling Method: Hollow Stem Auger	Date Started: 3/18/2025	Time: 10:30 AM
Drilling Company: Clear Heart Drilling	Date Completed: 3/19/2025	Time: 1:45 PM
C57 Number: 780357	Total Depth: 101.5'	Corresponds to Well No.: RVCWD-18
Logged By: IF/RC	Water Level (bgs) first / last: 2.8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location: Ledger/337	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41		4 6								
42										
43										
44										
45		5								
46		7 10								
47										
48										
49										
50										
51		4 6 8								
52										
53										
54										
55		6		2-4" stringers of sandy lean clay		wet				
56		6 8								
57										
58										
59										
60	X	4	CL							



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-18
Drilling Method: Hollow Stem Auger	Date Started: 3/18/2025	Time: 10:30 AM
Drilling Company: Clear Heart Drilling	Date Completed: 3/19/2025	Time: 1:45 PM
C57 Number: 780357	Total Depth: 101.5'	Corresponds to Well No.: RVCWD-18
Logged By: IF/RC	Water Level (bgs) first / last: 2.8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location: Ledger/337	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X	4							▲	
	X	5							▲	
62									▲	61-65' Hydrated Bentonite
63									▲	
64									▲	
65	X	4							▲	
66	X	5							▲	65-90' Sandpack #8 Sand
67	X	6							▲	
68									▲	
69									▲	
70	X	6	CL	abrupt contact					▲	significant water
71	X	12	GW	70.5-75' Well Graded Gravel w/ Sand (5,35,60)	gray	wet	m. dense		▲	
	X	18		f-c sand, <= 2" gravel rounded to subangular					▲	
72									▲	
73				fining					▲	70-90' Sch. 40 PVC Screen 0.020" slots
74				↓					▲	
75		7	SW	75-81' Well Graded Sand (5,95,0)	dark gray	wet	m. dense		▲	
76		11		f-c subangular sand					▲	
77		7							▲	
78									▲	
79				fining					▲	
80									▲	



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-18	
Drilling Method: Hollow Stem Auger		Date Started: 3/18/2025		Time: 10:30 AM	
Drilling Company: Clear Heart Drilling		Date Completed: 3/19/2025		Time: 1:45 PM	
C57 Number: 780357		Total Depth: 101.5'		Corresponds to Well No.: RVCWD-18	
Logged By: IF/RC		Water Level (bgs) first / last: 2.8'			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location: Ledger/337		Surface Conditions:			

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
81		11 14 18		↓ fines down to silt 81-85' Silt (100,0,0) low plasticity	bluish gray	moist	v. stiff - hard			
82										
83										
84										
85	X	12	CL	85-91' Lean Clay	bluish gray	moist to wet	v. stiff - hard			
86	X	14		(100,0,0) m. plasticity						
87	X	18								
88										
89										
90										
91	X	5								
91	X	12								
91	X	14	SP	91-101.5' Poorly Graded Sand (5,95,0) fine sand	bluish gray	wet	m. dense			90-100' Sch. 40 PVC Pre-Pack Well Screen 0.020" Slots
92										
93										
94										
95										
96										
97										
97			GW	97.5-101.5' Well Graded Gravel w/ Sand (5,35,60)						
98										
99										
99										Bottom cap w/ Stainless Steel Screws
100										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-18
Drilling Method: Hollow Stem Auger	Date Started: 3/18/2025	Time: 10:30 AM
Drilling Company: Clear Heart Drilling	Date Completed: 3/19/2025	Time: 1:45 PM
C57 Number: 780357	Total Depth: 101.5'	Corresponds to Well No.: RVCWD-18
Logged By: IF/RC	Water Level (bgs) first / last: 2.8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location: Ledger/337	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
101	X	12						●		
	X	14								
	X	17		Boring Terminated at 101.5'						
102										
103										
104										
105										
106										
107										
108										
109										
110										
111										
112										
113										
114										
115										
116										
117										
118										
119										
120										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-19						
Drilling Method: Hollow Stem Auger		Date Started: 3/17/2025		Time: 12:45 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/18/2025		Time: 9:30 AM						
C57 Number: 780357		Total Depth: 51.5'		Corresponds to Well No.: RVCWD-19						
Logged By: IF/RC		Water Level (bgs) first / last: 8.52'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: ~50' South of Mill Cr.		Surface Conditions: Grass / Dirt / Gravel								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			gw-SM	0-45.5' Well Graded Gravel w/ Sand (5-20, 20-40, 50-90) well rounded sand and gravel f-c gravel up to 6"	brownish gray		m. dense to dense		Flush Surface Completion in G08 Christy Box 0-1' Concrete	
2									1-10' Neat Cement	
3				packages of sand and gravel w/ intervals fine sand, silt, cobbles "River Run"					0-30' 2" Sch. 40 PVC Blank Well Casing	
4										
5		10								
6		11								
6	3"	14								
7										
8										DTW=8.52' 3/18/25 9:30AM
9										
10										
11	X	10								
11	X	12								
11	X	12								
12										
13										10-50' Sandpack #8 Sand
14										
15										
15		21								
16		22								
16	X	24								
17										
18										
19										
20										

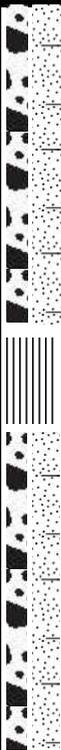
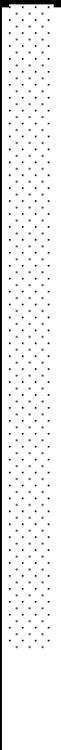
HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-19
Drilling Method: Hollow Stem Auger	Date Started: 3/17/2025	Time: 12:45 PM
Drilling Company: Clear Heart Drilling	Date Completed: 3/18/2025	Time: 9:30 AM
C57 Number: 780357	Total Depth: 51.5'	Corresponds to Well No.: RVCWD-19
Logged By: IF/RC	Water Level (bgs) first / last: 8.52'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location: ~50' South of Mill Cr.	Surface Conditions: Grass / Dirt / Gravel	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	24 38 32								
22										
23										
24										
25		31								
26	X	34								
27	X	38								
28										
29										
30		24								
31		18 14								← 30-50' 2" Sch. 40 PVC Well Screen 0.020" Slots
32										
33										
34										
35		22								
36		12 4								
37										
38										
39										
40										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-19
Drilling Method: Hollow Stem Auger	Date Started: 3/17/2025	Time: 12:45 PM
Drilling Company: Clear Heart Drilling	Date Completed: 3/18/2025	Time: 9:30 AM
C57 Number: 780357	Total Depth: 51.5'	Corresponds to Well No.: RVCWD-19
Logged By: IF/RC	Water Level (bgs) first / last: 8.52'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location: ~50' South of Mill Cr.	Surface Conditions: Grass / Dirt / Gravel	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	12 14 21								
42										
43										
44										
45		24								
46		34		~40% silt matrix in gravel						
		36		back to Gravel -> Cobbles, coarse						
47										
48										
49										
50		14								Bottom Cap w/ SS Screw
51		17 20		Boring Terminated at 51.5'						
52										
53										
54										
55										
56										
57										
58										
59										
60										



HYDROLOGIC BORING LOG

Project Name: <u>RVCWD Monitoring Wells</u>		Project No.: <u>12627517</u>		Boring No: <u>BH-20</u>	
Drilling Method: <u>Hollow Stem Auger</u>		Date Started: <u>4/9/2025</u>		Time: <u>10:45 AM</u>	
Drilling Company: <u>Clear Heart Drilling</u>		Date Completed: <u>4/10/2025</u>		Time: <u>3:30 PM</u>	
C57 Number: <u>780357</u>		Total Depth: <u>105'</u>		Corresponds to Well No.: <u>RVCWD-20</u>	
Logged By: <u>IF</u>		Water Level (bgs) first / last: <u>8' / 10.9'</u>			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location:		Surface Conditions:			

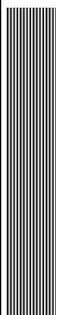
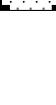
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			CL	0-8' Lean Clay (100,0,0) low-medium plasticity	d. brown		soft to m. stiff			Flush Surface Completion in G08 Christy Box
2										
3										0-46' Neat Cement
4										0-69' 2" Sch. 40 PVC Blank Well Casing
5		2		increase in sand and gravel	brown		m. stiff			
6	X	3		well graded, round, plastic fines						
7	X	5		low-medium plasticity (70,15,15)						
8			SW	8-15' Well Graded Sand w/ Gravel (0,70,30) rounded	gray	wet	loose		▽	Initial free water at 8'
9										
10		2								
11		4							▽	DTW=10.9' 4/10/25 3:30AM
12										
13										
14										
15		10	GW	15-20' Well Graded Gravel w/ Sand (10,40,50) angular	gray					
16	X	16								
17	X	11								
18										
19										
20										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-20						
Drilling Method: Hollow Stem Auger		Date Started: 4/9/2025		Time: 10:45 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/10/2025		Time: 3:30 PM						
C57 Number: 780357		Total Depth: 105'		Corresponds to Well No.: RVCWD-20						
Logged By: IF		Water Level (bgs) first / last: 8' / 10.9'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	18	SP	20-24' Poorly Graded Sand w/ Gravel						
	X	17								
	X	17								
22										
23										
24			CL	24-31' Sandy Lean Clay (70,30,0) fine sand low-medium plasticity	brown		stiff			
25	X	6								
26	X	6								
27	X	6								
28										
29										
30										
31	X	6								
	X	9								
	X	12	CL	31-33' Lean Clay (100,0,0) low-medium plasticity	blue-gray		v. stiff			
32										
33			SW	33-40' Well graded Sand w/ Gravel (0,70,30) rounded, fine sand	gray	wet	m. dense			
34										
35										
36		10								
	X	14								
	X	14								
37										
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-20						
Drilling Method: Hollow Stem Auger		Date Started: 4/9/2025		Time: 10:45 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/10/2025		Time: 3:30 PM						
C57 Number: 780357		Total Depth: 105'		Corresponds to Well No.: RVCWD-20						
Logged By: IF		Water Level (bgs) first / last: 8' / 10.9'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	6	CL	40-50' Sandy Lean Clay	blue-gray		stiff			
	X	6		(70,30,0)						
	X	8		fine sand						
42				low-medium plasticity						
43										
44										
45	X	7	CL	decrease in sand	blue-gray	moist	v. stiff			
46	X	7		(100,0,0)						
	X	12								
47										46-49' Hydrated Bentonite
48										
49										
50		6	MH	50-55' Sandy Elastic Silt	gray	moist				49-79' Sandpack #8 Sand
51		8		(60,40,0)						
		10		low-medium plasticity						
52										
53										
54										
55	X	6	SP	55-56' Poorly Graded Sand	gray	wet				
56	X	8		(0,100,0), fine sand						
	X	10	CL	56-60' Lean Clay	gray	wet				
57				(100,0,0)						
				low-medium plasticity						
58										
59										
60										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-20	
Drilling Method: Hollow Stem Auger		Date Started: 4/9/2025		Time: 10:45 AM	
Drilling Company: Clear Heart Drilling		Date Completed: 4/10/2025		Time: 3:30 PM	
C57 Number: 780357		Total Depth: 105'		Corresponds to Well No.: RVCWD-20	
Logged By: IF		Water Level (bgs) first / last: 8' / 10.9'			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location:		Surface Conditions:			

