

Analytical Laboratory Group, Inc.
361 West Fifth Avenue ♦ Eugene, OR 97401
541-485-8404 ♦ 1-800-262-5973
Fax: 541-484-5995

Oregon ORELAP Accredited
Laboratory ID# OR100012
Accredited in accordance with NELAP/TNI
Accredited analytes marked "¥"

ANALYSIS REPORT

System	Lawrence Subdivision Water Association, Inc	Lab Order No.	1905253
PWS ID#	OR4100474	Date Received	5/6/2019
Attention	James Lee		
Bill To	Lawrence Subdivision Water Assoc, C/O Koopman		
Address	1055 W. Airway Road, Suite C102		
	Lebanon, OR 97355		

CASE NARRATIVE

This report presents the results of the analyses of the sample(s) received on the date above and assigned the listed ALG lab report numbers. Test results relate only to the parameters tested and to the samples as received by the laboratory. This report shall not be reproduced, except in full, without written consent of Analytical Laboratory Group, Inc.

ALG recommends that Public Water Systems monitor the Oregon DHS website (<http://170.104.158.45/inventory.php3>) to verify that all expected compliance testing results have been entered.

Analyses were performed according to the Analytical Laboratory Group, Inc. Quality Assurance Program. All QA/QC requirements were met and test results meet all requirements of NELAP/TNI except as noted below. Analytical comments are noted with data flags on the reports.

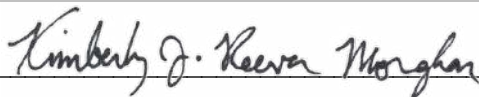
For the analyses performed by ALG: No anomalies associated with the analysis of these sample(s) were observed.

Metals by EPA 200.8 were analyzed by Neilson Research Corporation, Medford, OR; ORELAP ID# OR100016. No anomalies associated with the analysis of these sample(s) were reported except as noted in the NRC Case Narrative or qualified with data flags on the NRC report. For NRC Case Narrative see ALG Report Page 7.

Synthetic Organic Chemicals (SOCs) were analyzed by Neilson Research Corporation, Medford, OR; ORELAP ID# OR100016. No anomalies associated with the analysis of these sample(s) were reported except as noted in the NRC Case Narrative or qualified with data flags on the NRC report. For NRC Case Narrative see ALG Report Page 7.

Volatile Organic Compounds by EPA 524.2 were cancelled due to laboratory error. They will be resampled.

Approved



Laboratory Quality Manager

Date 5/30/2019

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ANALYSIS REPORT

System	Lawrence Subdivision Water Association, Inc	Lab Sample ID	1905253-001
PWS ID#	OR4100474	Date Received	5/6/19 1500
Source ID	EP-A	Collection Date	5/6/19 1242
		Collected By	Jason Inman per ALG SOP #G141
Attention	James Lee	Sample Point	Entry Point
Bill To	Lawrence Subdivision Water Assoc, C/O Koopman	Sample Type	Routine
Address	1055 W. Airway Road, Suite C102		
	Lebanon, OR 97355		

PUBLIC WATER SYSTEMS INORGANIC CHEMICALS (IOCs)

Analyte	Method	EPA Code	PWS MCL	Reporting Limit	Results	Units	Analysis Date/Analyst
Arsenic ¥	SM 3113 B	1005	0.01	0.0020	ND	mg/L	5/7/19 KG
Barium ¥	SM 3113 B	1010	2	0.00250	0.00446	mg/L	5/8/19 KG
Beryllium ¥	SM 3113 B	1075	0.004	0.00005	ND	mg/L	5/10/19 KG
Cadmium ¥	SM 3113 B	1015	0.005	0.0005	ND	mg/L	5/13/19 AS
Chromium ¥	SM 3113 B	1020	0.1	0.0010	ND	mg/L	5/13/19 AS
Cyanide ¥	SM 4500-CN F	1024	0.2	0.1	ND	mg/L	5/8/19 RV
Fluoride ¥	EPA 300.0	1025	4	0.1	ND	mg/L	5/6/19 TG
Mercury ¥	SM 3112 B	1035	0.002	0.0002	ND	mg/L	5/14/19 AS
Nickel ¥	SM 3113 B	1036	0.1	0.0020	ND	mg/L	5/13/19 AS
Nitrate-N ¥	EPA 300.0	1040	10	0.10	4.33	mg/L	5/6/19 1616 TG
Nitrite-N ¥	EPA 300.0	1041	1	0.1	ND	mg/L	5/6/19 1616 TG
Nitrate+Nitrite-N	Calculated: NO3 + NO2	1038	10	0.2	4.33	mg/L	5/6/19 1616 TG
Sodium ¥	SM 3111 B	1052	20 ¹	2.0	40.2	mg/L	5/14/19 KG

ND means Not Detected at the listed Reporting Limit.

