



Thursday, September 10, 2020

Anna Maria Martinez
Napa County Public Works
804 First Street
Napa, CA 94559

Re Lab Order: V090182
Project ID: NBRID |2810013

Collected By: FERNANDO SAERZ
PO/Contract #:

Dear Anna Martinez:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, September 03, 2020. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

CC: DHS SantaRosa, Excel

Enclosures

Project Manager: Sandralyn Luna



**SAMPLE SUMMARY**

Lab Order: V090182
 Project ID: NBRID |2810013

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|------------|------------------------|----------------|------------------|------------------|
| V090182001 | Z-1 1073 HEADLANDS | Drinking Water | 09/03/2020 11:09 | 09/03/2020 13:39 |
| V090182002 | Z-2 1053 ARROYO GRANDE | Drinking Water | 09/03/2020 09:37 | 09/03/2020 13:39 |
| V090182003 | Z-3 1324 STEELE CANYON | Drinking Water | 09/03/2020 09:19 | 09/03/2020 13:39 |
| V090182004 | Z-4 10914 RIMROCK | Drinking Water | 09/03/2020 11:37 | 09/03/2020 13:39 |
| V090182005 | Z-5 1465 STEELE CANYON | Drinking Water | 09/03/2020 09:07 | 09/03/2020 13:39 |
| V090182006 | Z-6 1021 STEELE CANYON | Drinking Water | 09/03/2020 10:30 | 09/03/2020 13:39 |
| V090182007 | Z-7 1325 HEADLANDS | Drinking Water | 09/03/2020 10:56 | 09/03/2020 13:39 |
| V090182008 | 500k | Water | 09/03/2020 07:59 | 09/03/2020 13:39 |

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NARRATIVE

Lab Order: V090182
Project ID: NBRID |2810013

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Filtrations performed at Caltest for dissolved metals (excluding mercury) and/or pH analysis are not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - indicates analytical result has not been detected at or above the Reporting Limit (RL), or at above the Method Detection Limit (MDL) when it is included on the report and is not otherwise noted.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

MDL - The Method Detection Limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

B - indicates the analyte has been detected in the blank associated with the sample.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.





ANALYTICAL RESULTS

Lab Order: V090182
Project ID: NBRID |2810013

| | | | | | | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090182001 | Date Collected | 9/3/2020 11:09 | Matrix | Drinking Water | | |
| Sample ID | Z-1 1073 HEADLANDS | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

| | | | | | | | |
|--|-------------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090182002 | Date Collected | 9/3/2020 09:37 | Matrix | Drinking Water | | |
| Sample ID | Z-2 1053 ARROYO GRANDE | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

| | | | | | | | |
|--|-------------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090182003 | Date Collected | 9/3/2020 09:19 | Matrix | Drinking Water | | |
| Sample ID | Z-3 1324 STEELE CANYON | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

| | | | | | | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090182004 | Date Collected | 9/3/2020 11:37 | Matrix | Drinking Water | | |
| Sample ID | Z-4 10914 RIMROCK | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

| | | | | | | | |
|--|-------------------------------|-------------------------|----------------|--------|---------------------|-------|------|
| Lab ID | V090182005 | Date Collected | 9/3/2020 09:07 | Matrix | Drinking Water | | |
| Sample ID | Z-5 1465 STEELE CANYON | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |

9/10/2020 15:13

REPORT OF LABORATORY ANALYSIS

Page 4 of 5

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ANALYTICAL RESULTS

Lab Order: V090182
Project ID: NBRID |2810013

| Lab ID | V090182005 | Date Collected | 9/3/2020 09:07 | Matrix | Drinking Water | | |
|------------------|-------------------------------|----------------|------------------|-----------|----------------|-----------|------|
| Sample ID | Z-5 1465 STEELE CANYON | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