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)			
61	X	7	SP	60-65' Poorly Graded Sand	gray	wet		[Dotted Pattern]	[Dotted Pattern]				
	X	8		w/ Gravel (0,90,10)									
	X	12		fine to medium sand									
62				well graded gravel									
63													
64													
65	X	14	SW	65-71' Well Graded Sand	gray	wet				[Diagonal Lines]	[Diagonal Lines]		
	X	18		w/ Gravel (0,70,30)									
	X	18		rounded									
66													
67													
68													
69													
70	X	8	CL	71-85' Sandy Lean Clay	blue-gray	moist	v. stiff		[Dotted Pattern]			69-79' 2" Sch. 40 PVC Well Screen 0.020" Slots	
	X	10		(70-100,0-30,0)									
	X	12		fine sand									
71				low-medium plasticity									
72													
73													
74													
75	X	12											
	X	14											
	X	17											
76													
77													
78													
79													
80										Bottom of Well at 79'			



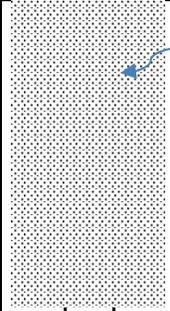
HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-20						
Drilling Method: Hollow Stem Auger		Date Started: 4/9/2025		Time: 10:45 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/10/2025		Time: 3:30 PM						
C57 Number: 780357		Total Depth: 105'		Corresponds to Well No.: RVCWD-20						
Logged By: IF		Water Level (bgs) first / last: 8' / 10.9'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
81	X	12	CL							79-99' Sch. 40 PVC Pre-Pack Well Screen 0.020" Slots
	X	14								
	X	16								
82										
83										
84										
85	X	12	SP	85-91' Poorly Graded Sand	gray	wet	dense			
86	X	17		(0,100,0)						
	X	24		rounded						
87										
88										
89										
90	X	34								
91	X	36								
	X	44	SP- SM	91-102' Poorly Graded Sand w/ Silt and Gravel (15-40,30,30-55) well graded gravel	gray- brown	moist	dense- v. dense			
92										
93										
94										
95		24								
96	X	50/5"								
97										
98										
99										
100									Well Bottom at 99'	



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-20
Drilling Method: Hollow Stem Auger	Date Started: 4/9/2025	Time: 10:45 AM
Drilling Company: Clear Heart Drilling	Date Completed: 4/10/2025	Time: 3:30 PM
C57 Number: 780357	Total Depth: 105'	Corresponds to Well No.: RVCWD-20
Logged By: IF	Water Level (bgs) first / last: 8' / 10.9'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
101										99-105' Native backfill
102			CL	102-105' Lean Clay	blue-gray					
103										
104										
105				Boring Terminated at 105'						
106										
107										
108										
109										
110										
111										
112										
113										
114										
115										
116										
117										
118										
119										
120										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-21	
Drilling Method: Hollow Stem Auger		Date Started: 4/2/2025		Time: 11:00 AM	
Drilling Company: Clear Heart Drilling		Date Completed: 4/3/2025		Time:	
C57 Number: 780357		Total Depth: 121.5'		Corresponds to Well No.: RVCWD-21	
Logged By: IF		Water Level (bgs) first / last: 8'			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location:		Surface Conditions:			

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			gw-GM	0-15' Well Graded Gravel w/ Sand and Silt (20,20,60) angular to rounded gravels	brown	moist	m. dense			Flush Surface Completion in G08 Christy Box
2										0-5' Neat Cement
3										0-10' 2" Sch. 40 PVC Blank Well Casing
4										
5		8								5-7' Hydrated Bentonite
6	X	11								
7	X	11								
8										7-40' Sandpack #8 Sand
9										
10	X	10				wet				
11	X	11								
12	X	11								10-40' 2" Sch. 40 PVC Well Screen 0.020" Slots
13										
14										
15	X	18	sw-SM	15-36' Well Graded Sand w/ Silt and Gravel (20,70,10)	gray-brown	wet	m. dense - dense			
16	X	18								
17	X	11								
18										
19										
20										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-21						
Drilling Method: Hollow Stem Auger		Date Started: 4/2/2025		Time: 11:00 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/3/2025		Time:						
C57 Number: 780357		Total Depth: 121.5'		Corresponds to Well No.: RVCWD-21						
Logged By: IF		Water Level (bgs) first / last: 8'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	14								
	X	18								
	X	18								
22										
23										
24										
25		24								
26	X	26								
	X	28								
27										
28										
29										
30										
31	X	7								
	X	10								
	X	10								
32										
33										
34										
35	X	6	SP-	35-36' Silty Sand (40,60,0)	blue-gray	wet	stiff			
36	X	7	SM		blue-gray					
	X	10	ML	36-100' Silt (100,0,0)						
37										
38										
39										
40										Bottom of Well at 40'



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-21
Drilling Method: Hollow Stem Auger	Date Started: 4/2/2025	Time: 11:00 AM
Drilling Company: Clear Heart Drilling	Date Completed: 4/3/2025	Time:
C57 Number: 780357	Total Depth: 121.5'	Corresponds to Well No.: RVCWD-21
Logged By: IF	Water Level (bgs) first / last: 8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	7	SW	stringer of coarse rounded sand	gray	wet			<div style="margin-bottom: 10px;">40-50' Sand Backfill</div> <div style="margin-bottom: 10px;">50-53' Hydrated Bentonite</div> <div>53-121.5' Neat Cement</div>	
	X	9	ML	(10,90,0)						
	X	11		Cont. Silty Sand (95,5,0)	blue-gray	wet	stiff			
42										
43										
44										
45										
46	X	5								
	X	7								
	X	8								
47										
48										
49										
50										
51	X	4								
	X	4								
	X	7								
52										
53										
54										
55										
56	X	4								
	X	5								
	X	6								
57										
58										
59										
60										

HYDROLOGIC BORING LOG

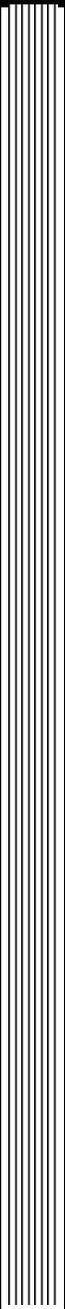
Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-21
Drilling Method: Hollow Stem Auger	Date Started: 4/2/2025	Time: 11:00 AM
Drilling Company: Clear Heart Drilling	Date Completed: 4/3/2025	Time:
C57 Number: 780357	Total Depth: 121.5'	Corresponds to Well No.: RVCWD-21
Logged By: IF	Water Level (bgs) first / last: 8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X	8								
	X	10								
	X	12								
62										
63										
64										
65				stringer of sandy silt						
66	X	6								
	X	8								
	X	12								
67										
68				bubbles of presumed natural gas seen @ 67'						
69										
70										
71	X	5								
	X	6								
	X	7								
72										
73										
74										
75										
76	X	4								
	X	8								
	X	12								
77										
78										
79										
80										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-21
Drilling Method: Hollow Stem Auger	Date Started: 4/2/2025	Time: 11:00 AM
Drilling Company: Clear Heart Drilling	Date Completed: 4/3/2025	Time:
C57 Number: 780357	Total Depth: 121.5'	Corresponds to Well No.: RVCWD-21
Logged By: IF	Water Level (bgs) first / last: 8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
81	X	5								
	X	7								
	X	12								
82										
83										
84										
85	X	12								
86	X	18								
	X	24								
87										
88										
89										
90	X	14								
91	X	18		few gravel (85,13,2)						
	X	24		largest ~1"x2"x18"						
92										
93										
94										
95	X	12								
96	X	20								
	X	22								
97										
98										
99										
100										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-21
Drilling Method: Hollow Stem Auger	Date Started: 4/2/2025	Time: 11:00 AM
Drilling Company: Clear Heart Drilling	Date Completed: 4/3/2025	Time:
C57 Number: 780357	Total Depth: 121.5'	Corresponds to Well No.: RVCWD-21
Logged By: IF	Water Level (bgs) first / last: 8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
121		14 18 26		Being Terminated at 121.5'					▽	
122										
123										
124										
125										
126										
127										
128										
129										
130										
131										
132										
133										
134										
135										
136										
137										
138										
139										
140										