PWS MCL means Public Water System Maximum Contaminant Level

¹ Advisory Only

Analytical results meet all NELAP/TNI requirements unless otherwise noted

5/30/2019

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PWS ID#	OR4100474	Date Received	5/6/19 1500
Source ID	EP-A	Collection Date	5/6/19 1242
		Collected By	Jason Inman per ALG SOP #G141
Attention	James Lee	Sample Point	Entry Point
Bill To	Lawrence Subdivision Water Assoc, C/O Koopman	Sample Type	Routine
Address	1055 W. Airway Road, Suite C102		
	Lebanon, OR 97355		

PUBLIC WATER SYSTEMS INORGANIC CHEMICALS (IOCs)

Analyte	Method	EPA Code	PWS MCL	Reporting Limit	Results	Units	Analysis Date/Analyst
Antimony*	EPA 200.8	1074	0.006	0.0005	ND	mg/L	5/17/19 SJS
Selenium*	EPA 200.8	1045	0.05	0.0010	ND	mg/L	5/17/19 SJS
Thallium*	EPA 200.8	1085	0.002	0.0005	ND	mg/L	5/17/19 SJS

ND means Not Detected at the listed Reporting Limit.
PWS MCL means Public Water System Maximum Contaminant Level

* Analysis by Neilson Research Corporation, ORELAP ID# OR100016, Medford, OR.

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5/30/2019

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Laboratory ID# OR100012
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Accredited analytes marked "F"

ANALYSIS REPORT

System	Lawrence Subdivision Water Association, Inc	Lab Sample ID	1905253-002
PWS ID#	OR4100474	Date Received	5/6/19 1500
Source ID	EP-A	Collection Date	5/6/19 1242
		Collected By	Jason Inman per ALG SOP #G141
Attention	James Lee	Sample Point	Entry Point
Bill To	Lawrence Subdivision Water Assoc, C/O Koopman	Sample Type	Routine
Address	1055 W. Airway Road, Suite C102		
	Lebanon, OR 97355		

PUBLIC WATER SYSTEMS SYNTHETIC ORGANIC CHEMICALS - REGULATED

Analyte	Method	EPA CODE	PWS MCL	Reporting Limit	Results	Units	Analysis Date/Analyst
Dibromochloropropane	EPA 504.1	2931	0.0002	0.0000204	ND	mg/L	5/14/19 MAS
Ethylene Dibromide (EDB)	EPA 504.1	2946	0.00005	0.0000204	ND	mg/L	5/14/19 MAS
BHC-gamma (Lindane)	EPA 508	2010	0.0002	0.00001	ND	mg/L	5/16/19 JEL
Chlordane	EPA 508	2959	0.002	0.00025	ND	mg/L	5/16/19 JEL
Endrin	EPA 508	2005	0.002	0.00001	ND	mg/L	5/16/19 JEL
Heptachlor	EPA 508	2065	0.0004	0.00001	ND	mg/L	5/16/19 JEL
Heptachlor Epoxide	EPA 508	2067	0.0002	0.00001	ND	mg/L	5/16/19 JEL
Methoxychlor	EPA 508	2015	0.04	0.0001	ND	mg/L	5/16/19 JEL
Total Polychlorinated Biphenyls	EPA 508	2383	0.0005	0.00025	ND	mg/L	5/16/19 JEL
Toxaphene	EPA 508	2020	0.003	0.0003	ND	mg/L	5/16/19 JEL
2,4,5-TP (Silvex)	EPA 515.3	2110	0.05	0.005	ND	mg/L	5/18/19 JEL
2,4-D	EPA 515.3	2105	0.07	0.001	ND	mg/L	5/18/19 JEL
Dalapon	EPA 515.3	2031	0.2	0.005	ND	mg/L	5/18/19 JEL
Dinoseb	EPA 515.3	2041	0.007	0.0005	ND	mg/L	5/18/19 JEL
Pentachlorophenol	EPA 515.3	2326	0.001	0.0001	ND	mg/L	5/18/19 JEL
Picloram	EPA 515.3	2040	0.5	0.005	ND	mg/L	5/18/19 JEL
Atrazine	EPA 525.2	2050	0.003	0.0003	ND	mg/L	5/21/19 KHG
Benzo(a)Pyrene	EPA 525.2	2306	0.0002	0.00004	ND	mg/L	5/21/19 KHG
Di(2-ethylhexyl)adipate	EPA 525.2	2035	0.4	0.004	ND	mg/L	5/21/19 KHG
Di(2-ethylhexyl)phthalate	EPA 525.2	2039	0.006	0.002	ND	mg/L	5/21/19 KHG
Hexachlorobenzene (HCB)	EPA 525.2	2274	0.001	0.0001	ND	mg/L	5/21/19 KHG
Hexachlorocyclopentadiene	EPA 525.2	2042	0.05	0.005	ND	mg/L	5/21/19 KHG
Lasso (Alachlor)	EPA 525.2	2051	0.002	0.0002	ND	mg/L	5/21/19 KHG
Simazine	EPA 525.2	2037	0.004	0.0004	ND	mg/L	5/21/19 KHG
Carbofuran	EPA 531.1	2046	0.04	0.004	ND	mg/L	5/25/19 SJS
Oxamyl (Vydate)	EPA 531.1	2036	0.2	0.004	ND	mg/L	5/25/19 SJS
Glyphosate	EPA 547	2034	0.7	0.05	ND	mg/L	5/15/19 SJS
Endothall	EPA 548.1	2033	0.1	0.01	ND	mg/L	5/16/19 GKG
Diquat	EPA 549.2	2032	0.02	0.002	ND	mg/L	5/9/19 SJS

