

# 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 # 6071228

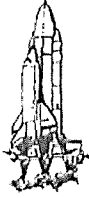
Sutherlin School 130 531 E. Central Ave Sutherlin, OR 97479	Project: General  Client Contact: Rick Holder	Date Reported: 07/25/16 Date Received: 07/12/16 10:30 Sampled By: Sutherlin School 130
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Method: EPA 200.8		Matrix: Drinking Water									
	Sample Location	Code	Result	Units	MRL	MCL	Sampled	Analyzed	Analyst	Qualifier	
6071228-01	Sample Location: W-9										
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 06:30	07/13/16	DJP		
Copper			0.665	mg/L	0.010	1.3	07/07/16 06:30	07/13/16	DJP		
6071228-02	Sample Location: W-10										
Lead		1030	0.002	mg/L	0.002	0.02	07/07/16 06:30	07/13/16	DJP		
Copper			0.178	mg/L	0.010	1.3	07/07/16 06:30	07/13/16	DJP		
6071228-03	Sample Location: W-11										
Lead		1030	0.003	mg/L	0.002	0.02	07/07/16 06:30	07/13/16	DJP		
Copper			0.174	mg/L	0.010	1.3	07/07/16 06:30	07/13/16	DJP		
6071228-04	Sample Location: W-12										
Lead		1030	0.002	mg/L	0.002	0.02	07/07/16 06:30	07/13/16	DJP		
Copper			0.142	mg/L	0.010	1.3	07/07/16 06:30	07/13/16	DJP		
6071228-05	Sample Location: W-0.13										
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 06:36	07/13/16	DJP		
Copper			0.218	mg/L	0.010	1.3	07/07/16 06:36	07/13/16	DJP		
6071228-06	Sample Location: W-13										
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 06:36	07/13/16	DJP		
Copper			0.057	mg/L	0.010	1.3	07/07/16 06:36	07/13/16	DJP		
6071228-07	Sample Location: W-14										
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 06:44	07/13/16	DJP		
Copper			0.052	mg/L	0.010	1.3	07/07/16 06:44	07/13/16	DJP		
6071228-08	Sample Location: W-15										
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 06:46	07/13/16	DJP		
Copper			0.050	mg/L	0.010	1.3	07/07/16 06:46	07/13/16	DJP		
6071228-09	Sample Location: W-16										

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Method: EPA 200.8

Matrix: Drinking Water

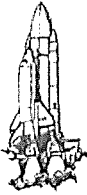
	Sample Location	Code	Result	Units	MRL	MCL	Sampled	Analyzed	Analyst	Qualifier
		1030	ND	mg/L	0.002	0.02	07/07/16 06:50	07/13/16	DJP	
			0.051	mg/L	0.010	1.3	07/07/16 06:50	07/13/16	DJP	
6071228-10	Sample Location: W-Kitchen									
		1030	ND	mg/L	0.002	0.02	07/07/16 07:05	07/13/16	DJP	
			0.242	mg/L	0.010	1.3	07/07/16 07:05	07/13/16	DJP	
6071228-11	Sample Location: W-Gym 01									
		1030	0.002	mg/L	0.002	0.02	07/07/16 06:57	07/13/16	DJP	
			0.499	mg/L	0.010	1.3	07/07/16 06:57	07/13/16	DJP	
6071228-12	Sample Location: W-21-Head Start									
		1030	ND	mg/L	0.002	0.02	07/07/16 06:55	07/13/16	DJP	
			0.079	mg/L	0.010	1.3	07/07/16 06:55	07/13/16	DJP	
6071228-13	Sample Location: MS-Gym									
		1030	ND	mg/L	0.002	0.02	07/11/16 06:45	07/13/16	DJP	
			0.038	mg/L	0.010	1.3	07/11/16 06:45	07/13/16	DJP	
6071228-14	Sample Location: MS-Act Center									
		1030	ND	mg/L	0.002	0.02	07/11/16 07:20	07/13/16	DJP	
			0.622	mg/L	0.010	1.3	07/11/16 07:20	07/13/16	DJP	
6071228-15	Sample Location: MS-Gym Lobby									
		1030	0.005	mg/L	0.002	0.02	07/11/16 06:50	07/13/16	DJP	
			0.028	mg/L	0.010	1.3	07/11/16 06:50	07/13/16	DJP	
6071228-16	Sample Location: MS-R12									
		1030	ND	mg/L	0.002	0.02	07/11/16 06:55	07/13/16	DJP	
			0.609	mg/L	0.010	1.3	07/11/16 06:55	07/13/16	DJP	
6071228-17	Sample Location: MS-Kitchen									
		1030	0.002	mg/L	0.002	0.02	07/11/16 07:24	07/13/16	DJP	
			1.738	mg/L	0.010	1.3	07/11/16 07:24	07/13/16	DJP	CON-1
6071228-18	Sample Location: W-1									
		1030	ND	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
			0.264	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-19	Sample Location: W-2									