HYDROLOGIC BORING LOG

Project Name: <u>RVCWD Monitoring Wells</u>		Project No.: <u>12627517</u>		Boring No: <u>BH-22</u>						
Drilling Method: <u>Hollow Stem Auger</u>		Date Started: <u>3/20/2025</u>		Time: <u>11:40 AM</u>						
Drilling Company: <u>Clear Heart Drilling</u>		Date Completed: <u>3/21/2025</u>		Time:						
C57 Number: <u>780357</u>		Total Depth: <u>106.5'</u>		Corresponds to Well No.: <u>RVCWD-22</u>						
Logged By: <u>IF</u>		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: <u>End of Barns Ln Exten Side</u>		Surface Conditions: <u>Grass, Soil</u>								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			ML	0-10' Silt (100,0,0) non-plastic fines	d. brown	moist	soft			Abandoned
2										Backfilled with
3										0-106.5' Cement Grout
4										
5		3								
6	X	5		increase in sand and gravel (70,15,15)	brown	wet	stiff			
7	X	7		well rounded gravel and sand	-gray					
8										
9										
10	X	2	CL	10-26' Lean Clay (100,0,0)	bluish gray	wet	soft-m. stiff			
11	X	2								
12	X	4								
13										
14										
15	X	2								
16	X	2								
17	X	2								
18										
19										
20										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-22						
Drilling Method: Hollow Stem Auger		Date Started: 3/20/2025		Time: 11:40 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/21/2025		Time:						
C57 Number: 780357		Total Depth: 106.5'		Corresponds to Well No.: RVCWD-22						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: End of Barns Ln Exten Side		Surface Conditions: Grass, Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	4								
	X	5								
	X	5								
22										
23										
24										
25										
	X	5								
	X	11		abrupt contact						
26	X	18	SP	26-30 Poorly Graded Sand (0,100,0)	brown	wet	m. dense			significant free water
27										
28										
29										
30										
	X	5		30-40' Well Graded Sand (5,90,5)	gray-	wet	m. dense			
	X	11		rounded	mult. Color		-dense			
	X	19								
32										
33										
34										
35										
	X	14								
	X	18								
36	X	22								
37										
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-22						
Drilling Method: Hollow Stem Auger		Date Started: 3/20/2025		Time: 11:40 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/21/2025		Time:						
C57 Number: 780357		Total Depth: 106.5'		Corresponds to Well No.: RVCWD-22						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: End of Barns Ln Exten Side		Surface Conditions: Grass, Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	5	CL	40-50' Sandy Lean Clay (60,40,0) fine sand	blueish gray	wet	stiff - v. stiff			
	X	6	-SC							
	X	10								
42										
43										
44										
45										
46	X	4								
	X	7								
	X	12								
47										
48										
49										
50										
51	X	7		50-101.5' Lean Clay (100,0,0)	blueish gray	wet	stiff - v. stiff			
	X	8								
		10								
52										
53										
54										
55										
56	X	7								
	X	9								
	X	12								
57										
58										
59										
60										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-22						
Drilling Method: Hollow Stem Auger		Date Started: 3/20/2025		Time: 11:40 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/21/2025		Time:						
C57 Number: 780357		Total Depth: 106.5'		Corresponds to Well No.: RVCWD-22						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: End of Barns Ln Exten Side		Surface Conditions: Grass, Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X X X	4 4 7								
62										
63										
64										
65										
66	X X X	6 8 10								
67										
68										
69										
70										
71	X X X	5 8 12		increase in fine sand (70,30,0)						
72										
73										
74										
75										
76	X X X	7 12 13								
77	X									
78										
79										
80										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-22						
Drilling Method: Hollow Stem Auger		Date Started: 3/20/2025		Time: 11:40 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/21/2025		Time:						
C57 Number: 780357		Total Depth: 106.5'		Corresponds to Well No.: RVCWD-22						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: End of Barns Ln Exten Side		Surface Conditions: Grass, Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
81	X X X	9 14 18		decrease in fine sand (100,0,0)						
82										
83										
84										
85	X	7		stringer of well graded sand	gray	wet				
86	X X	14 18								
87										
88										
89										
90	X	8								
91	X X	10 14								
92										
93										
94										
95		8								
96		10 14								
97										
98										
99										
100										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-22						
Drilling Method: Hollow Stem Auger		Date Started: 3/20/2025		Time: 11:40 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/21/2025		Time:						
C57 Number: 780357		Total Depth: 106.5'		Corresponds to Well No.: RVCWD-22						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: End of Barns Ln Exten Side		Surface Conditions: Grass, Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
101		10 14 20		increase in gravels (75,5,20) gravels well graded and round						
102										
103										
104										
105		25		105-106.5' Well Graded Sand	gray	wet	dense			Sampler punctured confined aquifer
106		32 27		w/ Gravel (0,60,40) Boring Terminated at 106.5'						Heavy artesian flows ~60 GPM
107										
108										
109										
110										
111										
112										
113										
114										
115										
116										
117										
118										
119										
120										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-18						
Drilling Method: Hollow Stem Auger		Date Started: 4/10/2025		Time: 4:30 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/11/2025		Time: 4:40 PM						
C57 Number: 780357		Total Depth: 81.5'		Corresponds to Well No.: RVCWD-23						
Logged By: IF		Water Level (bgs) first / last: 5'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			ML	0-5' Silt (100,0,0)	d. brown	moist	soft			Artesian Abandoned
2										0.5-52' Backfilled with Neat Cement
3										
4										
5	X	3	ML	5-10' Sandy Silt (60,40,0)	brown	wet	soft			Initial free water 5'
6	X	2		low-medium plasticity						
7										
8										
9										
10	X	2	CL	10-63' Lean Clay w/ Sand (70-90,10-30,0)	blue-gray	moist	m. stiff			
11	X	2		lenses of sand						
12	X	3		low-medium plasticity						
13										
14										
15	X	4								
16	X	3								
17	X	4								
18										
19										
20										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-18						
Drilling Method: Hollow Stem Auger		Date Started: 4/10/2025		Time: 4:30 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/11/2025		Time: 4:40 PM						
C57 Number: 780357		Total Depth: 81.5'		Corresponds to Well No.: RVCWD-23						
Logged By: IF		Water Level (bgs) first / last: 5'								
Latitude/Longitude:			Ground Surface Elevation (ft msl):							
Boring Location:			Surface Conditions:							
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	4		(80,20,0)						
	X	4								
	X	3								
22										
23										
24										
25	X	8		stringer of sand and gravel	blue-gray	wet				
26	X	8		rounded, well-graded						
	X	6								
27										
28										
29										
30	X	6		(100,0,0)						
31	X	10		clay stiffens						
	X	10								
32										
33										
34										
35	X	5		(80,20,0)						
36	X	6		lese of fine sand						
	X	6								
37										
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-18
Drilling Method: Hollow Stem Auger	Date Started: 4/10/2025	Time: 4:30 PM
Drilling Company: Clear Heart Drilling	Date Completed: 4/11/2025	Time: 4:40 PM
C57 Number: 780357	Total Depth: 81.5'	Corresponds to Well No.: RVCWD-23
Logged By: IF	Water Level (bgs) first / last: 5'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)	
41	X	6		(70,30,0)				[Diagonal Hatching]	[Sand]		
	X	6									
	X	6									
42											
43											
44											
45											
46	X	4									
	X	3									
	X	4									
47											
48											
49											
50											
51	X	4									
	X	6									
	X	8									
52											
53									52-55' Hydrated Bentonite		
54											
55											
56	X	5							55-81.5' Sand Backfill		
	X	6									
	X	6									
57											
58											
59											
60											



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-18
Drilling Method: Hollow Stem Auger	Date Started: 4/10/2025	Time: 4:30 PM
Drilling Company: Clear Heart Drilling	Date Completed: 4/11/2025	Time: 4:40 PM
C57 Number: 780357	Total Depth: 81.5'	Corresponds to Well No.: RVCWD-23
Logged By: IF	Water Level (bgs) first / last: 5'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X	4								
	X	5		few small gravels						
	X	8								
62										
63			CL-	63-70 Sandy Lean Clay	blue-	wet	dense			
64			GC/SC	w/ Gravel (50,25,25) rounded gravels	gray					
65										
66	X	12								
	X	24								
	X	46								
67										
68										
69										
70		14	SW	70-78' Well Graded Sand	gray-	wet	dense			
71	X	28		w/ Gravel	mult. color					
	X	36		rounded						
72										
73										
74										
75										
76										
77										
78			CL	78-81.5' Lean Clay w/ Sand	blue-					
79					gray					
80										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-18						
Drilling Method: Hollow Stem Auger		Date Started: 4/10/2025		Time: 4:30 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/11/2025		Time: 4:40 PM						
C57 Number: 780357		Total Depth: 81.5'		Corresponds to Well No.: RVCWD-23						
Logged By: IF		Water Level (bgs) first / last: 5'								
Latitude/Longitude:			Ground Surface Elevation (ft msl):							
Boring Location:			Surface Conditions:							
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
81		8 12 14		Boring Terminated at 81.5'						
82										
83										
84										
85										
86										
87										
88										
89										
90										
91										
92										
93										
94										
95										
96										
97										
98										
99										
100										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-24						
Drilling Method: Hollow Stem Auger		Date Started: 3/19/2025		Time: 4:30 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/20/2025		Time:						
C57 Number: 780357		Total Depth: 50'		Corresponds to Well No.: RVCWD-24						
Logged By: IF		Water Level (bgs) first / last: 5'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: East Lane at Short CK Rd		Surface Conditions: Grass, Dirt, and Gravel								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			ML	0-5' Silt (100,0,0) low-non plastic	d. brown	moist	soft		▽	Flush Surface Completion in G08 Christy Box 0-1' Concrete
2										1-9' Neat Cement
3										
4										0-30' 2" Sch. 40 PVC Blank Well Casing
5		4	CL	5-26' Sandy Lean Clay	l. brown	moist	m. stiff			
6	X	4		w/ Gravel (70,15,15)			-stiff			
	X	6		rounded gravel and sand						
7										
8										
9										
10		6								10-50' Sandpack #8 Sand
11	X	13								
	X	14								
12										
13										
14										
15		14		decrease in gravel						
16	X	16		(60,40,0)						
	X	17								
17										
18										
19										
20										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-24						
Drilling Method: Hollow Stem Auger		Date Started: 3/19/2025		Time: 4:30 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 3/20/2025		Time:						
C57 Number: 780357		Total Depth: 50'		Corresponds to Well No.: RVCWD-24						
Logged By: IF		Water Level (bgs) first / last: 5'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location: East Lane at Short CK Rd		Surface Conditions: Grass, Dirt, and Gravel								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	3			brown-yellow	wet	m. stiff			
	X	4								
	X	4								
22										
23										
24										
25										
	X	5								
	X	7								
26	X	11	CL	26-41' Lean Clay medium plasticity	blue	moist	stiff			
27										
28										
29										
30										
	X	5							30-50' 2" Sch. 40 PVC Well Screen 0.020" Slots	
31	X	5								
	X	8								
32										
33										
34										
35										
	X	4								
36	X	5								
	X	5								
37										
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-24							
Drilling Method: Hollow Stem Auger		Date Started: 3/19/2025		Time: 4:30 PM							
Drilling Company: Clear Heart Drilling		Date Completed: 3/20/2025		Time:							
C57 Number: 780357		Total Depth: 50'		Corresponds to Well No.: RVCWD-24							
Logged By: IF		Water Level (bgs) first / last: 5'									
Latitude/Longitude:		Ground Surface Elevation (ft msl):									
Boring Location: East Lane at Short CK Rd		Surface Conditions: Grass, Dirt, and Gravel									
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)	
41	X	5									
	X	8									
	X	9	CL	41-44' Sandy Lean Clay (60,40,0) well graded sand	blueish gray	wet	m. stiff -stiff				
42											
43											
44											
45			CL	44-51.5' Lean Clay medium plasticity	blue	wet	stiff-hard				
46	X	10									
47	X	15									
48	X	17									
49											
50									Bottom of Well at 50'		
51	X	17									
	X	23									
	X	32									
52											
53											
54											
55											
56											
57											
58											
59											
60											



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-25	
Drilling Method: Hollow Stem Auger		Date Started: 4/22/2025		Time: 9:40 AM	
Drilling Company: Clear Heart Drilling		Date Completed: 4/22/2025		Time: 7:30 PM	
C57 Number: 780357		Total Depth: 66.5'		Corresponds to Well No.: RVCWD-25	
Logged By: IF		Water Level (bgs) first / last:			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location:		Surface Conditions:			

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1	X	3	ML	0-2' Top Soil	brown	moist	soft	<p style="font-size: small; text-align: center;"> The diagram shows a well casing from 0 to 25 feet depth. From 0 to 10 feet, the casing is 2-inch Sch. 40 PVC. At 10 feet, there is a 7-foot bentonite seal. From 17 feet to the bottom at 66.5 feet, the casing is surrounded by a sandpack of #8 sand. A water level symbol is shown at approximately 4.5 feet depth. </p>	Flush Surface Completion in G08 Christy Box	
	X	4		(100,0,0)						
	X	4								
2			ML	2-46.5' Silt	brown-yellow	moist	m. stiff			0-10' Neat Cement
3				(100,0,0)						0-25' 2" Sch. 40 PVC Blank Well Casing
4				non-plastic to medium plasticity						
5		4								
6	X	4								
	X	6								
7										
8										7-10' Hydrated Bentonite
9										
10		1		no recovery			v. soft			
11		1								
		1								
12										
13									10-66.5' Sandpack #8 Sand	
14										
15	X	1			brown-gray	moist	v. soft			
16	X	1								
	X	1								
17										
18										
19										
20										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-25
Drilling Method: Hollow Stem Auger	Date Started: 4/22/2025	Time: 9:40 AM
Drilling Company: Clear Heart Drilling	Date Completed: 4/22/2025	Time: 7:30 PM
C57 Number: 780357	Total Depth: 66.5'	Corresponds to Well No.: RVCWD-25
Logged By: IF	Water Level (bgs) first / last:	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	1							25-65' 2" Sch. 40 PVC Well Screen 0.020" Slots	
	X	1								
	X	1								
22										
23										
24										
25	X	1	ML	increase in rounded sand	brown	wet	v. soft			
26	X	1		(70,30,0)	-gray					
27										
28										
29										
30	X	1	ML			moist	v. soft			
31	X	1				-wet				
32	X	1								
33										
34										
35										
36										
37										
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-25							
Drilling Method: Hollow Stem Auger		Date Started: 4/22/2025		Time: 9:40 AM							
Drilling Company: Clear Heart Drilling		Date Completed: 4/22/2025		Time: 7:30 PM							
C57 Number: 780357		Total Depth: 66.5'		Corresponds to Well No.: RVCWD-25							
Logged By: IF		Water Level (bgs) first / last:									
Latitude/Longitude:		Ground Surface Elevation (ft msl):									
Boring Location:		Surface Conditions:									
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)	
41	X	2	ML		brown	moist	m. stiff				
	X	2			-gray						
	X	4									
42											
43											
44											
45											
46	X										
47	X		ML	46.5-56' Sandy Silt w/ Gravel (60,30,10) rounded	gray	moist to wet	soft-m. stiff				
48				non-plastic to medium plasticity							
49											
50											
51				6" stringer of well graded sand							
52											
53											
54											
55	X		ML	Silt (100,0,0)	gray	moist					
56	X										
57	X		SW	56-64' Well Graded Sand w/ Gravel (0,95,5) rounded		wet	m. dense				
58											
59											
60											