ND means Not Detected at the listed Reporting Limits.
Analysis by Neilson Research Corporation, ORELAP ID# OR100016, Medford, OR.
Analytical results meet all NELAP/TNI requirements unless otherwise noted

5/30/2019

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ANALYSIS REPORT

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Source ID	EP-A	Collection Date	5/6/19 1242
		Collected By	Jason Inman per ALG SOP #G141
Attention	James Lee	Sample Point	Entry Point
Bill To	Lawrence Subdivision Water Assoc, C/O Koopman	Sample Type	Routine
Address	1055 W. Airway Road, Suite C102		
	Lebanon, OR 97355		

PUBLIC WATER SYSTEMS SYNTHETIC ORGANIC CHEMICALS - UNREGULATED

Analyte	Method	EPA CODE	Reporting Limit	Results	Units	Analysis Date/Analyst
Aldrin	EPA 508	2356	0.00001	ND	mg/L	5/16/19 JEL
Dieldrin	EPA 508	2070	0.00001	ND	mg/L	5/16/19 JEL
Dicamba	EPA 515.3	2440	0.005	ND	mg/L	5/18/19 JEL
Butachlor	EPA 525.2	2076	0.0003	ND	mg/L	5/21/19 KHG
Metolachlor	EPA 525.2	2045	0.0004	ND	mg/L	5/21/19 KHG
Metribuzin	EPA 525.2	2595	0.0004	ND	mg/L	5/21/19 KHG
Propachlor	EPA 525.2	2077	0.0004	ND	mg/L	5/21/19 KHG
3-Hydroxycarbofuran	EPA 531.1	2066	0.004	ND	mg/L	5/25/19 SJS
Aldicarb	EPA 531.1	2047	0.004	ND	mg/L	5/25/19 SJS
Aldicarb Sulfoxide	EPA 531.1	2043	0.004	ND	mg/L	5/25/19 SJS
Aldicarb Sulfone	EPA 531.1	2044	0.004	ND	mg/L	5/25/19 SJS
Carbaryl	EPA 531.1	2021	0.004	ND	mg/L	5/25/19 SJS
Methomyl	EPA 531.1	2022	0.004	ND	mg/L	5/25/19 SJS

ND means Not Detected at the listed Reporting Limit.

Analysis by Neilson Research Corporation, ORELAP ID# OR100016, Medford, OR.
Analytical results meet all NELAP/TNI requirements unless otherwise noted

5/30/2019



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

May 30, 2019

Cynthia O Kelley
Analytical Laboratory Group, Inc.
361 West Fifth Avenue
Eugene, OR 97401
TEL: (800) 262-5973
FAX: (541) 484-5995

RE: 1905253

Order No.: 19050328

Dear Cynthia O Kelley:

Neilson Research Corporation received 4 sample(s) on 5/8/2019 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Tamra Schmedemann
Senior Project Manager
245 S Grape St
Medford, OR 97501



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Case Narrative

WO#: 19050328
Date: 5/30/2019

CLIENT: Analytical Laboratory Group, Inc.

Project: 1905253

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Analytical Comments for EPA524.2_DW, Sample 19050328-02A, Batch ID R1225 : Sample analyzed past the method specified holding time due to instrument issues. Client to recollect.