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**URC # 6071228**

Method: EPA 200.8

Matrix: Drinking Water

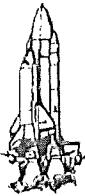
	Sample Location	Code	Result	Units	MRL	MCL	Sampled	Analyzed	Analyst	Qualifier
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 07:03	07/13/16	DJP	
Copper			0.165	mg/L	0.010	1.3	07/07/16 07:03	07/13/16	DJP	
6071228-20	Sample Location: W-3									
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
Copper			0.793	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-21	Sample Location: W-4									
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
Copper			0.740	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-22	Sample Location: W-05									
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
Copper			0.092	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-23	Sample Location: W-5									
Lead		1030	0.004	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
Copper			0.114	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-24	Sample Location: W-6									
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
Copper			0.113	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-25	Sample Location: W-7									
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
Copper			0.096	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-26	Sample Location: W-8									
Lead		1030	0.005	mg/L	0.002	0.02	07/07/16 07:00	07/13/16	DJP	
Copper			0.219	mg/L	0.010	1.3	07/07/16 07:00	07/13/16	DJP	
6071228-27	Sample Location: W-09									
Lead		1030	ND	mg/L	0.002	0.02	07/07/16 06:30	07/13/16	DJP	
Copper			0.558	mg/L	0.010	1.3	07/07/16 06:30	07/13/16	DJP	
6071228-28	Sample Location: E-240									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 07:40	07/13/16	DJP	
Copper			1.597	mg/L	0.010	1.3	07/11/16 07:40	07/14/16	DJP	QM-03, CON-1
6071228-29	Sample Location: E-241									

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Matrix: Drinking Water

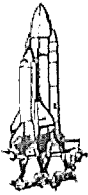
	Sample Location	Code	Result	Units	MRL	MCL	Sampled	Analyzed	Analyst	Qualifier
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 07:41	07/13/16	DJP	
Copper			1.320	mg/L	0.010	1.3	07/11/16 07:41	07/14/16	DJP	CON-1
6071228-30	Sample Location: E-242									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 07:36	07/13/16	DJP	
Copper			1.312	mg/L	0.010	1.3	07/11/16 07:36	07/14/16	DJP	CON-1
6071228-31	Sample Location: E-243									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 07:43	07/13/16	DJP	
Copper			1.465	mg/L	0.010	1.3	07/11/16 07:43	07/14/16	DJP	CON-1
6071228-32	Sample Location: E-244									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 07:35	07/13/16	DJP	
Copper			1.120	mg/L	0.010	1.3	07/11/16 07:35	07/14/16	DJP	
6071228-33	Sample Location: E-TLC									
Lead		1030	0.015	mg/L	0.002	0.02	07/11/16 08:40	07/13/16	DJP	
Copper			0.040	mg/L	0.010	1.3	07/11/16 08:40	07/13/16	DJP	
6071228-34	Sample Location: E-Kitchen									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:40	07/13/16	DJP	
Copper			0.987	mg/L	0.010	1.3	07/11/16 08:40	07/14/16	DJP	
6071228-35	Sample Location: E-Gym									
Lead		1030	0.004	mg/L	0.002	0.02	07/11/16 08:37	07/13/16	DJP	
Copper			0.197	mg/L	0.010	1.3	07/11/16 08:37	07/13/16	DJP	
6071228-36	Sample Location: HS-Band									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 10:25	07/13/16	DJP	
Copper			0.137	mg/L	0.010	1.3	07/11/16 10:25	07/13/16	DJP	
6071228-37	Sample Location: HS-Kitchen									
Lead		1030	0.006	mg/L	0.002	0.02	07/11/16 10:56	07/13/16	DJP	
Copper			0.047	mg/L	0.010	1.3	07/11/16 10:56	07/13/16	DJP	
6071228-38	Sample Location: HS-Parrish									
Lead		1030	0.007	mg/L	0.002	0.02	07/11/16 10:48	07/13/16	DJP	
Copper			0.251	mg/L	0.010	1.3	07/11/16 10:48	07/13/16	DJP	
6071228-39	Sample Location: HS-Office									