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-25						
Drilling Method: Hollow Stem Auger		Date Started: 4/22/2025		Time: 9:40 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/22/2025		Time: 7:30 PM						
C57 Number: 780357		Total Depth: 66.5'		Corresponds to Well No.: RVCWD-25						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X	10								
	X	14								
	X	17		1.25" layer of clay						
62										
63										
64			ML	64-66.5' Sandy Silt w/ Clay and Gravel						
65										Bottom of Well at 65'
	X	5		non-plastic to medium plasticity						
66	X	7								
	X	8		Boring Terminated at 66.5'						
67										
68										
69										
70										
71										
72										
73										
74										
75										
76										
77										
78										
79										
80										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-26						
Drilling Method: Hollow Stem Auger		Date Started: 4/15/2025		Time: 10:30 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/16/2025		Time: 3:45 PM						
C57 Number: 780357		Total Depth: 78'		Corresponds to Well No.: RVCWD-26						
Logged By: IF		Water Level (bgs) first / last: 9' / +4'10"								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			ML	0-25' Silt (100,0,0)	brown	moist				Steel Stickup Monument
2										Water Level +4'10" above ground level
3										0-41' Neat Cement
4										0-48' 2" Sch. 40 PVC Blank Well Casing
5	X	4	ML		yellow-	moist	m. stiff			
6	X	4		low-medium plasticity	brown					
	X	5								
7										
8										
9										
10										
11	X	3								
	X	3								
	X	4								
12										
13										
14										
15	X	1		increase in sand and gravel	yellow	wet	v. soft			
16	X	1		(70,20,10)	-gray		-soft			
	X	1								
17										
18										
19										
20										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-26						
Drilling Method: Hollow Stem Auger		Date Started: 4/15/2025		Time: 10:30 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/16/2025		Time: 3:45 PM						
C57 Number: 780357		Total Depth: 78'		Corresponds to Well No.: RVCWD-26						
Logged By: IF		Water Level (bgs) first / last: 9' / +4'10"								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	2		(80,20,0) low-medium plasticity	brown	wet	soft			
	X	2								
	X	2								
22										
23										
24										
25		7	GW	25-34' Well Graded Gravel w/ Sand (5,45,50) rounded	gray	wet	m. dense			
26	X	7								
	X	12								
27										
28										
29										
30		6								
31	X	6								
	X	7								
32										
33										
34			CL	34-48' Lean Clay (100,0,0) low-medium plasticity	l. brown	moist	soft			
35	X	7								
36	X	10								
	X	10								
37										
38										
39										
40										

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-26	
Drilling Method: Hollow Stem Auger		Date Started: 4/15/2025		Time: 10:30 AM	
Drilling Company: Clear Heart Drilling		Date Completed: 4/16/2025		Time: 3:45 PM	
C57 Number: 780357		Total Depth: 78'		Corresponds to Well No.: RVCWD-26	
Logged By: IF		Water Level (bgs) first / last: 9' / +4'10"			
Latitude/Longitude:		Ground Surface Elevation (ft msl):			
Boring Location:		Surface Conditions:			

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	5		(100,0,0)	gray	moist	soft		4	
	X	8							4	
	X	11							4	
42									4	41-45' Hydrated Bentonite
43									4	
44									4	
45									4	
46	X	6							4	
47	X	9							4	
48	X	12							4	45-69' Sandpack #8 Sand
49			GW-GM	48-55' Well Graded Gravel w/ Silt and Sand (30,30,40) rounded	gray	wet	m. dense -dense		4	48-69' 2" Sch. 40 PVC Well Screen 0.020" Slots
50									4	
51		10							4	
52		14							4	
53	X	17							4	
54									4	
55									4	
56	X	8	ML	55-60' Sandy Silt (70,30,0)	gray-brown		v. stiff		4	
57	X	11		non-plastic to medium plasticity fine stringers of sand					4	
58	X	14							4	
59									4	
60									4	

HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-26						
Drilling Method: Hollow Stem Auger		Date Started: 4/15/2025		Time: 10:30 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/16/2025		Time: 3:45 PM						
C57 Number: 780357		Total Depth: 78'		Corresponds to Well No.: RVCWD-26						
Logged By: IF		Water Level (bgs) first / last: 9' / +4'10"								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X X X	14 16 26	SW	60-65' Well Graded Sand (0,100,0) rounded	gray	wet	dense			
62										
63										
64										
65		10	CL	65-70' Lean Clay (100,0,0)	blue-gray	moist	v. stiff			
66	X X	10 12		low-medium plasticity						
67										
68										
69										
70	X X X	7 8 12	SW	70-75.5' Well Graded Sand (0,100,0) rounded	gray	wet	m. dense			68-78' 2" Sch. 40 PVC Pre-Pack Well Screen 0.020" Slots
71										
72										
73										
74										
75	X	9								
76	X X	12 36	CL	75.5-76.5' Lean Clay low-medium plasticity	gray	moist	hard			
77										
78				Boring Terminated at 78'						Bottom of well at 78'
79										
80										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-27							
Drilling Method: Hollow Stem Auger		Date Started: 4/4/2023		Time: 9:50 AM							
Drilling Company: Clear Heart Drilling		Date Completed: 4/5/2023		Time:							
C57 Number: 780357		Total Depth: 71'		Corresponds to Well No.: RVCWD-27							
Logged By: IF		Water Level (bgs) first / last:									
Latitude/Longitude:		Ground Surface Elevation (ft msl):									
Boring Location:		Surface Conditions:									
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)	
21	X	4	CL	20-30' Sandy Lean Clay	l. brown	moist	stiff	[Diagonal Hatching]	[Vertical Line]		
	X	5		w/ Gravel (50,40,10)							
		7		low-medium plasticity rounded sand							
22											
23											
24											
25											
26	X	5									
	X	5									
	X	6									
27											
28											
29											
30	X	5	CL	30-50' Sandy Lean Clay	l. brown	moist	m. stiff	[Diagonal Hatching]	[Vertical Line]		
	X	5		(70-100,0-30,0)							
	X	8		low-medium plasticity well graded rounded sand							
31											
32											
33											
34											
35											
36	X	4									
	X	5									
	X	7									
37											
38											
39											
40											



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-27						
Drilling Method: Hollow Stem Auger		Date Started: 4/4/2023		Time: 9:50 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/5/2023		Time:						
C57 Number: 780357		Total Depth: 71'		Corresponds to Well No.: RVCWD-27						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	4								
	X	4								
	X	6								
42										
43										
44										
45		5								
46		7								
		8								
47										
48										Free Water at 48'
49										
50		26	SP	50-71.5' Poorly Graded Sand	gray	wet	dense-			
51		40	-SW	w/ Gravel (0,60,40)			v. dense			
	X	48		coarse sand, 1-2" gravel rounded						
52										51.5-55' Hydrated Bentonite
53										
54										50-70' Sch. 40 PVC Screen 0.020" slots
55										
	X	46								
56	X	40								55-70' Sandpack #8 Sand
	X	24								
57										
58										
59										
60										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-27						
Drilling Method: Hollow Stem Auger		Date Started: 4/4/2023		Time: 9:50 AM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/5/2023		Time:						
C57 Number: 780357		Total Depth: 71'		Corresponds to Well No.: RVCWD-27						
Logged By: IF		Water Level (bgs) first / last:								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions:								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X X	28 56								
62										
63										
64										
65	X	20								
66	X X	32 42								
67										
68										
69										
70	X	38								
71	X	54		(25,60,15)	l. brown	wet	v. dense			
72										
73										
74										
75										
76										
77										
78										
79										
80										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-28
Drilling Method: Hollow Stem Auger	Date Started: 4/1/2025	Time: 4:40 PM
Drilling Company: Clear Heart Drilling	Date Completed: 4/2/2025	Time: 10:00 AM
C57 Number: 780357	Total Depth: 51.5'	Corresponds to Well No.: RVCWD-28
Logged By: IF	Water Level (bgs) first / last: 8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			CL	0-8' Lean Clay (100,0,0) low to non-plastic fines	l. brown	moist	m. stiff			Flush Surface Completion in G08 Christy Box
2										0-7' Neat Cement
3										0-10' Blank Sch. 40 PVC Casing
4										
5	X	4								
6	X	4		some organic matter	d. brown	moist				
7	X	4								
8			SW	8-12' Well Graded Sand w/ Gravel (5,10,85) non-plastic fines		wet	m. dense		▼	Free Water at 8'
9										
10	X	12								7-40' Sandpack #8 Sand
11	X	14								
12	X	18								10-40' Sch. 40 PVC Screen 0.020" slots
13			CL	12-21' Lean Clay (70-90,10-30,0) low to non-plastic fines	l. brown		m. stiff -stiff			
14										
15										
16										
17										
18										
19										
20										

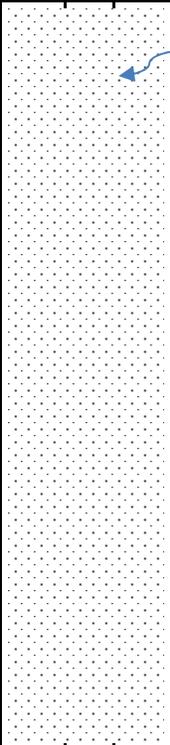
HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells	Project No.: 12627517	Boring No: BH-28
Drilling Method: Hollow Stem Auger	Date Started: 4/1/2025	Time: 4:40 PM
Drilling Company: Clear Heart Drilling	Date Completed: 4/2/2025	Time: 10:00 AM
C57 Number: 780357	Total Depth: 51.5'	Corresponds to Well No.: RVCWD-28
Logged By: IF	Water Level (bgs) first / last: 8'	
Latitude/Longitude:	Ground Surface Elevation (ft msl):	
Boring Location:	Surface Conditions:	

DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	14	CL							
	X	16								
	X	16	SC	21-31' Clayey Sand (30,70,0) plastic to non-plastic fines well graded sand	l. brown	moist -wet	m. dense			
22										
23										
24										
25										
	X	3					loose-			
	X	3					m. dense			
26	X	7								
27										
28										
29										
30										
	X	13		few fine gravel						
	X	17								
31	X	8	CL	31-50' Lean Clay	blue-gray	moist	m. stiff -stiff			
32										
33										
34				clay stiffens						
35										
	X	5	CL	Lean Clay (100,0,0)						
	X	7								
36	X	10								
37										
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-28						
Drilling Method: Hollow Stem Auger		Date Started: 4/1/2025		Time: 4:40 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/2/2025		Time: 10:00 AM						
C57 Number: 780357		Total Depth: 51.5'		Corresponds to Well No.: RVCWD-28						
Logged By: IF		Water Level (bgs) first / last: 8'								
Latitude/Longitude:			Ground Surface Elevation (ft msl):							
Boring Location:			Surface Conditions:							
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	14	CL	increase in fine sand	blue-	moist	hard			40-51.5' Sand Backfill
	X	17		(70,30,0)	gray to					
	X	20			yellow					
42										
43										
44										
45										
46	X	8								
	X	10								
	X	12								
47										
48										
49										
50	X	14	CL-	50-51.5' Lean Clay (100,0,0)	blue-		hard			
51	X	17	ML	low plasticity	blue-					
	X	22			yellow					
52				Boring Terminated at 51.5'						
53										
54										
55										
56										
57										
58										
59										
60										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-29						
Drilling Method: Hollow Stem Auger		Date Started: 4/17/2025		Time: 2:45 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/21/2025		Time: 3:55 PM						
C57 Number: 780357		Total Depth: 100'		Corresponds to Well No.: RVCWD-29						
Logged By: IF/RC		Water Level (bgs) first / last: 5' / 4'								
Latitude/Longitude:			Ground Surface Elevation (ft msl):							
Boring Location:			Surface Conditions: Moist Soil							
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
1			CL	0-5' Sandy Lean Clay with Gravel (80,10,10)						Flush Surface Completion in G08 Christy Box
2										
3										
4										0-62' Neat Cement
5		7	SC	5-13' Clayey Sand w/ Gravel (30,40,30) rounded	gray	wet	m. dense			0-70' Blank Sch. 40 PVC Casing
6	X	8								
7	X	7								
8										
9										
10		12								
11	X	14								
12	X	12								
13			CL	13-33' Sandy Lean Clay w/ Gravel (50-60,30-40,10) low to non-plastic fines	brown	moist	m. stiff			
14										
15		6								
16	X	6								
17	X	7								
18										
19										
20										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-29						
Drilling Method: Hollow Stem Auger		Date Started: 4/17/2025		Time: 2:45 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/21/2025		Time: 3:55 PM						
C57 Number: 780357		Total Depth: 100'		Corresponds to Well No.: RVCWD-29						
Logged By: IF/RC		Water Level (bgs) first / last: 5' / 4'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions: Moist Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
21	X	3								
	X	3								
	X	4								
22										
23										
24										
25										
26										
27										
28										
29										
30	X	6	ML	increased fines	brown	moist	m. stiff			
31	X	8		(80,20,0)						
	X	10								
32										
33			SW	33-50' Well Graded Sand	gray	wet	m. dense			Free Water at 33'
34				(5,95,0)			-dense			Pressurized
35	X	7								
36	X	8								
	X	11								
37										
38										
39										
40										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-29						
Drilling Method: Hollow Stem Auger		Date Started: 4/17/2025		Time: 2:45 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/21/2025		Time: 3:55 PM						
C57 Number: 780357		Total Depth: 100'		Corresponds to Well No.: RVCWD-29						
Logged By: IF/RC		Water Level (bgs) first / last: 5' / 4'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions: Moist Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
41	X	17								
	X	20								
	X	24								
42										
43										
44										
45										
46	X	14								
	X	21								
	X	25								
47										
48										
49										
50	X	8	CL	50-68' Sandy Lean Clay	brown-		m. stiff			
51	X	10		(60,40,0)	gray		-stiff			
	X	11		well graded rounded sands						
52				low to non-plastic fines						
53										
54										
55	X	4	CL	increased fines	brown					
56	X	5		(100,0,0)						
	X	7								
57										
58										
59										
60										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-29						
Drilling Method: Hollow Stem Auger		Date Started: 4/17/2025		Time: 2:45 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/21/2025		Time: 3:55 PM						
C57 Number: 780357		Total Depth: 100'		Corresponds to Well No.: RVCWD-29						
Logged By: IF/RC		Water Level (bgs) first / last: 5' / 4'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions: Moist Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
61	X	5		increased sand	gray					
	X	6		(70,30,0)						
	X	8		rounded						
62										
63										
64										62-65' Hydrated Bentonite
65	X	7		(95,5,0)	d. gray					
66	X	11								65-90' Sandpack #8 Sand
	X	14								
67										
68			SC-SW	Transition to 68-71' Clayey Sand (80,20,0)	gray	wet-moist	loose-m. dense			
69				some coarse sand						
70				low to non-plastic fines						
71	X	6								
	X	8								
71	X	10		71-83' Lean Clay (100,0,0)	brown	wet-moist	stiff-v. stiff			
72				low to non-plastic fines						
73										70-90' Sch. 40 PVC Screen 0.020" slots
74										
75	X	12								
76	X	10								
	X	8								
77										
78										
79										
80										



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-29						
Drilling Method: Hollow Stem Auger		Date Started: 4/17/2025		Time: 2:45 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/21/2025		Time: 3:55 PM						
C57 Number: 780357		Total Depth: 100'		Corresponds to Well No.: RVCWD-29						
Logged By: IF/RC		Water Level (bgs) first / last: 5' / 4'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions: Moist Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
81	X	7								
	X	8								
	X	11								
82										
83			GC	83-86' Clayey Gravel w/ Sand (40,20,40) well graded, rounded	brown	wet				
84										
85										
86	X	6								
	X	6								
86	X	6	CL	86-93' Gravely Lean Clay (80,5,15) well graded gravel low-medium plasticity	brown -gray	moist	stiff			
87										
88										
89										
90										
91	X	7								
	X	11								
	X	14								
92										
93			SW	93-101' Well Graded Sand rounded (0,100,0)	gray	wet	m. dense -dense			90-100' 2" Sch. 40 PVC Pre-Pack Well Screen 0.020" Slots
94										
95		6								
96		6								
96	X	8								
97										
98										
99										
100										Bottom of Well 100'



HYDROLOGIC BORING LOG

Project Name: RVCWD Monitoring Wells		Project No.: 12627517		Boring No: BH-29						
Drilling Method: Hollow Stem Auger		Date Started: 4/17/2025		Time: 2:45 PM						
Drilling Company: Clear Heart Drilling		Date Completed: 4/21/2025		Time: 3:55 PM						
C57 Number: 780357		Total Depth: 100'		Corresponds to Well No.: RVCWD-29						
Logged By: IF/RC		Water Level (bgs) first / last: 5' / 4'								
Latitude/Longitude:		Ground Surface Elevation (ft msl):								
Boring Location:		Surface Conditions: Moist Soil								
DEPTH	RECOVERY	BLOWS per 6-inches	USCS SYMBOL	SOIL DESCRIPTION [Soil type, Color, Percentage Estimate (0,0,0) fines, sand, gravel, Grain Size, Plasticity, Roundness, Other]	COLOR	MOISTURE	CONSISTENCY	GRAPHIC SYMBOL	WELL CONSTRUCTION DETAILS	WELL CONSTRUCTION DESCRIPTION (well and annular space materials, and depth intervals)
		14		gravels						
101	X	20								100-106.5' Native backfill
	X	28	SC	101-106.5' Clayey Sand (40,50,10) well graded, rounded		wet	dense			
102										
103										
104										
105		28								
106	X	43								
	X	48		Boring Terminated at 106.5'						
107										
108										
109										
110										
111										
112										
113										
114										
115										
116										
117										
118										
119										
120										



State of California
Well Completion Report
 Form DWR 188 Submitted 09/04/2025
 WCR2025-008776

Owner's Well Number: _____ **Date Work Began:** 04/04/2025 **Date Work Ended:** 04/04/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW526331 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: _____	APN: <u>032520RW</u>	
City: _____ Zip: _____	Township: <u>23N</u> Range: <u>13W</u>	
Latitude: <u>39 Deg. 49 Min. 27.7212 Sec. N</u>	Longitude: <u>-123 Deg. 16 Min. 35.526 Sec. W</u>	Section: <u>26</u> BM: <u>Mount Diablo</u>
Dec. Lat. : <u>39.824367</u>	Dec. Long. : <u>-123.276535</u>	Ground Surface Elevation: _____
Vertical Datum: _____	Horizontal Datum: _____	Elevation Accuracy: _____
Location Accuracy: _____	Location Determination Method: _____	Elevation Determination Method: _____

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u>	Depth to first water: <u>5 (Feet below surface)</u>
Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u>	Depth to Static Water Level: <u>(Feet)</u>
Total Depth of Boring: <u>41.5 Feet</u>	Date Measured: <u>04/08/2025</u>
Total Depth of Completed Well: <u>41.5 Feet</u>	Estimated Yield*: <u>(GPM)</u> Test Type: _____
	Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u>
	*May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	15	Gravelly Silt w/ Sand angular to rounded medium plasticity
15	36	Well-graded Gravel w/ Silt and Sand Angular
36	41.5	Abrupt transition- Lean clay, low plasticity abrupt transition to blue/gray color

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	20	Blank	PVC	Other	0.26	4.5			
1	20	41.5	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	5	Cement	Portland Cement/Neat Cement		
5	7	Bentonite	Other Bentonite		hydrated
7	41.5	Filter Pack	Other Gravel Pack		#2/12 Clean Sand
7	41.5	Filter Pack	Other Gravel Pack		#2/12 Clean Sand

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	41.5	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<u>CLEAR HEART DRILLING INC</u>			
Name: Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>		<u>SANTA ROSA</u>	<u>California</u> <u>95401</u>
Address		City	State Zip
Signed: <u>electronic signature received</u>		<u>09/04/2025</u>	<u>780357</u>
C-57 Licensed Water Well Contractor		Date Signed	License Number

DWR Use Only											
CSG #		State Well Number				Site Code		Local Well Number			
		N						W			
Latitude Deg/Min/Sec						Longitude Deg/Min/Sec					
TRS:											
APN:											

Attachments
No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/04/2025
 WCR2025-008780

Owner's Well Number: _____ **Date Work Began:** 03/18/2025 **Date Work Ended:** 03/19/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW526329 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: _____	APN: <u>03245021</u>	
City: _____ Zip: _____	Township: <u>23N</u> Range: <u>13W</u>	
Latitude: <u>39 Deg. 49 Min. 33.348 Sec. N</u>	Longitude: <u>-123 Deg. 15 Min. 9.792 Sec. W</u>	Section: <u>25</u> BM: <u>Mount Diablo</u>
Dec. Lat. : <u>39.82593</u>	Dec. Long. : <u>-123.25272</u>	Ground Surface Elevation: _____
Vertical Datum: _____	Horizontal Datum: _____	Elevation Accuracy: _____
Location Accuracy: _____	Location Determination Method: _____	Elevation Determination Method: _____

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u>	Depth to first water: <u>2.8 (Feet below surface)</u>
Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u>	Depth to Static Water Level: <u>(Feet)</u>
Total Depth of Boring: <u>101.5 Feet</u>	Date Measured: _____
Total Depth of Completed Well: <u>101.5 Feet</u>	Estimated Yield*: <u>(GPM)</u> Test Type: _____
	Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u>
	*May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	10	Low to non number
10	16	Lean Clay M Plastic
16	20	Poorly Graded Sand W/ Clay, fine sand
20	33	Well Graded Sand f-c sand, subrounded, fine gravel lense
33	70.5	Lean Clay, Medium Plasticity
70.5	75	Well Graded Gravel w/ Sand, f-c sand, less than equal to 2" gravel rounded to subangular

Depth from Surface (Feet to Feet)		Description
75	81	Well Graded Sand f-c subangular sand
81	85	Silt low plasticity
85	91	Lean Clay m. plasticity
91	97.5	Poorly graded sand, fine sand
97.5	101.5	Well graded gravel w/ sand