Original



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Analytical Report

WO#: 19050328
 Date Reported: 5/30/2019

CLIENT: Analytical Laboratory Group, Inc.
Lab ID: 19050328-01A
Client Sample ID: 1905253-002A-G
Project: 1905253
Sample Location: Entry Point
Sample Address:

Collection Date: 5/6/2019 12:42:00 PM
Received Date: 5/8/2019 9:30:00 AM
Matrix: DRINKING WATER
PWS #:
Source ID:
Sample Collector:

Analyses	Code	Method	NELAP		Qual		RL Units	Date		Analyst
			Status	Result	DF	MCL Analyzed				
1,2-Dibromo-3-chloropropane	2931	E504.1	A	ND	1	0.0000204 mg/L	0.000200	05/14/19 21:08	MAS	
1,2-Dibromoethane (EDB)	2946	E504.1	A	ND	1	0.0000204 mg/L	0.0000500	05/14/19 21:08	MAS	
Surr: Tetrachloro-m-xylene		E504.1		108	1	70 - 130 %Rec		05/14/19 21:08	MAS	
Aldrin	2356	E508	A	ND	1	0.0000100 mg/L		05/16/19 23:16	JEL	
Chlordane	2959	E508	A	ND	1	0.000250 mg/L	0.00200	05/16/19 23:16	JEL	
Dieldrin	2070	E508	A	ND	1	0.0000100 mg/L		05/16/19 23:16	JEL	
Endrin	2005	E508	A	ND Q	1	0.0000100 mg/L	0.00200	05/16/19 23:16	JEL	
gamma-BHC (Lindane)	2010	E508	A	ND	1	0.0000100 mg/L	0.000200	05/16/19 23:16	JEL	
Heptachlor	2065	E508	A	ND	1	0.0000100 mg/L	0.000400	05/16/19 23:16	JEL	
Heptachlor epoxide	2067	E508	A	ND	1	0.0000100 mg/L	0.000200	05/16/19 23:16	JEL	
Methoxychlor	2015	E508	A	ND	1	0.000100 mg/L	0.0400	05/16/19 23:16	JEL	
Polychlorinated Biphenyls (PCBs)	2383	E508	A	ND	1	0.000250 mg/L	0.000500	05/16/19 23:16	JEL	
Toxaphene	2020	E508	A	ND	1	0.000300 mg/L	0.00300	05/16/19 23:16	JEL	
Surr: Decachlorobiphenyl		E508		95.6	1	70 - 130 %Rec		05/16/19 23:16	JEL	
2,4,5-TP (Silvex)	2110	E515.3	A	ND	1	0.00500 mg/L	0.0500	05/18/19 2:10	JEL	
2,4-D	2105	E515.3	A	ND	1	0.00100 mg/L	0.0700	05/18/19 2:10	JEL	
Dalapon	2031	E515.3	A	ND	1	0.00500 mg/L	0.200	05/18/19 2:10	JEL	
Dicamba	2440	E515.3	A	ND	1	0.00500 mg/L		05/18/19 2:10	JEL	
Dinoseb	2041	E515.3	A	ND	1	0.000500 mg/L	0.00700	05/18/19 2:10	JEL	
Pentachlorophenol	2326	E515.3	A	ND	1	0.000100 mg/L	0.00100	05/18/19 2:10	JEL	
Picloram	2040	E515.3	A	ND	1	0.00500 mg/L	0.00500	05/18/19 2:10	JEL	
Surr: DCAA		E515.3		103	1	70 - 130 %Rec		05/18/19 2:10	JEL	
Alachlor	2051	E525.2	A	ND	1	0.000200 mg/L	0.00200	05/21/19 23:57	KHG	
Atrazine	2050	E525.2	A	ND	1	0.000300 mg/L	0.00300	05/21/19 23:57	KHG	
Benzo(a)pyrene	2306	E525.2	A	ND	1	0.0000400 mg/L	0.000200	05/21/19 23:57	KHG	
Bis(2-ethylhexyl) phthalate	2039	E525.2	A	ND	1	0.00200 mg/L	0.00600	05/21/19 23:57	KHG	
Bis(2-Ethylhexyl)adipate	2035	E525.2	A	ND	1	0.00400 mg/L	0.400	05/21/19 23:57	KHG	
Butachlor	2076	E525.2	A	ND	1	0.000300 mg/L		05/21/19 23:57	KHG	
Hexachlorobenzene	2274	E525.2	A	ND	1	0.000100 mg/L	0.00100	05/21/19 23:57	KHG	
Hexachlorocyclopentadiene	2042	E525.2	A	ND	1	0.00500 mg/L	0.0500	05/21/19 23:57	KHG	
Metolachlor	2045	E525.2	A	ND	1	0.000400 mg/L		05/21/19 23:57	KHG	

QUALIFIERS
 CI Sample container temperature is out of limit as specified at testcode
 MI Recovery outside control limits due to Matrix Interference
 PL Permit Limit
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Original

NELAP NELAP A Accredited. ORELAP 100016, OR-028



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Analytical Report

WO#: 19050328
 Date Reported: 5/30/2019

CLIENT: Analytical Laboratory Group, Inc. **Collection Date:** 5/6/2019 12:42:00 PM
Lab ID: 19050328-01A **Received Date:** 5/8/2019 9:30:00 AM
Client Sample ID: 1905253-002A-G **Matrix:** DRINKING WATER
Project: 1905253 **PWS #:**
Sample Location: Entry Point **Source ID:**
Sample Address: **Sample Collector:**

