



Tuesday, September 08, 2020

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

Re Lab Order: V090123
 Project ID: NBRID |2810013

Collected By: FERNANDO SAENZ
 PO/Contract #:

Dear Anna Martinez:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, September 02, 2020. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

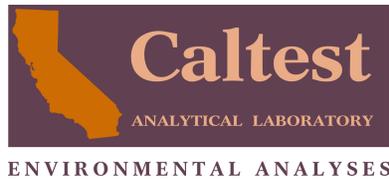
If you have any questions concerning this report, please feel free to contact me.

CC: DHS SantaRosa, Excel

Enclosures

Project Manager: Sandralyn Luna



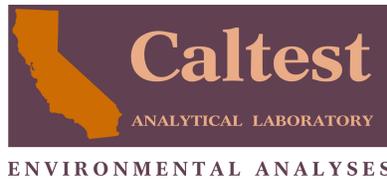
**SAMPLE SUMMARY**

Lab Order: V090123
 Project ID: NBRID |2810013

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|------------|------------------------|----------------|------------------|------------------|
| V090123001 | Z-1 1073 HEADLANDS | Drinking Water | 09/02/2020 10:04 | 09/02/2020 13:16 |
| V090123002 | Z-2 1053 ARROYO GRANDE | Drinking Water | 09/02/2020 10:23 | 09/02/2020 13:16 |
| V090123003 | Z-3 1324 STEELE CANYON | Drinking Water | 09/02/2020 10:34 | 09/02/2020 13:16 |
| V090123004 | Z-4 1091 RIMROCK | Drinking Water | 09/02/2020 10:50 | 09/02/2020 13:16 |
| V090123005 | Z-5 1465 STEELE CANYON | Drinking Water | 09/02/2020 11:23 | 09/02/2020 13:16 |
| V090123006 | Z-6 1021 STEELE CANYON | Drinking Water | 09/02/2020 09:32 | 09/02/2020 13:16 |
| V090123007 | Z-7 1325 HEADLANDS | Drinking Water | 09/02/2020 09:50 | 09/02/2020 13:16 |
| V090123008 | 500k | Water | 09/02/2020 11:06 | 09/02/2020 13:16 |

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NARRATIVE

Lab Order: V090123
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.

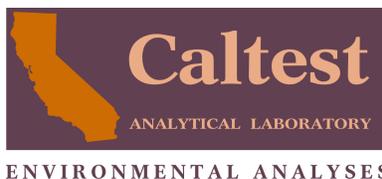
J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

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: V090123
Project ID: NBRID |2810013

| | | | | | | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090123001 | Date Collected | 9/2/2020 10:04 | Matrix | Drinking Water | | |
| Sample ID | Z-1 1073 HEADLANDS | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |

| | | | | | | | |
|--|-------------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090123002 | Date Collected | 9/2/2020 10:23 | Matrix | Drinking Water | | |
| Sample ID | Z-2 1053 ARROYO GRANDE | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |

| | | | | | | | |
|--|-------------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090123003 | Date Collected | 9/2/2020 10:34 | Matrix | Drinking Water | | |
| Sample ID | Z-3 1324 STEELE CANYON | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |

| | | | | | | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090123004 | Date Collected | 9/2/2020 10:50 | Matrix | Drinking Water | | |
| Sample ID | Z-4 1091 RIMROCK | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |

| | | | | | | | |
|--|-------------------------------|-------------------------|----------------|--------|---------------------|-------|------|
| Lab ID | V090123005 | Date Collected | 9/2/2020 11:23 | Matrix | Drinking Water | | |
| Sample ID | Z-5 1465 STEELE CANYON | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |

9/8/2020 15:03

REPORT OF LABORATORY ANALYSIS

Page 4 of 5

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(707) 258-4000 • Fax (707) 226-1001 • e-mail: info@caltestlabs.com





ANALYTICAL RESULTS

Lab Order: V090123
 Project ID: NBRID |2810013

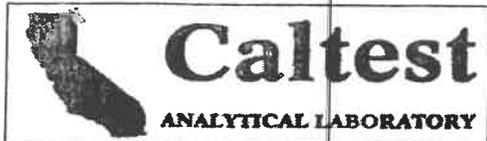
| | | | | | | | |
|------------------|-------------------------------|----------------|------------------|-----------|----------------|-----------|------|
| Lab ID | V090123005 | Date Collected | 9/2/2020 11:23 | Matrix | Drinking Water | | |
| Sample ID | Z-5 1465 STEELE CANYON | Date Received | 9/2/2020 13:16 | | | | |
| Parameters | Result Units | R. L. | DF Prepared | Batch | Analyzed | Batch | Qual |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |

| | | | | | | | |
|--|-------------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090123006 | Date Collected | 9/2/2020 09:32 | Matrix | Drinking Water | | |
| Sample ID | Z-6 1021 STEELE CANYON | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |

| | | | | | | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090123007 | Date Collected | 9/2/2020 09:50 | Matrix | Drinking Water | | |
| Sample ID | Z-7 1325 HEADLANDS | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |

| | | | | | | | |
|--|---------------------------|-------------------------|------------------|-----------|---------------------|-----------|------|
| Lab ID | V090123008 | Date Collected | 9/2/2020 11:06 | Matrix | Water | | |
| Sample ID | 500k | Date Received | 9/2/2020 13:16 | | | | |
| 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: | ACS | |
| Total Coliform | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |
| E. Coli | ABSENT | | 1 09/02/20 14:16 | BML 18670 | 09/03/20 14:43 | BML 18671 | |





Lab Certification (ELAP) #1664

1885 North Kelly Road
 Napa, CA 94558
 Phone: (707) 258-4000
 Fax: (707) 226-1001
 www.caltestlabs.com

LAB NUMBER:

V090123

See attached

Pg 18920 SA

PRELIMINARY COLIFORM RESULTS

RUSH!

