

UMPQUA Research Company

626 NE Division St. - P.O. Box 609
 Myrtle Creek, Oregon 97457
 (541) 863-5201 Fax: (541) 863-6199
 E-mail: Lab@URCmail.net
 Internet: http://ChemLab.cc
 ORELAP ID# OR100031

ANALYSIS REPORT

URC # 5110518

Deschutes River Alliance
 PO Box 440
 Maupin, OR 97037

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

Date Reported: 11/20/15
 Date Sampled: 11/04/15 09:28
 Date Received: 11/05/15 11:40
 Sampled By: GM

Sample Location: Crooked River @ Mouth Surface
 Sample Site #9

URC Sample #: 5110518-01

Matrix: Aqueous

Inorganics

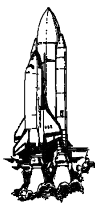
Analyte	Code	Result	Units	MRL	BML	Prepared	Analyzed	Analyst	Qualifier
-									
Chlorophyll-a		0.0004	mg/L	0.0003		11/05/15 12:33	11/20/15	TDL	O-07
EPA 300.0									
Nitrate as N		0.55	mg/L	0.10		11/05/15 12:31	11/05/15	TDL	
Nitrite as N		ND	mg/L	0.01		11/05/15 12:31	11/05/15	TDL	
Nitrate/Nitrite as N		0.55	mg/L	0.10		11/05/15 12:31	11/05/15	TDL	
Phosphate, ortho as P		0.12	mg/L	0.03		11/05/15 12:31	11/05/15	TDL	
SM 4500Norg B									
Total Kjeldahl Nitrogen		0.211	mg/L	0.200		11/16/15	11/16/15	DJP	
SM 4500P									
Phosphorus-Total		0.079	mg/L	0.050		11/16/15	11/20/15	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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ANALYSIS REPORT

URC # 5110518

Deschutes River Alliance	Project: General	Date Reported: 11/20/15
PO Box 440		Date Sampled: 11/04/15 10:50
Maupin, OR 97037	Project #: No Project	Date Received: 11/05/15 11:40
	Client Contact: Greg McMillan	Sampled By: GM

Sample Location: Middle Deschutes R @ Mouth
 Surface Sample Site #7

URC Sample #: 5110518-02

Matrix: Aqueous

Inorganics

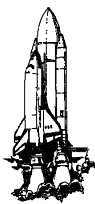
Analyte	Code	Result	Units	MRL	BML	Prepared	Analyzed	Analyst	Qualifier
-									
Chlorophyll-a		ND	mg/L	0.0003		11/05/15 12:33	11/20/15	TDL	O-07
EPA 300.0									
Nitrate as N		0.17	mg/L	0.10		11/05/15 12:31	11/05/15	TDL	
Nitrite as N		ND	mg/L	0.01		11/05/15 12:31	11/05/15	TDL	
Nitrate/Nitrite as N		0.17	mg/L	0.10		11/05/15 12:31	11/05/15	TDL	
Phosphate, ortho as P		0.07	mg/L	0.03		11/05/15 12:31	11/05/15	TDL	
SM 4500Norg B									
Total Kjeldahl Nitrogen		ND	mg/L	0.200		11/16/15	11/16/15	DJP	
SM 4500P									
Phosphorus-Total		0.077	mg/L	0.050		11/16/15	11/20/15	TDL	

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ANALYSIS REPORT

URC # 5110518

Deschutes River Alliance
 PO Box 440
 Maupin, OR 97037

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

Date Reported: 11/20/15
 Date Sampled: 11/04/15 12:00
 Date Received: 11/05/15 11:40
 Sampled By: GM

Sample Location: Metolius River @ Mouth Surface
 Sample Site #5

URC Sample #: 5110518-03

Matrix: Aqueous

Inorganics

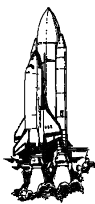
Analyte	Code	Result	Units	MRL	BML	Prepared	Analyzed	Analyst	Qualifier
-									
Chlorophyll-a		0.0010	mg/L	0.0003		11/05/15 12:33	11/20/15	TDL	O-07
EPA 300.0									
Nitrate as N		ND	mg/L	0.10		11/05/15 12:31	11/05/15	TDL	
Nitrite as N		ND	mg/L	0.01		11/05/15 12:31	11/05/15	TDL	
Nitrate/Nitrite as N		ND	mg/L	0.10		11/05/15 12:31	11/05/15	TDL	
Phosphate, ortho as P		0.08	mg/L	0.03		11/05/15 12:31	11/05/15	TDL	
SM 4500Norg B									
Total Kjeldahl Nitrogen		ND	mg/L	0.200		11/16/15	11/16/15	DJP	
SM 4500P									
Phosphorus-Total		0.077	mg/L	0.050		11/16/15	11/20/15	TDL	

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ANALYSIS REPORT

URC # 5110518

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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