Analyses	Code	Method	NELAP		Qual		RL Units	Date		Analyst
			Status	Result	DF	MCL Analyzed				
Metribuzin	2595	E525.2	A	ND	1	0.000400 mg/L		05/21/19 23:57	KHG	
Propachlor	2077	E525.2	A	ND	1	0.000400 mg/L		05/21/19 23:57	KHG	
Simazine	2037	E525.2	A	ND	1	0.000400 mg/L	0.00400	05/21/19 23:57	KHG	
Surr: 1,3-Dimethyl-2-nitrobenzene		E525.2		102	1	70 - 130 %Rec		05/21/19 23:57	KHG	
Surr: Perylene-d12		E525.2		90.4	1	70 - 130 %Rec		05/21/19 23:57	KHG	
Surr: Pyrene-d10		E525.2		104	1	70 - 130 %Rec		05/21/19 23:57	KHG	
Surr: Triphenyl phosphate		E525.2		102	1	70 - 130 %Rec		05/21/19 23:57	KHG	
3-Hydroxycarbofuran	2066	E531.1	A	ND	1	0.00400 mg/L		05/25/19 4:42	SJS	
Aldicarb	2047	E531.1	A	ND	1	0.00400 mg/L		05/25/19 4:42	SJS	
Aldicarb sulfone	2044	E531.1	A	ND	1	0.00400 mg/L		05/25/19 4:42	SJS	
Aldicarb sulfoxide	2043	E531.1	A	ND	1	0.00400 mg/L		05/25/19 4:42	SJS	
Baygon		E531.1	A	ND	1	0.00400 mg/L		05/25/19 4:42	SJS	
Carbaryl	2021	E531.1	A	ND	1	0.00400 mg/L		05/25/19 4:42	SJS	
Carbofuran	2046	E531.1	A	ND	1	0.00400 mg/L	0.0400	05/25/19 4:42	SJS	
Methomyl	2022	E531.1	A	ND	1	0.00400 mg/L		05/25/19 4:42	SJS	
Oxamyl (Vydate)	2036	E531.1	A	ND	1	0.00400 mg/L	0.200	05/25/19 4:42	SJS	
Glyphosate	2034	E547	A	ND	1	0.0500 mg/L	0.700	05/15/19 0:00	SJS	
Endothall	2033	E548.1	A	ND	1	0.0100 mg/L	0.100	05/16/19 14:53	GKG	
Diquat	2032	E549.2	A	ND	1	0.00200 mg/L	0.0200	05/09/19 0:00	SJS	

QUALIFIERS
 C1 Sample container temperature is out of limit as specified at testcode
 MI Recovery outside control limits due to Matrix Interference
 PL Permit Limit
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Original

NELAP NELAP A Accredited. ORELAP 100016, OR-028



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Analytical Report

WO#: 19050328
 Date Reported: 5/30/2019

CLIENT: Analytical Laboratory Group, Inc.	Collection Date: 5/6/2019 12:42:00 PM
Lab ID: 19050328-03A	Received Date: 5/8/2019 9:30:00 AM
Client Sample ID: 1905253-001A	Matrix: DRINKING WATER
Project: 1905253	PWS #:
Sample Location: Entry Point	Source ID:
Sample Address:	Sample Collector:

Analyses	Code	Method	NELAP		Qual		RL Units	Date		Analyst
			Status	Result	DF	MCL Analyzed				
Antimony	1074	E200.8	A	ND	1	0.000500 mg/L	0.00600	05/17/19 17:49	SJS	
Selenium	1045	E200.8	A	ND	1	0.00100 mg/L	0.0500	05/17/19 17:49	SJS	
Thallium	1085	E200.8	A	ND	1	0.000500 mg/L	0.00200	05/17/19 17:49	SJS	

QUALIFIERS

CI	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded
MI	Recovery outside control limits due to Matrix Interference	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

NELAP

NELAP A Accredited. ORELAP 100016, OR-028



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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA504_DW

Sample ID: MB-445	SampType: MBLK	TestCode: EPA504_DW	Units: mg/L	Prep Date: 5/14/2019	RunNo: 1053						
Client ID: PBW	Batch ID: 445	TestNo: E504.1	E504.1	Analysis Date: 5/14/2019	SeqNo: 19186						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dibromo-3-chloropropane	ND	0.0000200									
1,2-Dibromoethane (EDB)	ND	0.0000200									
Surr: Tetrachloro-m-xylene	0.00109		0.001000		109	70	130				