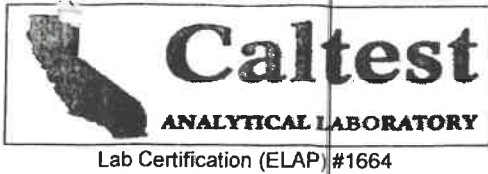
| Lab ID | V090182006 | Date Collected | 9/3/2020 10:30 | Matrix | Drinking Water | | |
|--|-------------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Sample ID | Z-6 1021 STEELE CANYON | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

| Lab ID | V090182007 | Date Collected | 9/3/2020 10:56 | Matrix | Drinking Water | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Sample ID | Z-7 1325 HEADLANDS | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

| Lab ID | V090182008 | Date Collected | 9/3/2020 07:59 | Matrix | Water | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Sample ID | 500k | Date Received | 9/3/2020 13:39 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform & E. coli Analysis | Prep Method: | SM 9223 B-04 (ONPG-MUG) | | | Prep by: | ACS | |
| | Analytical Method: | SM 9223 B-04 (ONPG-MUG) | | | Analyzed by: | MYS | |
| Total Coliform | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |
| E. Coli | ABSENT | | 1 09/03/20 14:38 | BML 18688 | 09/04/20 15:53 | BML 18689 | |

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 Fax: (707) 226-1001
 www.caltestlabs.com

LAB NUMBER:
 V090182
 See attached

181082

PRELIMINARY COLIFORM RESULTS

RUSH!

CLIENT INFORMATION:

Client: Napa Co Pub Works
 Phone: 559-623-2457 Fax: _____
 Project: NBRID Non-Routine Attn: _____
Bact

Date/Time Set: 9/13/2020 / 1458
 Date/Time Read Out: 9/14/2020 / 1553
 Analyst: ACS/Mys

*Entered by Mys 9/14/2020
 Rev by ACS 9/14/2020*

| CALTEST LAB # | SAMPLE DATE | SAMPLE TIME | SAMPLE LOCATION DESCRIPTION | Total Coliform | | Fecal Coliform (E.Coli) | |
|---------------|-------------|-------------|-----------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| | | | | Present | Absent | Present | Absent |
| -1 | 9/13/20 | 1109 | 2-1 1073 Headlands | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| -2 | ↓ | 0937 | 2-2 1053 Arroyo Grande | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| -3 | ↓ | 0919 | 2-3 1324 Steele Canyon | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| -4 | ↓ | 1137 | 2-4 1091 Rimrock | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| -5 | ↓ | 0907 | 2-5 1465 Steele Canyon | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| -6 | ↓ | 1030 | 2-6 1021 Steele Canyon | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

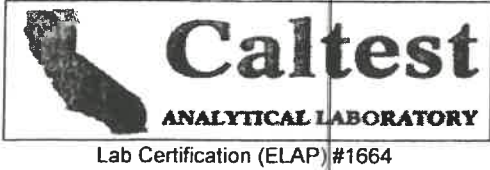
ONLY THE STATEMENT 'TOTAL COLIFORM ABSENT' MEANS THAT THE WATER MEETS THE BACTERIAL REQUIREMENTS OF THE STATE HEALTH AND SAFETY CODES FOR POTABLE WATER.

THIS IS NOT A FINAL REPORT

Once results are reviewed and approved by laboratory staff, please return the sample chain of custody as per your request on the sample chain of custody.

182-2
 Present for
 Chlorine

email



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 Napa, CA 94558
 Phone: (707) 258-4000
 Fax: (707) 226-1001
 www.caltestlabs.com

LAB NUMBER: Pg 2082
 V090182

PRELIMINARY COLIFORM RESULTS

RUSH!