CLIENT INFORMATION:

Client: Napa Co Public Works

Phone: (707) 259-8378 Fax: _____

Project: NBRID Attn: _____

Date/Time Set: 9/2/2020 / 1416
 Date/Time Read Out: 9/3/2020 / 1443
 Analyst: AUS

CALTEST SAMPLE SAMPLE
 LAB # DATE TIME

SAMPLE LOCATION DESCRIPTION

Total Coliform

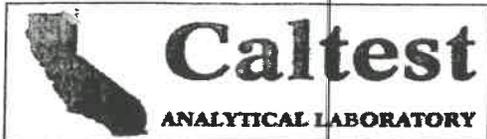
Fecal Coliform
 (E.Coli) AUS 9/3/2020

| LAB # | DATE | TIME | SAMPLE LOCATION DESCRIPTION | Total Coliform | | Fecal Coliform (E.Coli) | |
|-------|--------|------|-----------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| | | | | Present | Absent | Present | Absent |
| - 1 | 9/2/20 | 1004 | 2-1 1073 Headlands | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - 2 | ↓ | 1023 | 2-2 1053 Arroyo Grande | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - 3 | | 1034 | 2-3 1324 Steele Cyn | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - 4 | | 1050 | 2-4 1091 Rimrock | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - 5 | | 1123 | 2-5 1465 Steele Cyn | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - 6 | | 0932 | 2-6 1021 Steele Cyn | <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, a final report will be sent by mail/fax/email as per your request on the sample chain of custody.



Lab Certification (ELAP) #1664

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

LAB NUMBER:

pg 2072
V090123
see attached

PRELIMINARY COLIFORM RESULTS

CLIENT INFORMATION:

Client: Napa Co Public Works

Phone: _____ Fax: _____

Project: _____ Attn: _____

Date/Time Set: 9/2/2020 / 1416
Date/Time Read Out: 9/3/2020 / 1443
Analyst: ACS

| CALTEST LAB # | SAMPLE DATE | SAMPLE TIME | SAMPLE LOCATION DESCRIPTION | Total Coliform | | Fecal Coliform (E.Coli) | |
|---------------|-------------|-------------|-----------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| | | | | Present | Absent | Present | Absent |
| -7 | 9/2/20 | 0950 | 2-7 1325 Headlands | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| -8 | ↓ | 1106 | 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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SAMPLE CHAIN OF CUSTODY

PROJECT # / PROJECT NAME
NR1D

REPORT ATTN:
ANVA MAIRA MARTINEZ

STATE: CA
CITY: Napa
STATE: CA
ZIP: 94558

LAB ORDER #: V090123

CLIENT: NB1D Napa County Public Works
MAILING ADDRESS: 804 First St Napa
BILLING ADDRESS (IF DIFFERENT):
CITY: Napa STATE: CA ZIP: 94558

REPORT ATTN: ANVA MAIRA MARTINEZ
STATE: CA
CITY: Napa STATE: CA ZIP: 94558

ANALYSES REQUESTED
NON-ROUTINE
COUNT OF 1999, 079

TURN-AROUND TIME
 STANDARD
 RUSH

PHONE #: (579) 623-2457

FAX PHONE:

SAMPLER (PRINT & SIGN NAME): Fernando Saenz

DATE: 9/22/09

MUST DUE DATE: ASAP

| CALTEST # | DATE SAMPLED | TIME SAMPLED | MATRIX | CONTAINER AMOUNT/TYP | PRESERVATIVE | SAMPLE IDENTIFICATION SITE | CLIENT LAB # | COMP. GRAB | REMARKS |
|-----------|--------------|--------------|--------|----------------------|--------------|----------------------------|--------------|------------|--------------------|
| -1 | 9-2-20 | 1004 | DW | | TH10 | 2-1 1073 Headlands | | G | 1.19 |
| -2 | 9-2-20 | 1023 | DW | | TH10 | 2-2 6053 always Grande | | G | 1.11 |
| -3 | 9-2-20 | 1034 | DW | | TH10 | 2-3 1324 Steele Canyon | | G | 1.73 |
| -4 | 9-2-20 | 1050 | DW | | TH10 | 2-4 1091 Rimrock | | G | 1.46 |
| -5 | 9-2-20 | 1123 | DW | | TH10 | 2-5 1465 Steele Canyon | | G | 1.36 |
| -6 | 9-2-20 | 0932 | DW | | TH10 | 2-6 1021 Steele Canyon | | G | 1.15 mg/L Residual |
| -7 | 9-2-20 | 0950 | DW | | TH10 | 2-7 1325 Headlands | | G | 1.2 |
| -8 | 9-2-20 | 1106 | DW | | TH10 | 500K | | G | 1.45 |

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

RELINQUISHED BY: DATE/TIME: 9-2-20 12:00
RECEIVED BY: DATE/TIME: 9/22/09 1:16 PM

RELINQUISHED BY: *Fernando Saenz* DATE/TIME: 9-2-20 12:00
RECEIVED BY: *Alicia* DATE/TIME: 9/22/09 1:16 PM

BD: BIO _____ WC _____ MET _____
CC: AA _____ SV _____ VOA _____
SIL: HP _____ PT _____ QT _____ VOA _____
W/HNO₃ _____ H₂SO₄ _____ NaOH _____
PIL: HNO₃ _____ H₂SO₄ _____ NaOH _____ HCL _____

COMMENTS: SEALED: / N INTACT: / N
ON ICE: / N

* NOT Regulatory all others Report to State
Per Client D991200