Sample ID: LCS-445	SampType: LCS	TestCode: EPA504_DW	Units: mg/L	Prep Date: 5/14/2019	RunNo: 1053						
Client ID: LCSW	Batch ID: 445	TestNo: E504.1	E504.1	Analysis Date: 5/14/2019	SeqNo: 19187						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

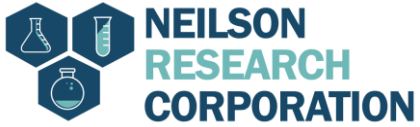
1,2-Dibromo-3-chloropropane	0.000490	0.0000200	0.0005000	0	98.0	70	130				
1,2-Dibromoethane (EDB)	0.000467	0.0000200	0.0005000	0	93.4	70	130				
Surr: Tetrachloro-m-xylene	0.00100		0.001000		100	70	130				

Sample ID: 19050428-01AMS	SampType: MS	TestCode: EPA504_DW	Units: mg/L	Prep Date: 5/14/2019	RunNo: 1053						
Client ID: BatchQC	Batch ID: 445	TestNo: E504.1	E504.1	Analysis Date: 5/14/2019	SeqNo: 19202						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dibromo-3-chloropropane	0.000525	0.0000203	0.0005080	0	103	70	130				
1,2-Dibromoethane (EDB)	0.000426	0.0000203	0.0005080	0	83.8	70	130				
Surr: Tetrachloro-m-xylene	0.00100		0.001016		98.4	70	130				

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA504_DW

Sample ID: 19050428-01AMSD	SampType: MSD	TestCode: EPA504_DW	Units: mg/L	Prep Date: 5/14/2019	RunNo: 1053						
Client ID: BatchQC	Batch ID: 445	TestNo: E504.1	E504.1	Analysis Date: 5/14/2019	SeqNo: 19203						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	0.000525	0.0000205	0.0005119	0	103	70	130	0.0005253	0.0103	0	
1,2-Dibromoethane (EDB)	0.000427	0.0000205	0.0005119	0	83.4	70	130	0.0004257	0.288	0	
Surr: Tetrachloro-m-xylene	0.00109		0.001024		107	70	130		0	0	

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit
 H Holding times for preparation or analysis exceeded
 PL Permit Limit
 MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



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 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328

30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA508_DW

Sample ID:	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
LCS-413	LCS	EPA508_DW	mg/L	5/8/2019	1128						
Client ID: LCSW	Batch ID: 413	TestNo: E508	E508	Analysis Date: 5/16/2019	SeqNo: 20389						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	0.000186	0.0000100	0.0002000	0	92.9	70	130				
Dieldrin	0.000201	0.0000100	0.0002000	0	100	70	130				
Endrin	0.000271	0.0000100	0.0002000	0	136	70	130				Q
gamma-BHC (Lindane)	0.000189	0.0000100	0.0002000	0	94.5	70	130				
Heptachlor	0.000203	0.0000100	0.0002000	0	102	70	130				
Heptachlor epoxide	0.000198	0.0000100	0.0002000	0	98.8	70	130				
Methoxychlor	0.000241	0.000100	0.0002000	0	121	70	130				
Surr: Decachlorobiphenyl	0.000244		0.0002500		97.5	70	130				

Sample ID:	SampType:	TestCode:	Units:	Prep Date:	RunNo:						
LCSD-413	LCSD	EPA508_DW	mg/L	5/8/2019	1128						
Client ID: LCSS02	Batch ID: 413	TestNo: E508	E508	Analysis Date: 5/16/2019	SeqNo: 20390						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	0.000177	0.0000100	0.0002000	0	88.3	70	130	0.0001858	5.04	0	
Dieldrin	0.000195	0.0000100	0.0002000	0	97.3	70	130	0.0002007	3.06	0	
Endrin	0.000261	0.0000100	0.0002000	0	131	70	130	0.0002710	3.65	0	Q
gamma-BHC (Lindane)	0.000186	0.0000100	0.0002000	0	93.1	70	130	0.0001890	1.47	0	
Heptachlor	0.000199	0.0000100	0.0002000	0	99.7	70	130	0.0002032	1.94	0	
Heptachlor epoxide	0.000192	0.0000100	0.0002000	0	96.1	70	130	0.0001976	2.74	0	
Methoxychlor	0.000228	0.000100	0.0002000	0	114	70	130	0.0002411	5.39	0	
Surr: Decachlorobiphenyl	0.000238		0.0002500		95.3	70	130		0	0	