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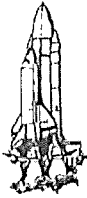
	Sample Location	Code	Result	Units	MRL	MCL	Sampled	Analyzed	Analyst	Qualifier
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 10:41	07/13/16	DJP	
Copper			2.203	mg/L	0.010	1.3	07/11/16 10:41	07/14/16	DJP	CON-1
6071228-40	Sample Location: HS-Freshman Wing									
Lead		1030	0.002	mg/L	0.002	0.02	07/11/16 10:43	07/13/16	DJP	
Copper			0.324	mg/L	0.010	1.3	07/11/16 10:43	07/13/16	DJP	
6071228-41	Sample Location: HS-ATC Center 01									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 10:37	07/13/16	DJP	
Copper			1.341	mg/L	0.010	1.3	07/11/16 10:37	07/14/16	DJP	CON-1
6071228-42	Sample Location: HS-ATC Center 02									
Lead		1030	0.003	mg/L	0.002	0.02	07/11/16 10:40	07/13/16	DJP	
Copper			1.090	mg/L	0.010	1.3	07/11/16 10:40	07/14/16	DJP	
6071228-43	Sample Location: HS-Gym									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 10:00	07/13/16	DJP	
Copper			0.834	mg/L	0.010	1.3	07/11/16 10:00	07/13/16	DJP	
6071228-44	Sample Location: HS-Gym Lobby									
Lead		1030	0.004	mg/L	0.002	0.02	07/11/16 10:05	07/13/16	DJP	
Copper			0.860	mg/L	0.010	1.3	07/11/16 10:05	07/13/16	DJP	
6071228-45	Sample Location: HS-R21									
Lead		1030	0.005	mg/L	0.002	0.02	07/11/16 11:00	07/13/16	DJP	
Copper			1.556	mg/L	0.010	1.3	07/11/16 11:00	07/14/16	DJP	CON-1
6071228-46	Sample Location: HS-R22									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 10:58	07/13/16	DJP	
Copper			1.258	mg/L	0.010	1.3	07/11/16 10:58	07/14/16	DJP	
6071228-47	Sample Location: HS-R23									
Lead		1030	0.011	mg/L	0.002	0.02	07/11/16 10:56	07/13/16	DJP	
Copper			1.294	mg/L	0.010	1.3	07/11/16 10:56	07/14/16	DJP	
6071228-48	Sample Location: HS-R24									
Lead		1030	0.003	mg/L	0.002	0.02	07/11/16 11:05	07/13/16	DJP	
Copper			1.266	mg/L	0.010	1.3	07/11/16 11:05	07/14/16	DJP	
6071228-49	Sample Location: E-223									