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	70	Blank	PVC	Other	0.26	4.5			
1	70	101.5	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	61	Cement	Portland Cement/Neat Cement		
61	65	Bentonite	Other Bentonite		hydrated
65	101.5	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)	Borehole Diameter (inches)	
0	101.5	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name:	<u>CLEAR HEART DRILLING INC</u>		
	Person, Firm or Corporation		
	<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u> <u>95401</u>
	Address	City	State Zip
Signed:	<u>electronic signature received</u>	<u>09/04/2025</u>	<u>780357</u>
	C-57 Licensed Water Well Contractor	Date Signed	License Number

DWR Use Only										
CSG #	State Well Number				Site Code	Local Well Number				
					N					W
Latitude Deg/Min/Sec					Longitude Deg/Min/Sec					

TRS:

APN:

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/04/2025
 WCR2025-008784

Owner's Well Number: _____ **Date Work Began:** 03/17/2025 **Date Work Ended:** 03/25/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW526332 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>77750 CRAWFORD RD</u> City: <u>COVELO</u> Zip: <u>95428</u>	APN: <u>03247033</u> Township: <u>23N</u> Range: <u>13W</u> Section: <u>36</u> BM: <u>Mount Diablo</u>	
Latitude: <u>39 Deg. 48 Min. 55.944 Sec. N</u> Dec. Lat. : <u>39.81554</u> Vertical Datum: _____	Longitude: <u>-123 Deg. 15 Min. 47.772 Sec. W</u> Dec. Long. : <u>-123.26327</u> Horizontal Datum: _____	Ground Surface Elevation: _____ Elevation Accuracy: _____ Elevation Determination Method: _____
Location Accuracy: _____	Location Determination Method: _____	

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>51.5 Feet</u> Total Depth of Completed Well: <u>51.5 Feet</u>	Depth to first water: <u>8.52 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: _____ Estimated Yield*: <u>(GPM)</u> Test Type: _____ Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)	Depth from Surface (Feet to Feet)	Description
0	45.5	Well graded gravel w/ sand. well rounded sand and gravel f-c gravel up to 6"
45.5	51.5	about 40% silt matrix in gravel. Back to gravel to cobbles, coarse

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	30	Blank	PVC	Other	0.26	4.5			
1	30	51.5	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	8	Cement	Portland Cement/Neat Cement		
8	10	Bentonite	Other Bentonite		hydrated
10	50	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)	Borehole Diameter (inches)	
0	51.5	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name:	<u>CLEAR HEART DRILLING INC</u>		
	Person, Firm or Corporation		
	<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u> <u>95401</u>
	Address	City	State Zip
Signed:	<u>electronic signature received</u>	<u>09/04/2025</u>	<u>780357</u>
	C-57 Licensed Water Well Contractor	Date Signed	License Number

DWR Use Only									
CSG #	State Well Number				Site Code	Local Well Number			
				N					W
	Latitude Deg/Min/Sec					Longitude Deg/Min/Sec			
TRS:									
APN:									

Attachments
No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/04/2025
 WCR2025-008790

Owner's Well Number: _____ **Date Work Began:** 04/09/2025 **Date Work Ended:** 04/10/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW526333 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>77940 COVELO RD</u> City: <u>COVELO</u> Zip: <u>95428</u>	APN: <u>03247007</u>	Township: <u>23N</u> Range: <u>13W</u>
Latitude: <u>39 Deg. 49 Min. 1.0704 Sec. N</u> Dec. Lat. : <u>39.816964</u>	Longitude: <u>-123 Deg. 14 Min. 54.4668 Sec. W</u> Dec. Long. : <u>-123.248463</u>	Section: <u>25</u> BM: <u>Mount Diablo</u> Ground Surface Elevation: Elevation Accuracy: Elevation Determination Method:
Vertical Datum: Location Accuracy:	Horizontal Datum: Location Determination Method:	

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>105 Feet</u> Total Depth of Completed Well: <u>105 Feet</u>	Depth to first water: <u>8 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: Estimated Yield*: <u>(GPM)</u> Test Type: Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	8	Lean clay low medium plasticity
8	15	Well graded sand w/ gravel rounded
15	20	Well-graded gravel w/ sand, angular
20	24	Poorly graded sand w/ gravel
24	31	Sandy lean clay, fine sand, low-medium plasticity
31	33	Lean clay, low-medium plasticity

Depth from Surface (Feet to Feet)		Description
33	40	Well graded sand w/ gravel round fine sand
40	50	Sandy lean clay, fine sand, low-medium plasticity
50	55	Sandy elastic silt, low-medium plasticity
55	56	Poorly graded sand, fine sand
56	60	Lean clay, low-medium plasticity
60	65	poorly graded sand w/ gravel fine to medium sand well graded gravel
65	71	Well graded sand w/ gravel rounded
71	85	Sandy lean clay, fine sand, low-medium plasticity
85	91	Poorly graded sand rounded
91	102	Poorly graded sand w/ silt and gravel, well graded gravel
102	105	lean clay

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	69	Blank	PVC	Other	0.26	4.5			
1	69	105	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	46	Cement	Portland Cement/Neat Cement		
46	79	Bentonite	Other Bentonite		hydrated
49	105	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	105	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<u>CLEAR HEART DRILLING INC</u>			
Name:			
Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
Signed: <u>electronic signature received</u>	<u>09/04/2025</u>	<u>780357</u>	
C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only

CSG #	State Well Number	Site Code	Local Well Number
-------	-------------------	-----------	-------------------

						N
--	--	--	--	--	--	---

Latitude Deg/Min/Sec

						W
--	--	--	--	--	--	---

Longitude Deg/Min/Sec

TRS:

APN:

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/04/2025
 WCR2025-008794

Owner's Well Number: _____ **Date Work Began:** 04/02/2025 **Date Work Ended:** 04/03/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW526330 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>78042 SHORT CREEK RD</u>		APN: <u>03243004</u>
City: <u>COVELO</u> Zip: <u>95428</u>		Township: <u>23N</u> Range: <u>12W</u>
Latitude: <u>39 Deg. 48 Min. 56.6604 Sec. N</u>	Longitude: <u>-123 Deg. 12 Min. 16.2324 Sec. W</u>	Section: <u>33</u> BM: <u>Mount Diablo</u>
Dec. Lat. : <u>39.815739</u>	Dec. Long. : <u>-123.204509</u>	Ground Surface Elevation:
Vertical Datum:	Horizontal Datum:	Elevation Accuracy:
Location Accuracy:	Location Determination Method:	Elevation Determination Method:

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u>	Depth to first water: <u>8 (Feet below surface)</u>
Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u>	Depth to Static Water Level: <u>(Feet)</u>
Total Depth of Boring: <u>121.5 Feet</u>	Date Measured:
Total Depth of Completed Well: <u>40 Feet</u>	Estimated Yield*: <u>(GPM)</u> Test Type:
	Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u>
	*May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	15	Well Graded gravel w/ sand and silt, angular to rounded gravel
15	36	Well graded sand w/ silt and gravel
36	100	Silt
100	110	Silt w/ sand, coarse angular sand
110	114	Silt w/ sand and gravel, angular gravel quartz in appearance
114	121.5	Silt w/ sand and gravel, small round gravels, low-medium plastic fines

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	10	Blank	PVC	Other	0.26	4.5			
1	10	40	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	5	Cement	Portland Cement/Neat Cement		
5	7	Bentonite	Other Bentonite		hydrated
7	40	Filter Pack	Other Gravel Pack		#8
40	50	Filter Pack	Other Gravel Pack		sand backfill
50	53	Bentonite	Other Bentonite		hydrated
53	121.5	Cement	Portland Cement/Neat Cement		backfilled lower portion of boring. monitoring well bottomed out at 40'

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	121.5	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name: <u>CLEAR HEART DRILLING INC</u>			
Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
Signed: <u>electronic signature received</u>	<u>09/04/2025</u>	<u>780357</u>	
C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only											
CSG #			State Well Number				Site Code			Local Well Number	
			N							W	
Latitude Deg/Min/Sec						Longitude Deg/Min/Sec					
TRS:											

APN:

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/05/2025
 WCR2025-008831

Owner's Well Number: _____ **Date Work Began:** 03/20/2025 **Date Work Ended:** 03/21/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW526334 **Permit Date:** 03/10/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>Drill and Destroy (e.g., soil boring or new well destroyed immediately)</u> Planned Use: <u>Destruction</u>

Well Location		
Address: <u>77365 BARNES LN</u> City: <u>COVELO</u> Zip: <u>95428</u>	APN: <u>03242022</u> Township: <u>23N</u> Range: <u>12W</u> Section: <u>32</u> BM: <u>Mount Diablo</u>	
Latitude: <u>39 Deg. 48 Min. 18.684 Sec. N</u> Dec. Lat. : <u>39.80519</u> Vertical Datum: _____	Longitude: <u>-123 Deg. 13 Min. 45.372 Sec. W</u> Dec. Long. : <u>-123.22927</u> Horizontal Datum: _____	Ground Surface Elevation: _____ Elevation Accuracy: _____ Elevation Determination Method: _____
Location Accuracy: _____	Location Determination Method: _____	

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>106.5 Feet</u> Total Depth of Completed Well: <u>Feet</u>	Depth to first water: <u>26 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: _____ Estimated Yield*: <u>(GPM)</u> Test Type: _____ Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Destruction Details: Backfilled with a cement grout slurry 0-106.5ft

Geologic Log - Free Form		
	Depth from Surface (Feet to Feet)	Description
0	10	Silt
10	26	Lean clay
26	30	Poorly graded sand

Depth from Surface (Feet to Feet)		Description
30	40	well graded sand
40	50	sandy lean clay
50	101.5	lean clay
101.5	106.5	well graded sand w/ gravel

Other Observations:

Borehole Specifications	
Depth from Surface (Feet to Feet)	Borehole Diameter (inches)

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name: CLEAR HEART DRILLING INC			
Person, Firm or Corporation			
555 B W COLLEGE AVENUE	SANTA ROSA	California	95401
Address	City	State	Zip
Signed: electronic signature received	09/05/2025	780357	
C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only							
CSG #	State Well Number			Site Code	Local Well Number		
			N				W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			
TRS:							
APN:							

Attachments
No Attachments

State of California
Well Completion Report
Form DWR 188 Submitted 09/05/2025
WCR2025-008833

Owner's Well Number: _____ Date Work Began: 04/10/2025 Date Work Ended: 04/11/2025
 Local Permit Agency: Environmental Health Division - Ukiah Office County: Mendocino
 Secondary Permit Agency: _____ Permit Number: MW526335 Permit Date: 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>24720 EAST LN</u> City: <u>COVELO</u> Zip: <u>95428</u>	APN: <u>03419024</u> Township: <u>22N</u> Range: <u>12W</u>	
Latitude: <u>39 Deg. 47 Min. 41.244 Sec. N</u> Dec. Lat. : <u>39.79479</u>	Longitude: <u>-123 Deg. 14 Min. 5.676 Sec. W</u> Dec. Long. : <u>-123.23491</u>	Section: <u>6</u> BM: <u>Mount Diablo</u> Ground Surface Elevation: Elevation Accuracy: Elevation Determination Method:
Vertical Datum: Location Accuracy:	Horizontal Datum: Location Determination Method:	