Qualifiers: CI Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA508_DW

Sample ID: MB-413	SampType: MBLK	TestCode: EPA508_DW	Units: mg/L	Prep Date: 5/8/2019	RunNo: 1128						
Client ID: PBW	Batch ID: 413	TestNo: E508	E508	Analysis Date: 5/16/2019	SeqNo: 20391						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	ND	0.0000100									
Chlordane	ND	0.000250									
Dieldrin	ND	0.0000100									
Endrin	ND	0.0000100									
gamma-BHC (Lindane)	ND	0.0000100									
Heptachlor	ND	0.0000100									
Heptachlor epoxide	ND	0.0000100									
Methoxychlor	ND	0.000100									
Polychlorinated Biphenyls (PCBs)	ND	0.000250									
Toxaphene	ND	0.000300									
Surr: Decachlorobiphenyl	0.000250		0.0002500		99.9	70	130				

Sample ID: 19050248-01AMS	SampType: MS	TestCode: EPA508_DW	Units: mg/L	Prep Date: 5/8/2019	RunNo: 1128						
Client ID: BatchQC	Batch ID: 413	TestNo: E508	E508	Analysis Date: 5/16/2019	SeqNo: 20394						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	0.000144	0.0000100	0.0002000	0	72.1	70	130				
Dieldrin	0.000176	0.0000100	0.0002000	0	87.9	70	130				
Endrin	0.000243	0.0000100	0.0002000	0	122	70	130				
gamma-BHC (Lindane)	0.000172	0.0000100	0.0002000	0	85.8	70	130				
Heptachlor	0.000171	0.0000100	0.0002000	0	85.6	70	130				
Heptachlor epoxide	0.000173	0.0000100	0.0002000	0	86.7	70	130				
Methoxychlor	0.000209	0.000100	0.0002000	0	104	70	130				
Surr: Decachlorobiphenyl	0.000207		0.0002500		82.8	70	130				

Qualifiers: CI Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

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Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA508_DW

Sample ID: 19050248-01AMS	SampType: MS	TestCode: EPA508_DW	Units: mg/L	Prep Date: 5/8/2019	RunNo: 1128						
Client ID: BatchQC	Batch ID: 413	TestNo: E508	E508	Analysis Date: 5/16/2019	SeqNo: 20394						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit
 H Holding times for preparation or analysis exceeded
 PL Permit Limit
 MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

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 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA515.3_DW

Sample ID: MB-437	SampType: MBLK	TestCode: EPA515.3_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1187						
Client ID: PBW	Batch ID: 437	TestNo: E515.3	E515.3	Analysis Date: 5/17/2019	SeqNo: 21371						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	ND	0.00500									
2,4-D	ND	0.00100									
Dalapon	ND	0.00500									
Dicamba	ND	0.00500									
Dinoseb	ND	0.000500									
Pentachlorophenol	ND	0.000100									
Picloram	ND	0.00500									
Surr: DCAA	0.0275		0.02500		110	70	130				

Sample ID: 19050248-01AMS	SampType: MS	TestCode: EPA515.3_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1187						
Client ID: BatchQC	Batch ID: 437	TestNo: E515.3	E515.3	Analysis Date: 5/17/2019	SeqNo: 21376						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	0.0113	0.00500	0.01000	0	113	70	130				
2,4-D	0.0109	0.00100	0.01000	0	109	70	130				
Dalapon	0.0122	0.00500	0.01000	0	122	70	130				
Dicamba	0.0117	0.00500	0.01000	0	117	70	130				
Dinoseb	0.0116	0.000500	0.01000	0	116	70	130				
Pentachlorophenol	0.0102	0.000100	0.01000	0	102	70	130				
Picloram	0.0109	0.00500	0.01000	0	109	70	130				
Surr: DCAA	0.0255		0.02500		102	70	130				

Qualifiers: CI Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

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 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328

30-May-19

Client: Analytical Laboratory Group, Inc.

Project: 1905253

TestCode: EPA515.3_DW

Sample ID: 19050248-01AMSD	SampType: MSD	TestCode: EPA515.3_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1187						
Client ID: BatchQC	Batch ID: 437	TestNo: E515.3	E515.3	Analysis Date: 5/17/2019	SeqNo: 21451						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	0.0119	0.00500	0.01000	0	119	70	130	0.01132	5.27	0	
2,4-D	0.0118	0.00100	0.01000	0	118	70	130	0.01087	8.58	20	
Dalapon	0.0129	0.00500	0.01000	0	129	70	130	0.01224	5.31	20	
Dicamba	0.0125	0.00500	0.01000	0	125	70	130	0.01166	7.11	20	
Dinoseb	0.0127	0.000500	0.01000	0	127	70	130	0.01159	9.22	20	
Pentachlorophenol	0.0107	0.000100	0.01000	0	107	70	130	0.01022	4.96	20	
Picloram	0.0124	0.00500	0.01000	0	124	70	130	0.01090	12.8	20	
Surr: DCAA	0.0265		0.02500		106	70	130		0	0	

