

UMPQUA Research Company

626 NE Division St. - P.O. Box 609
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 E-mail: Lab@URCmail.net
 Internet: http://ChemLab.cc
 ORELAP ID# OR100031

ANALYSIS REPORT

URC # 5072212

Deschutes River Alliance
 PO Box 440
 Maupin, OR 97037

Project: General
 Project #: No Project
 Client Contact: Greg McMillan

Date Reported: 08/04/15
 Date Sampled: 07/21/15 09:10
 Date Received: 07/22/15 12:40
 Sampled By: Greg McMillan

Sample Location: Site #5 Metolius River Mouth

URC Sample #: 5072212-01

Matrix: Aqueous

Inorganics

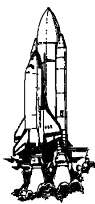
Analyte	Code	Result	Units	MRL	BML	Prepared	Analyzed	Analyst	Qualifier
-									
Chlorophyll-a		0.0005	mg/L	0.0003		07/22/15 14:06	07/22/15	TDL	O-07
EPA 300.0									
Nitrate as N		ND	mg/L	0.10		07/22/15 13:55	07/22/15	TDL	
Nitrite as N		ND	mg/L	0.01		07/22/15 13:55	07/22/15	TDL	
Nitrate/Nitrite as N		ND	mg/L	0.10		07/22/15 13:55	07/22/15	TDL	
Phosphate, ortho as P		0.06	mg/L	0.03		07/22/15 13:55	07/22/15	TDL	
SM 4500Norg B									
Total Kjeldahl Nitrogen		ND	mg/L	0.200		07/28/15	07/29/15	DJP	
SM 4500P									
Phosphorus-Total		0.078	mg/L	0.050		07/23/15	07/27/15	TDL	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document.

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Tom Williams, Laboratory Manager



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URC # 5072212

Deschutes River Alliance	Project: General	Date Reported: 08/04/15
PO Box 440		Date Sampled: 07/21/15 10:40
Maupin, OR 97037	Project #: No Project	Date Received: 07/22/15 12:40
	Client Contact: Greg McMillan	Sampled By: Greg McMillan

Sample Location: Site #7 Deschutes River Mouth

URC Sample #: 5072212-02

Matrix: Aqueous

Inorganics

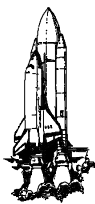
Analyte	Code	Result	Units	MRL	BML	Prepared	Analyzed	Analyst	Qualifier
-									
Chlorophyll-a		0.0008	mg/L	0.0003		07/22/15 14:06	07/22/15	TDL	O-07
EPA 300.0									
Nitrate as N		0.28	mg/L	0.10		07/22/15 13:55	07/22/15	TDL	
Nitrite as N		ND	mg/L	0.01		07/22/15 13:55	07/22/15	TDL	
Nitrate/Nitrite as N		0.28	mg/L	0.10		07/22/15 13:55	07/22/15	TDL	
Phosphate, ortho as P		0.08	mg/L	0.03		07/22/15 13:55	07/22/15	TDL	
SM 4500Norg B									
Total Kjeldahl Nitrogen		0.234	mg/L	0.200		07/28/15	07/29/15	DJP	
SM 4500P									
Phosphorus-Total		0.076	mg/L	0.050		07/23/15	07/27/15	TDL	

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ANALYSIS REPORT

URC # 5072212

Deschutes River Alliance	Project: General	Date Reported: 08/04/15
PO Box 440		Date Sampled: 07/21/15 11:55
Maupin, OR 97037	Project #: No Project	Date Received: 07/22/15 12:40
	Client Contact: Greg McMillan	Sampled By: Greg McMillan

Sample Location: Site #9 Crooked River Mouth

URC Sample #: 5072212-03

Matrix: Aqueous

Inorganics

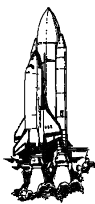
Analyte	Code	Result	Units	MRL	BML	Prepared	Analyzed	Analyst	Qualifier
-									
Chlorophyll-a		ND	mg/L	0.0003		07/22/15 14:06	07/22/15	TDL	O-07
EPA 300.0									
Nitrate as N		0.43	mg/L	0.10		07/22/15 13:55	07/22/15	TDL	
Nitrite as N		ND	mg/L	0.01		07/22/15 13:55	07/22/15	TDL	
Nitrate/Nitrite as N		0.43	mg/L	0.10		07/22/15 13:55	07/22/15	TDL	
Phosphate, ortho as P		0.05	mg/L	0.03		07/22/15 13:55	07/22/15	TDL	
SM 4500Norg B									
Total Kjeldahl Nitrogen		0.252	mg/L	0.200		07/28/15	07/29/15	DJP	
SM 4500P									
Phosphorus-Total		0.085	mg/L	0.050		07/23/15	07/27/15	TDL	

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URC # 5072212

Qualifiers and Definitions

O-07	Sample received outside recommended method hold time. Sample analyzed per client request.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the MRL (minimum reporting limit)
NA	Not Applicable
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MRL	Minimum Reporting Limit
MDL	Minimum Detection Limit
BML	Benchmark Level
(‡)	ORELAP Accredited Analyte
(~)	Due to rounding of individual analytes, the "total" may vary slightly from the sum of the individual analyte values.

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