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>81.5 Feet</u> Total Depth of Completed Well: <u>81.5 Feet</u>	Depth to first water: <u>5 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: Estimated Yield*: <u>(GPM)</u> Test Type: Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	5	silt
5	10	sandy silt, low medium plasticity
10	63	Lean clay w/ sand, low medium plasticity
63	70	Sandy lean clay w/ gravel
70	78	Well graded sand w/ gravel
78	81.5	Lean clay w/ sand

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	81.5	Other	Other	Other	0.26	4.5			NO PVC- Abandoned

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	52	Cement	Portland Cement/Neat Cement		
52	55	Bentonite	Other Bentonite		hydrated
55	81.5	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)	Borehole Diameter (inches)	
0	81.5	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<u>CLEAR HEART DRILLING INC</u>			
Name: Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
<u>electronic signature received</u>	<u>09/05/2025</u>	<u>780357</u>	
Signed: C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only											
CSG #		State Well Number				Site Code		Local Well Number			
		N						W			
Latitude Deg/Min/Sec						Longitude Deg/Min/Sec					
TRS:											
APN:											

Attachments
No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/05/2025
 WCR2025-008835

Owner's Well Number: _____ **Date Work Began:** 03/17/2025 **Date Work Ended:** 03/25/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW536336 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>

Planned Use and Activity
Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>76501 SHORT CREEK RD</u>		APN: <u>03401073</u>
City: <u>COVELO</u> Zip: <u>95428</u>		Township: <u>22N</u> Range: <u>12W</u>
Latitude: <u>39 Deg. 47 Min. 43.548 Sec. N</u>	Longitude: <u>-123 Deg. 12 Min. 2.736 Sec. W</u>	Section: <u>4</u> BM: <u>Mount Diablo</u>
Dec. Lat. : <u>39.79543</u>	Dec. Long. : <u>-123.20076</u>	Ground Surface Elevation:
Vertical Datum:	Horizontal Datum:	Elevation Accuracy:
Location Accuracy:	Location Determination Method:	Elevation Determination Method:

Borehole Information
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>50 Feet</u> Total Depth of Completed Well: <u>50 Feet</u>

Water Level and Yield of Completed Well
Depth to first water: <u>5 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: Estimated Yield*: <u>(GPM)</u> Test Type: Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
	Depth from Surface (Feet to Feet)	Description
	0 5	Silt
	5 26	Sandy Lean Clay
	26 41	Lean Clay Medium Plasticity
	41 44	Sandy Lean Clay
	44 50	Lean Clay Medium Plasticity

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	30	Blank	PVC	Other	0.26	4.5			
1	30	50	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	9	Cement	Portland Cement/Neat Cement		
9	11	Bentonite	Other Bentonite		hydrated
11	50	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	50	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name: <u>CLEAR HEART DRILLING INC</u>			
Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
Signed: <u>electronic signature received</u>	<u>09/05/2025</u>	<u>780357</u>	
C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only									
CSG #	State Well Number				Site Code	Local Well Number			
				N					W
	Latitude Deg/Min/Sec					Longitude Deg/Min/Sec			
TRS:									
APN:									

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/05/2025
 WCR2025-008837

Owner's Well Number: _____ **Date Work Began:** 04/22/2025 **Date Work Ended:** 04/22/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW536337 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>75490 COVELO RD</u> City: <u>COVELO</u> Zip: <u>95428</u>	APN: <u>03337009</u>	Township: <u>22N</u> Range: <u>13W</u>
Latitude: <u>39 Deg. 46 Min. 49.7712 Sec. N</u> Dec. Lat. : <u>39.780492</u>	Longitude: <u>-123 Deg. 15 Min. 0.9036 Sec. W</u> Dec. Long. : <u>-123.250251</u>	Section: <u>12</u> BM: <u>Mount Diablo</u> Ground Surface Elevation: Elevation Accuracy: Elevation Determination Method:
Vertical Datum: Location Accuracy:	Horizontal Datum: Location Determination Method:	

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>66.5 Feet</u> Total Depth of Completed Well: <u>66.5 Feet</u>	Depth to first water: <u>(Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: Estimated Yield*: <u>(GPM)</u> Test Type: Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	2	Topsoil
2	46.5	Silt
46.5	56	Sandy Silt w/ Gravel
56	64	Well graded sand w/ gravel
64	66.5	Sandy silt w/ clay and gravel

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	25	Blank	PVC	Other	0.26	4.5			
1	25	66.5	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	10	Cement	Portland Cement/Neat Cement		
10	12	Bentonite	Other Bentonite		hydrated
12	66.5	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)	Borehole Diameter (inches)	
0	66.5	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name:	<u>CLEAR HEART DRILLING INC</u>		
	Person, Firm or Corporation		
	<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California 95401</u>
	Address	City	State Zip
Signed:	<u>electronic signature received</u>	<u>09/05/2025</u>	<u>780357</u>
	C-57 Licensed Water Well Contractor	Date Signed	License Number

DWR Use Only										
CSG #	State Well Number				Site Code	Local Well Number				
					N					W
	Latitude Deg/Min/Sec					Longitude Deg/Min/Sec				
TRS:										
APN:										

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/05/2025
 WCR2025-008840

Owner's Well Number: _____ **Date Work Began:** 04/15/2025 **Date Work Ended:** 04/16/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW536338 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>75525 DOBIE LN</u> City: <u>COVELO</u> Zip: <u>95428</u>	APN: <u>03401049</u> Township: <u>22N</u> Range: <u>12W</u> Section: <u>9</u> BM: <u>Mount Diablo</u>	
Latitude: <u>39 Deg. 46 Min. 48.396 Sec. N</u> Dec. Lat. : <u>39.78011</u> Vertical Datum: _____	Longitude: <u>-123 Deg. 12 Min. 37.584 Sec. W</u> Dec. Long. : <u>-123.21044</u> Horizontal Datum: _____	Ground Surface Elevation: _____ Elevation Accuracy: _____ Elevation Determination Method: _____
Location Accuracy: _____	Location Determination Method: _____	

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>78 Feet</u> Total Depth of Completed Well: <u>78 Feet</u>	Depth to first water: <u>9 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: _____ Estimated Yield*: <u>(GPM)</u> Test Type: _____ Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	25	Silt
25	34	Well graded gravel w/ sand
34	48	Lean clay
48	55	Well graded gravel w/ silt and sand
55	60	Sandy silt, non-plastic to medium plasticity
60	65	Well graded sand

Depth from Surface (Feet to Feet)		Description
65	70	Lean clay
70	75.5	Wel graded sand
75.5	78	Lean clay, low-medium plasticity

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	48	Blank	PVC	Other	0.26	4.5			
1	48	78	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	41	Cement	Portland Cement/Neat Cement		
41	45	Bentonite	Other Bentonite		hydrated
45	78	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	78	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name: <u>CLEAR HEART DRILLING INC</u>			
Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
Signed: <u>electronic signature received</u>	<u>09/05/2025</u>	<u>780357</u>	
C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only											
CSG #			State Well Number			Site Code			Local Well Number		
			N						W		
Latitude Deg/Min/Sec						Longitude Deg/Min/Sec					
TRS:											

APN:

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/05/2025
 WCR2025-008842

Owner's Well Number: _____ **Date Work Began:** 04/04/2025 **Date Work Ended:** 04/05/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW536339 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: _____	APN: <u>03412146</u>	
City: _____ Zip: _____	Township: <u>22N</u> Range: <u>12W</u>	
Latitude: <u>39 Deg. 45 Min. 31.284 Sec. N</u>	Longitude: <u>-123 Deg. 14 Min. 52.476 Sec. W</u>	Section: <u>18</u> BM: <u>Mount Diablo</u>
Dec. Lat. : <u>39.75869</u>	Dec. Long. : <u>-123.24791</u>	Ground Surface Elevation: _____
Vertical Datum: _____	Horizontal Datum: _____	Elevation Accuracy: _____
Location Accuracy: _____	Location Determination Method: _____	Elevation Determination Method: _____

Borehole Information	Water Level and Yield of Completed Well
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u>	Depth to first water: <u>(Feet below surface)</u>
Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u>	Depth to Static Water Level: <u>(Feet)</u>
Total Depth of Boring: <u>71 Feet</u>	Date Measured: _____
Total Depth of Completed Well: <u>71 Feet</u>	Estimated Yield*: <u>(GPM)</u> Test Type: _____
	Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u>
	*May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	15	Sandy silt w/ gravel, low medium plasticity
15	20	Well graded sand w/ gravel and silt
20	30	Sandy lean clay w/ gravel, low-medium plasticity
30	50	Sandy lean clay, low-medium plasticity
50	71	Poorly graded sand w/ gravel

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	50	Blank	PVC	Other	0.26	4.5			
1	50	71	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	51.5	Cement	Portland Cement/Neat Cement		
51.5	55	Bentonite	Other Bentonite		hydrated
55	71	Filter Pack	Other Gravel Pack		#8

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	71	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
Name: <u>CLEAR HEART DRILLING INC</u>			
Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
Signed: <u>electronic signature received</u>	<u>09/05/2025</u>	<u>780357</u>	
C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only											
CSG #		State Well Number				Site Code		Local Well Number			
		N						W			
Latitude Deg/Min/Sec						Longitude Deg/Min/Sec					
TRS:											
APN:											

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/05/2025
 WCR2025-008843

Owner's Well Number: _____ **Date Work Began:** 04/01/2025 **Date Work Ended:** 04/02/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW536340 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>

Planned Use and Activity
Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>74000 DOBIE LN</u> City: <u>COVELO</u> Zip: <u>95428</u>		APN: <u>03427050</u> Township: <u>22N</u> Range: <u>12W</u> Section: <u>20</u> BM: <u>Mount Diablo</u>
Latitude: <u>39 Deg. 45 Min. 23.868 Sec. N</u> Dec. Lat. : <u>39.75663</u> Vertical Datum: Location Accuracy:	Longitude: <u>-123 Deg. 12 Min. 38.844 Sec. W</u> Dec. Long. : <u>-123.21079</u> Horizontal Datum: Location Determination Method:	Ground Surface Elevation: Elevation Accuracy: Elevation Determination Method:

Borehole Information
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>51.5 Feet</u> Total Depth of Completed Well: <u>40 Feet</u>

Water Level and Yield of Completed Well
Depth to first water: <u>8 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: Estimated Yield*: <u>(GPM)</u> Test Type: Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
	Depth from Surface (Feet to Feet)	Description
	0 8	Lean clay
	8 12	Well graded sand w/ gravel
	12 21	Lean clay
	21 31	Clayey sand, plastic to non-plastic fines
	31 50	Lean clay
	50 51.5	Lean clay low plasticity

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	10	Blank	PVC	Other	0.26	4.5			
1	10	40	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	9	Cement	Portland Cement/Neat Cement		
9	10	Bentonite	Other Bentonite		hydrated
10	40	Filter Pack	Other Gravel Pack		#8
40	51.5	Filter Pack	Other Gravel Pack		Sand Backfill

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	51.5	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<u>CLEAR HEART DRILLING INC</u>			
Name: Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
Signed: <u>electronic signature received</u>	<u>09/05/2025</u>	<u>780357</u>	
C-57 Licensed Water Well Contractor	Date Signed	License Number	

DWR Use Only											
CSG #		State Well Number				Site Code		Local Well Number			
N						W					
Latitude Deg/Min/Sec						Longitude Deg/Min/Sec					
TRS:											
APN:											

Attachments

No Attachments

State of California
Well Completion Report
 Form DWR 188 Submitted 09/05/2025
 WCR2025-008844

