

ANALYTICAL REPORT

PREPARED FOR

Attn: Gary Blefigen

DBH H2O Test

17740 OX Spur Ct

Bend, Oregon 97701

Generated 4/20/2026 10:28:02 AM

JOB DESCRIPTION

DBH Drinking Water

JOB NUMBER

175-3201-1

Eurofins Bend

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Drinking Water and Wastewater West, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: DBH H2O Test
Project: DBH Drinking Water

Job ID: 175-3201-1

Job ID: 175-3201-1

Eurofins Bend

Job Narrative 175-3201-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 4/13/2026 11:42 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 12.3°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: DBH Drinking Water (175-3201-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Biology

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Client Sample ID: DBH Drinking Water

Lab Sample ID: 175-3201-1

Date Collected: 04/13/26 11:10

Matrix: Drinking Water

Date Received: 04/13/26 11:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		0.50	mg/L			04/14/26 15:08	1
Sulfate	0.76		0.25	mg/L			04/14/26 15:08	1

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		0.10	mg/L			04/15/26 14:49	1
Iron	0.026		0.010	mg/L			04/15/26 14:49	1
Magnesium	ND		0.10	mg/L			04/15/26 14:49	1
Silica	37		0.043	mg/L			04/15/26 14:49	1
Sodium	29		0.10	mg/L			04/15/26 14:49	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0023		0.0010	mg/L			04/15/26 16:01	1
Manganese	ND		0.0020	mg/L			04/15/26 16:01	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total hardness as CaCO3	ND		2.9	mg/L			04/16/26 05:38	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (SM Nitrate by calc)	0.12		0.0050	mg/L			04/20/26 10:11	1
Total Alkalinity as CaCO3 (SM 2320B)	60.5		2.0	mg/L			04/15/26 22:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	60.5		2.0	mg/L			04/15/26 22:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	ND		2.0	mg/L			04/15/26 22:48	1
Hydroxide Alkalinity as CaCO3 (SM 2320B)	ND		2.0	mg/L			04/15/26 22:48	1
Phenolphthalein Alkalinity as CaCO3 (SM 2320B)	ND		2.0	mg/L			04/15/26 22:48	1
Specific Conductance (SM 2510B)	130		2.0	umhos/cm			04/15/26 22:48	1
Total Dissolved Solids (SM 2540C)	130		20	mg/L			04/14/26 16:57	1
pH (SM 4500 H+ B)	7.8	HF	0.01	SU			04/17/26 14:36	1
Temperature (SM 4500 H+ B)	20.8	HF	0.01	Celsius			04/17/26 14:36	1
Nitrate Nitrite as N (SM 4500 NO3 F)	0.12		0.010	mg/L			04/14/26 15:34	1
Nitrite as N (SM 4500 NO3 F)	ND		0.0050	mg/L			04/14/26 15:34	1

Method: SM 9223B - Coliforms, Total, and E.Coli (Colilert - Presence/Absence)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	ABSENT			NONE			04/13/26 16:15	1
Coliform, Total	ABSENT			NONE			04/13/26 16:15	1

Eurofins Bend

Action Limit Summary

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Client Sample ID: DBH Drinking Water

Lab Sample ID: 175-3201-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	OR DW	RL	Method	Prep Type
				Limit			
Sodium	29		mg/L	200	0.10	200.7	Total/NA
Arsenic	0.0023		mg/L	0.01	0.0010	200.8	Total/NA
Nitrate as N	0.12		mg/L	10	0.0050	Nitrate by calc	Total/NA
Nitrate Nitrite as N	0.12		mg/L	10	0.010	SM 4500 NO3 F	Total/NA
Nitrite as N	ND		mg/L	1	0.0050	SM 4500 NO3 F	Total/NA

Lab Chronicle

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Client Sample ID: DBH Drinking Water

Lab Sample ID: 175-3201-1

Date Collected: 04/13/26 11:10

Matrix: Drinking Water

Date Received: 04/13/26 11:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	219932	BG6L	EA POM	04/14/26 15:08
Total/NA	Analysis	200.7		1	220295	MF7S	EA POM	04/15/26 14:49
Total/NA	Analysis	200.8		1	220311	VB9B	EA POM	04/15/26 16:01
Total/NA	Analysis	SM 2340B		1	220417	C4WQ	EA POM	04/16/26 05:38
Total/NA	Analysis	Nitrate by calc		1	1547	CDD	EET BEN	04/20/26 10:11
Total/NA	Analysis	SM 2320B		1	220459	PK4Q	EA POM	04/15/26 22:48
Total/NA	Analysis	SM 2510B		1	220462	PK4Q	EA POM	04/15/26 22:48
Total/NA	Analysis	SM 2540C		1	220053	UJRF	EA POM	04/14/26 16:57
Total/NA	Analysis	SM 4500 H+ B		1	1546	LF	EET BEN	04/17/26 14:36
Total/NA	Analysis	SM 4500 NO3 F		1	1534	LF	EET BEN	04/14/26 15:34
Total/NA	Analysis	SM 9223B		1	1529	CDD	EET BEN	04/13/26 16:15 - 04/14/26 10:52 ¹

