

Demcon Stomping
2188 National Ave
Hayward, CA 94545

Work Order: GFE0181

Received: 05/03/23 16:29

Reported: 05/12/23 11:31

Private

Sample Site: 12236 Hutto Road
Sample Number GFE0181-01

Date Collected: 05/03/2023 15:30

Collected by: LJ

Title 22 Designation:

No Chlorine Detected

	Result	Units	Reporting Limit	Method	Analyst Initials	Analysis Setup Time	Analysis Date
Iron-related Bacteria test	2200	CFU/ml	25	SM 9240 D	AB	05/03/23 17:40	05/11/23

Work Order Case Narrative

A sample of water from the site listed above was cultured using the HACH Chemical Company's BART system for Iron-Related Bacteria. Results of the test indicate **the presence of 2200 colony-forming-units of Iron-Related Bacteria per 100 mLs of sample.**

To the best of our knowledge, iron bacteria are not harmful to human health. They can create an iron-impregnated slime in the plumbing system, which may cause clogging of filters, accelerated corrosion of galvanized pipes, foul odors, and other aesthetic problems. The slime may also serve as a substrate (food source and/or place to live) for coliform bacteria and sulfate-reducing bacteria. The latter may produce an odor similar to that of rotten eggs, especially when the water sits in the pipes for any length of time. If present, the coliform bacteria may periodically be released into the water, resulting in "non-potable" water test results, even though no health risk may be involved.

Periodic disinfection of the water system with chlorine bleach may help to keep problems under control by preventing the growth of the iron bacteria and related bacteria. Persistent iron bacteria problems may require the installation of a chlorinator.

Integrating people, land and water.

1188 East Main Street, Grass Valley, CA 95945

Phone: (530) 273-7284 | Fax: (530) 273-9507 | www.cranmerengineeringinc.com | E.L.A.P. Certification No. 1936

Sampling • Analytical Testing • Courier Service • System Operators • Engineering • Surveying • Technical Reporting • Planning • Construction Mgmt.

Term and Qualifier Definitions

Item	Definition
ND	None detected at or above the reporting limit



Justin Smith
Laboratory Manager

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Cranmer Engineering, Inc.
Integrated Engineering Services

Sample Receipt

1188 E. Main Street / Grass Valley, CA 95945 / (530) 273-7284 / lab@cranmerengineeringinc.com / ELAP Certification No. 1936

Your emailed report will come from an email labeled "Element LIMS Reports". If you do not see your report in your email, please check your junk/spam folder. Subject line CEI Project:

Name: DB in car

Mailing Address 2189 NATIONAL AVE

2188 National Ave
Hayward CA 94545

Accredited Laboratory Report: YES / NO *See Below

Hard Copy Requested? YES / NO

E-Mail Address: WEMCON @ DRHCON STOPPING.COM

Phone: 510 715 3602

Release results to: 12220

Sample Site 1: ~~28~~ ~~D-20~~ HM NO LONG

Sample Site 2:

Sample Site 3:

Lab Use Only

Temp: 23.5 °C

Probe ID: TROCK

CL₂ Res: ND

DPD ID: 23B1507

Bottle Lot #: B22285C

Condition: _____

Rec'd on ice: ☐

Thio Bottle: ☐

Date: 5/3/23 Time: 3:30 pm By: L.J.

Date: _____ Time: _____ By: _____

Date: _____ Time: _____ By: _____

Chemical Testing

Group Panels	Cost	No.	Due
Basic Panel	75		\$
Real Estate Panel	95		\$
Saturation Index	90		\$
Kitchen Sink	170		\$
Mine Panel	140		\$
Major Minerals	200		\$
D.W. Metals	250		\$
Yuba County Panel	210		\$
Agriculture Panel	145		\$
CEI Comprehensive	440		\$
			\$
			\$
			\$
Total			\$

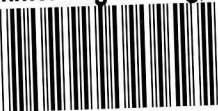
Total Due: 55

Amount Paid: SS

Balance Due: 0

Received By _____

Bacteriological Testing

Bacteria Testing	Cost	No.	Due
Presence/Absence	50		\$
MPN	55		\$
Suspected Sewage	75		\$
HPC	55		\$
Iron Bacteria	55		\$
Swim Water MPN	60		\$
Cranmer Engineering, Inc.			\$ 55
			\$
			\$
			\$
			\$
			\$
			\$
288220			\$
Total			\$ 55

Total	\$ 50
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Date: 5/3/23

Cash, Credit Card, or Check (No. _____)

Notes/Comments:

*Nonaccredited reports may not comply with CaELAP standards. Private clients are defaulted as non-accredited reports unless otherwise marked.

Accredited reports may require subcontracted analysis.

Please Note: Results will not be released until charges have been paid in full.

All hazardous waste samples will be returned to client or billed for disposal.

DOC ID: CEI-DOC-CR061 R 2.1 - Active Date: 4/1/2023

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