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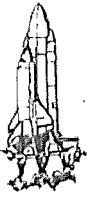
	Sample Location	Code	Result	Units	MRL	MCL	Sampled	Analyzed	Analyst	Qualifier
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:07	07/13/16	DJP	
Copper			1.767	mg/L	0.010	1.3	07/11/16 08:07	07/14/16	DJP	CON-1
6071228-50	Sample Location: E-225									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:10	07/13/16	DJP	
Copper			1.538	mg/L	0.010	1.3	07/11/16 08:10	07/14/16	DJP	CON-1
6071228-51	Sample Location: E-226									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:10	07/13/16	DJP	
Copper			1.372	mg/L	0.010	1.3	07/11/16 08:10	07/14/16	DJP	CON-1
6071228-52	Sample Location: E-227									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:09	07/13/16	DJP	
Copper			1.319	mg/L	0.010	1.3	07/11/16 08:09	07/14/16	DJP	CON-1
6071228-53	Sample Location: E-228									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:11	07/13/16	DJP	
Copper			1.421	mg/L	0.010	1.3	07/11/16 08:11	07/14/16	DJP	CON-1
6071228-54	Sample Location: E-229									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:08	07/13/16	DJP	
Copper			1.287	mg/L	0.010	1.3	07/11/16 08:08	07/14/16	DJP	
6071228-55	Sample Location: E-230									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:07	07/13/16	DJP	
Copper			1.372	mg/L	0.010	1.3	07/11/16 08:07	07/14/16	DJP	CON-1
6071228-56	Sample Location: E-213									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 07:50	07/13/16	DJP	
Copper			1.693	mg/L	0.010	1.3	07/11/16 07:50	07/14/16	DJP	CON-1
6071228-57	Sample Location: E-245									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:45	07/13/16	DJP	
Copper			1.400	mg/L	0.010	1.3	07/11/16 08:45	07/14/16	DJP	CON-1
6071228-58	Sample Location: E-123									
Lead		1030	ND	mg/L	0.002	0.02	07/11/16 08:27	07/13/16	DJP	
Copper			1.484	mg/L	0.010	1.3	07/11/16 08:27	07/14/16	DJP	CON-1
6071228-59	Sample Location: E-124									

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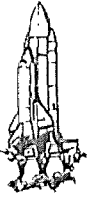
Sample Location	Code	Result	Units	MRL	MCL	Sampled	Analyzed	Analyst	Qualifier
Lead	1030	ND	mg/L	0.002	0.02	07/11/16 08:26	07/13/16	DJP	
Copper		1.493	mg/L	0.010	1.3	07/11/16 08:26	07/14/16	DJP	CON-1
6071228-60 Sample Location: E-125									
Lead	1030	ND	mg/L	0.002	0.02	07/11/16 08:18	07/13/16	DJP	
Copper		1.482	mg/L	0.010	1.3	07/11/16 08:18	07/14/16	DJP	CON-1
6071228-61 Sample Location: E-126									
Lead	1030	0.002	mg/L	0.002	0.02	07/11/16 08:21	07/13/16	DJP	
Copper		1.199	mg/L	0.010	1.3	07/11/16 08:21	07/14/16	DJP	
6071228-62 Sample Location: E-127									
Lead	1030	ND	mg/L	0.002	0.02	07/11/16 08:19	07/13/16	DJP	
Copper		1.371	mg/L	0.010	1.3	07/11/16 08:19	07/14/16	DJP	CON-1
6071228-63 Sample Location: E-128									
Lead	1030	0.002	mg/L	0.002	0.02	07/11/16 08:20	07/13/16	DJP	
Copper		1.387	mg/L	0.010	1.3	07/11/16 08:20	07/14/16	DJP	CON-1
6071228-64 Sample Location: E-215									
Lead	1030	ND	mg/L	0.002	0.02	07/11/16 07:51	07/13/16	DJP	
Copper		1.282	mg/L	0.010	1.3	07/11/16 07:51	07/14/16	DJP	
6071228-65 Sample Location: E-217									
Lead	1030	ND	mg/L	0.002	0.02	07/11/16 08:01	07/13/16	DJP	
Copper		1.599	mg/L	0.010	1.3	07/11/16 08:01	07/16/16	DJP	CON-1
6071228-66 Sample Location: E-218									
Lead	1030	ND	mg/L	0.002	0.02	07/11/16 08:00	07/13/16	DJP	
Copper		1.705	mg/L	0.010	1.3	07/11/16 08:00	07/16/16	DJP	CON-1
6071228-67 Sample Location: E-222									
Lead	1030	0.003	mg/L	0.002	0.02	07/11/16 08:03	07/13/16	DJP	
Copper		1.188	mg/L	0.010	1.3	07/11/16 08:03	07/16/16	DJP	

UMPQUA Research Company/MC

Tom Williams, Laboratory Manager

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

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## 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 # 6071228

### Qualifiers and Definitions

QM-03	The spike recovery was outside acceptance limits for the MS due to matrix interference. The LCS were within acceptance limits showing the analysis is in control and the data is acceptable.
CON-1	Results confirmed by duplicate analysis.
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
MCL	Maximum Contamination 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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