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

EET BEN = Eurofins Bend, 20332 Empire Ave, Suite F4, Bend, OR 97701, TEL (541)639-8425

Accreditation/Certification Summary

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Laboratory: Eurofins Bend

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4075	11-02-27
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Drinking Water	pH
SM 4500 H+ B		Drinking Water	Temperature

Laboratory: Eurofins Pomona

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5890.01 & 5890.02	06-30-27
Alabama	State	41060	06-18-26
Arizona	State	AZ0833	02-27-27
Arkansas (DW)	State	CA00006	01-31-27
California	State	2813	06-18-27
Colorado	State	CA00006	01-31-27
Connecticut	State	PH-0107	03-31-26 *
Delaware (DW)	State	CA00006	01-31-27
Florida	NELAP	E871024	06-30-26
Georgia (DW)	State	947	01-31-26 *
Guam	State	26-03R	03-31-27
Hawaii	State	CA00006	01-31-26 *
Hawaii (Micro)	State	CA00006	01-31-27
Idaho (DW)	State	CA00006	01-31-27
Idaho (Micro)	State	CA00006	03-31-26 *
Illinois	NELAP	200033	03-31-27
Indiana	State	C-CA-01	06-18-27
Kansas	NELAP	E-10268	04-30-26
Kentucky (DW)	State	KY90107	12-31-26
Louisiana (DW)	State	LA008	12-31-26
Maine	State	CA00006A	03-08-28
Maryland	State	224	03-31-27
Massachusetts	State	M-CA006	06-30-26
MI - RadChem Recognition	State	9906	03-17-26 *
Michigan	State	9906	03-17-26 *
Mississippi	State	CA00006	01-31-27
Montana (DW)	State	CERT0035	01-01-27
Nebraska	State	NE-OS-21-13	01-31-27
Nevada	State	CA00006	07-31-26
New Hampshire	NELAP	2959	03-29-26 *
New Jersey	NELAP	CA008	06-30-26
New Mexico	State	CA00006	01-31-27
New York	NELAP	11320	04-01-27
North Carolina (DW)	State	06701	07-31-26
North Dakota	State	R-009	01-31-26 *
Northern Mariana Islands (DW)	State	CA00006	01-31-27
Ohio	State	87786	01-31-27
Oregon	NELAP	4034	01-29-27
Pennsylvania	NELAP	68-00565	10-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Bend

Accreditation/Certification Summary

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Laboratory: Eurofins Pomona (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Puerto Rico	State	CA00006	03-31-27
Rhode Island	State	LAO00381	12-30-26
South Dakota (DW)	State	CA11320	06-18-27
Tennessee	State	TN02839	06-18-26
Texas	NELAP	T104704230	09-30-26
Utah	NELAP	CA00006	01-31-27
Vermont	State	VT-0114	01-22-27
Virginia	NELAP	460260	06-14-26
Washington	State	C838	03-13-27
Wyoming	State	8-TMS-L	06-18-27

Method Summary

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EA POM
200.7	Metals (ICP)	EPA	EA POM
200.8	Metals (ICP/MS)	EPA	EA POM
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	EA POM
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET BEN
SM 2320B	Alkalinity	SM	EA POM
SM 2510B	Conductivity, Specific Conductance	SM	EA POM
SM 2540C	Solids, Total Dissolved (TDS)	SM	EA POM
SM 4500 H+ B	pH	SM	EET BEN
SM 4500 NO3 F	Nitrogen, Nitrate	SM	EET BEN
SM 9223B	Coliforms, Total, and E.Coli (Colilert - Presence/Absence)	SM	EET BEN
None	Autocomplete Prep - Metals - No Digestion required	None	EA POM

Protocol References:

EPA = US Environmental Protection Agency
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100
EET BEN = Eurofins Bend, 20332 Empire Ave, Suite F4, Bend, OR 97701, TEL (541)639-8425

Sample Summary

Client: DBH H2O Test
Project/Site: DBH Drinking Water

Job ID: 175-3201-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
175-3201-1	DBH Drinking Water	Drinking Water	04/13/26 11:10	04/13/26 11:42	Oregon

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

0322 Empire Ave Suite F4
Bend, OR 97703
Phone (541) 639-8425

Chain of Custody Record



NS

[illegible]

Phone: 541-639-8425 Fax: 541-999-9999

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Cash in Advance (Bend)

Job Number: 175-3201-1

Login Number: 3201

List Source: Eurofins Bend

List Number: 1

Creator: DeMuro, Cameron D

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Cash in Advance (Bend)

Job Number: 175-3201-1

Login Number: 3201

List Number: 2

Creator: Tran, Kristine

List Source: Eurofins Pomona

List Creation: 04/14/26 10:44 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Sample Preservative Verified	True	
Container provided by EEA	True	