CLIENT INFORMATION:

Client: Napa Co Pub Works
 Phone: 559-623-2457 Fax: _____
 Project: NBRID - Non Routine Attn: _____
Best Enter by 12 9/11/2020

Date/Time Set: 9/3/2020 / 1438
 Date/Time Read Out: 9/14/2020 / 1558
 Analyst: ACS / My

| CALTEST LAB # | SAMPLE DATE | SAMPLE TIME | SAMPLE LOCATION DESCRIPTION | Total Coliform | | Fecal Coliform (E.Coli) | |
|---------------|-------------|-------------|-----------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| | | | | Present | Absent | Present | Absent |
| -7 | 9/3/20 | 1056 | 2-7 1325 Headlands | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| -8 | ↓ | 0759 | 500k | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

ONLY THE STATEMENT 'TOTAL COLIFORM ABSENT' MEANS THAT THE WATER MEETS THE BACTERIAL REQUIREMENTS OF THE STATE HEALTH AND SAFETY CODES FOR POTABLE WATER.

THIS IS NOT A FINAL REPORT

Once results are reviewed and approved by laboratory staff, a final report will be sent by mail/fax/email as per your request on the sample chain of custody.



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LAB ORDER # **VD90182**

SAMPLE CHAIN OF CUSTODY

PROJECT # / PROJECT NAME
NR1D NDN ROUTINE BACT

ANALYSES REQUESTED

REPORT ATTN: **Anna Marie Martinez (707) 980-2091**

TURN-AROUND TIME

STATE: **CA** ZIP: **94558**

STANDARD RUSH

BILLING ADDRESS (IF DIFFERENT):
 CITY: **Napa** STATE: **CA** ZIP: **94558**

RUSH DUE DATE:

PHONE #: **(559) 623-2457** FAX PHONE: **Remendo Saenz**

SAMPLER (PRINT & SIGN NAME): **Remendo Saenz**

| CALTEST # | DATE SAMPLED | TIME SAMPLED | MATRIX | CONTAINER AMOUNT/TYP | PRESERVATIVE | SAMPLE IDENTIFICATION SITE | CLIENT LAB # | COMP. OF GRAB | REMARKS | |
|-----------|--------------|--------------|--------|----------------------|--------------|----------------------------|--------------|---------------|---------|--------------|
| -1 | 9-3-20 | 1109 | DW | | TH10 | Z-1 1073 Headlands | | G | X | 1.5 |
| -2 | 9-3-20 | 0937 | DW | | TH10 | Z-2 1053 Anadayo Grande | | G | X | 1.4 mg/L |
| -3 | 9-3-20 | 0919 | DW | | TH10 | Z-3 1324 Steele Canyon | | G | X | 1.9 mg/L |
| -4 | 9-3-20 | 1131 | DW | | TH10 | Z-4 1091 Kimback | | G | X | 1.4 mg/L |
| -5 | 9-3-20 | 0907 | DW | | TH10 | Z-5 1465 Steele Canyon | | G | X | 1.2 mg/L |
| -6 | 9-3-20 | 1032 | DW | | TH10 | Z-6 1021 Steele Canyon | | G | X | 1.2 mg/L |
| -7 | 9-3-20 | 1056 | DW | | TH10 | Z-7 1325 Headlands | | G | X | 1.3 mg/L |
| -8 | 9-3-20 | 0759 | DW | | TH10 | SODIK | | G | X | CL2 1.3 mg/L |

SEALING: / N INTACT / N

DATE/TIME: **9/3/20 12:14** RECEIVED BY: **[Signature]**

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY: **Remendo Saenz** DATE/TIME: **9-3-20 12:14** RECEIVED BY: **[Signature]**

RECEIVED BY: **[Signature]** DATE/TIME: **9/03 1:39 pm**

COMMENTS: **Non bag per client and other neg. 8/9/20**

FOR LAB USE ONLY

BD: BIO _____ WC _____ MET _____

CC: AA _____ SV _____ VOA _____

SIL: HP _____ PT _____ OT _____ VOA _____

W/HNO₃ _____ H₂SO₄ _____ NaOH _____

PIL: HNO₃ _____ H₂SO₄ _____ NaOH _____ HCL _____