Owner's Well Number: _____ **Date Work Began:** 04/17/2025 **Date Work Ended:** 04/21/2025
Local Permit Agency: Environmental Health Division - Ukiah Office **County:** Mendocino
Secondary Permit Agency: _____ **Permit Number:** MW536341 **Permit Date:** 03/17/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: <u>Round Valley Water District</u> Address: <u>PO Box 535</u> City: <u>Covelo</u> State: <u>California</u> Zip: <u>95428</u>	Activity: <u>New Production or Monitoring Well</u> Planned Use: <u>Monitoring</u>

Well Location		
Address: <u>23351 HENDERSON RD</u> City: <u>COVELO</u> Zip: <u>95428</u>	APN: <u>03334043</u> Township: <u>23N</u> Range: <u>13W</u>	
Latitude: <u>39 Deg. 48 Min. 8.93448 Sec. N</u> Dec. Lat. : <u>39.8024818</u> Vertical Datum: _____ Location Accuracy: _____	Longitude: <u>-123 Deg. 15 Min. 31.23216 Sec. W</u> Dec. Long. : <u>-123.2586756</u> Horizontal Datum: _____ Location Determination Method: _____	Section: <u>36</u> BM: <u>Mount Diablo</u> Ground Surface Elevation: _____ Elevation Accuracy: _____ Elevation Determination Method: _____

Borehole Information
Orientation: <u>Vertical</u> # of casings (Specify): <u>1</u> Drilling Method: <u>Auger</u> Drilling Fluid: <u>None</u> Total Depth of Boring: <u>106 Feet</u> Total Depth of Completed Well: <u>100 Feet</u>

Water Level and Yield of Completed Well
Depth to first water: <u>5 (Feet below surface)</u> Depth to Static Water Level: <u>(Feet)</u> Date Measured: _____ Estimated Yield*: <u>(GPM)</u> Test Type: _____ Test Length*: <u>(Hours)</u> Total Drawdown: <u>(Feet)</u> *May not be representative of a well's long term yield.

Geologic Log - Free Form		
	Depth from Surface (Feet to Feet)	Description
	0 5	Sandy lean clay
	5 13	Clayey sand w/ gravel
	13 33	Sandy lean clay w/ gravel
	33 50	Well graded sand

Depth from Surface (Feet to Feet)		Description
50	68	Sandy lean clay, well graded round sands
68	71	Clayey sand, some coarse sand
71	83	Lean clay
83	86	Clayey gravel w/ sand
86	93	Gravel lean clay
93	100	Well graded sand
100	106	Clayey sand

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	70	Blank	PVC	Other	0.26	4.5			
1	70	100	Screen	PVC	Other	0.26	4.5	Milled Slots	0.02	

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	62	Cement	Portland Cement/Neat Cement		
62	65	Bentonite	Other Bentonite		hydrated
65	100	Filter Pack	Other Gravel Pack		#8
100	106	Filter Pack	Other Gravel Pack		native soil backfill

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	106	8

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<u>CLEAR HEART DRILLING INC</u>			
Name: Person, Firm or Corporation			
<u>555 B W COLLEGE AVENUE</u>	<u>SANTA ROSA</u>	<u>California</u>	<u>95401</u>
Address	City	State	Zip
Signed: <u>electronic signature received</u>		<u>09/05/2025</u>	<u>780357</u>
C-57 Licensed Water Well Contractor		Date Signed	License Number

DWR Use Only			
CSG #	State Well Number	Site Code	Local Well Number

						N
--	--	--	--	--	--	----------

Latitude Deg/Min/Sec

						W
--	--	--	--	--	--	----------

Longitude Deg/Min/Sec

TRS:

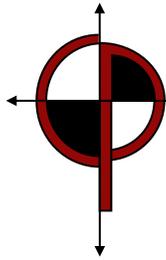
APN:

Attachments

No Attachments

Appendix F

Monitoring Well Network Survey



▲ BOUNDARY
▲ RAILROAD

▲ TOPOGRAPHIC
▲ INFRASTRUCTURE

▲ CONSTRUCTION
▲ HYDROGRAPHIC

C&P 10880-25

Surveyor's Statement

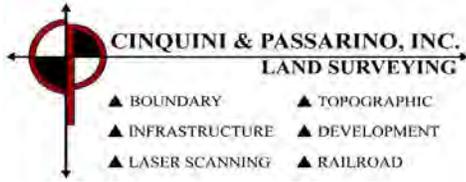
I hereby certify that I am properly registered and licensed to practice land surveying in the State of California and that the following data are based on the results of a field survey performed under my direction June 9 through 13, 2025, for the Round Valley County Water District, Mendocino County, at the request of Imil Ferrara, District General Manager.

Derek J. Clark, P.L.S.
Cinquini & Passarino, Inc.



6-25-2025

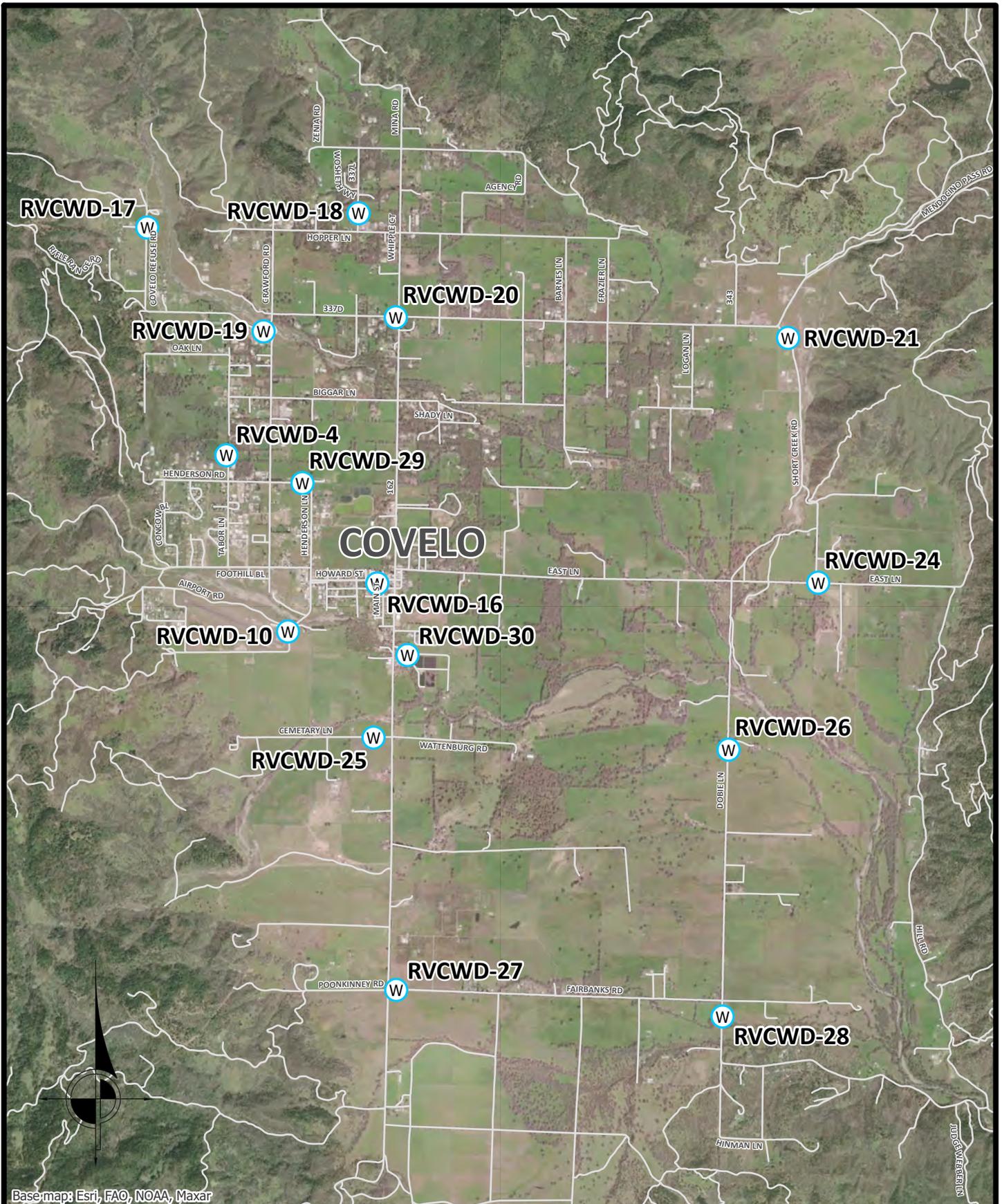
Date



Job Name: Round Valley County Water District
Monitoring Well Survey
Job Number: 10880-25
Client: Round Valley County Water District

GLOBAL_ID	FIELD_PT_NAME	FIELD_PT_CLASS	SURVEY_DATE	LATITUDE	LONGITUDE	ELEVATION	METHOD	XY_DATUM	ELEV_DATUM	XY_ACC_VAL	ELEV_ACC_VAL	SURVEY_ORG	GPS_EQUIP_TYPE
	RVCWD-17	MW	6/9/2025	39.8244414	-123.2765003	1451.53	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-19	MW	6/9/2025	39.8155835	-123.2632736	1416.11	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-18	MW	6/9/2025	39.8259290	-123.2527901	1403.70	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-16	MW	6/9/2025	39.7938824	-123.2501258	1400.32	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-20	MW	6/9/2025	39.8169618	-123.2484562	1398.21	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-10	MW	6/10/2025	39.7896106	-123.2600725	1412.01	CGPS	NAD83	88	1	1	Cinquini & Passarino, Inc.	TR
	RVCWD-29	MW	6/10/2025	39.8024818	-123.2586756	1406.74	CGPS	NAD83	88	1	1	Cinquini & Passarino, Inc.	TR
	RVCWD-4	MW	6/10/2025	39.8048041	-123.2672583	1412.32	CGPS	NAD83	88	2	3	Cinquini & Passarino, Inc.	TR
	RVCWD-28	MW	6/10/2025	39.7567666	-123.2107257	1339.06	CGPS	NAD83	88	2	3	Cinquini & Passarino, Inc.	TR
	RVCWD-26	MW	6/10/2025	39.7798928	-123.2104544	1343.12	CGPS	NAD83	88	2	3	Cinquini & Passarino, Inc.	TR
	RVCWD-27	MW	6/10/2025	39.7586896	-123.2473739	1402.93	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-25	MW	6/10/2025	39.7805242	-123.2503085	1391.80	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-21	MW	6/13/2025	39.8156347	-123.2043922	1378.19	CGPS	NAD83	88	1	1	Cinquini & Passarino, Inc.	TR
	RVCWD-24	MW	6/13/2025	39.7944642	-123.2006461	1347.01	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR
	RVCWD-30	MW	6/13/2025	39.7877135	-123.2466264	1389.39	CGPS	NAD83	88	1	2	Cinquini & Passarino, Inc.	TR

Note: This sheet shows a compilation of the data presented in the GEO_XY.xlsx and GEO_Z.xlsx spreadsheets.



Base map: Esri, FAO, NOAA, Maxar



CINQUINI & PASSARINO, INC.
 GEOSPATIAL SOLUTIONS
 1360 N. Dutton Ave., Ste. 150 Phone: (707) 542-6268
 Santa Rosa, CA. 95401 Fax: (707) 542-2106
 www.cinquinipassarino.com

Job Name: **Round Valley County Water District
 Monitoring Well Survey**

Description: **Well Locations**

Drawn By: JS	Checked By: DJC
Scale: 1:50,000	Date: 6/25/2025
Job Number: 10880-25	Sheet: 3 OF 3