Sample ID: LCS-437	SampType: LCS	TestCode: EPA515.3_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1187						
Client ID: LCSW	Batch ID: 437	TestNo: E515.3	E515.3	Analysis Date: 5/17/2019	SeqNo: 21484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	0.0113	0.00500	0.01000	0	113	70	130				
2,4-D	0.0109	0.00100	0.01000	0	109	70	130				
Dalapon	0.0122	0.00500	0.01000	0	122	70	130				
Dicamba	0.0117	0.00500	0.01000	0	117	70	130				
Dinoseb	0.0116	0.000500	0.01000	0	116	70	130				
Pentachlorophenol	0.0102	0.000100	0.01000	0	102	70	130				
Picloram	0.0109	0.00500	0.01000	0	109	70	130				
Surr: DCAA	0.0255		0.02500		102	70	130				

Qualifiers: CI Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 PL Permit Limit

MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328

30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA525.2_DW

Sample ID: LCS-518	SampType: LCS	TestCode: EPA525.2_D	Units: mg/L	Prep Date: 5/16/2019	RunNo: 1231						
Client ID: LCSW	Batch ID: 518	TestNo: E525.2	E525.2	Analysis Date: 5/21/2019	SeqNo: 22646						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alachlor	0.00540	0.000200	0.005000	0	108	70	130				
Atrazine	0.00517	0.000300	0.005000	0	103	70	130				
Benzo(a)pyrene	0.00456	0.0000400	0.005000	0	91.2	70	130				
Bis(2-ethylhexyl) phthalate	0.00512	0.00200	0.005000	0	102	70	130				
Bis(2-Ethylhexyl)adipate	0.00501	0.00400	0.005000	0	100	70	130				
Butachlor	0.00557	0.000300	0.005000	0	111	70	130				
Hexachlorobenzene	0.00832	0.000100	0.01000	0	83.2	70	130				
Hexachlorocyclopentadiene	0.00936	0.00500	0.01000	0	93.6	70	130				
Metolachlor	0.0110	0.000400	0.01000	0	110	70	130				
Metribuzin	0.0104	0.000400	0.01000	0	104	70	130				
Propachlor	0.00557	0.000400	0.005000	0	111	70	130				
Simazine	0.00500	0.000400	0.005000	0	100	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	0.00504		0.005000		101	70	130				
Surr: Perylene-d12	0.00501		0.005000		100	70	130				
Surr: Pyrene-d10	0.00501		0.005000		100	70	130				
Surr: Triphenyl phosphate	0.00575		0.005000		115	70	130				

Sample ID: LCSD-518	SampType: LCSD	TestCode: EPA525.2_D	Units: mg/L	Prep Date: 5/16/2019	RunNo: 1231						
Client ID: LCSS02	Batch ID: 518	TestNo: E525.2	E525.2	Analysis Date: 5/21/2019	SeqNo: 22647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alachlor	0.00550	0.000200	0.005000	0	110	70	130	0.005400	1.83	20	
Atrazine	0.00536	0.000300	0.005000	0	107	70	130	0.005170	3.61	20	
Benzo(a)pyrene	0.00474	0.0000400	0.005000	0	94.8	70	130	0.004560	3.87	20	

Qualifiers: CI Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

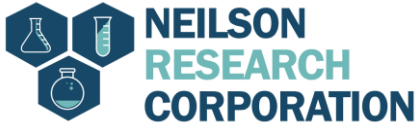
TestCode: EPA525.2_DW

Sample ID: LCSD-518	SampType: LCSD	TestCode: EPA525.2_D	Units: mg/L	Prep Date: 5/16/2019	RunNo: 1231						
Client ID: LCSS02	Batch ID: 518	TestNo: E525.2	E525.2	Analysis Date: 5/21/2019	SeqNo: 22647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethylhexyl) phthalate	0.00525	0.00200	0.005000	0	105	70	130	0.005120	2.51	20	
Bis(2-Ethylhexyl)adipate	0.00508	0.00400	0.005000	0	102	70	130	0.005010	1.39	20	
Butachlor	0.00576	0.000300	0.005000	0	115	70	130	0.005570	3.35	20	
Hexachlorobenzene	0.00844	0.000100	0.01000	0	84.4	70	130	0.008320	1.43	20	
Hexachlorocyclopentadiene	0.00924	0.00500	0.01000	0	92.4	70	130	0.009360	1.29	20	
Metolachlor	0.0114	0.000400	0.01000	0	114	70	130	0.01100	3.92	20	
Metribuzin	0.0108	0.000400	0.01000	0	108	70	130	0.01037	3.78	20	
Propachlor	0.00562	0.000400	0.005000	0	112	70	130	0.005570	0.894	20	
Simazine	0.00506	0.000400	0.005000	0	101	70	130	0.005000	1.19	20	
Surr: 1,3-Dimethyl-2-nitrobenzene	0.00503		0.005000		101	70	130		0	20	
Surr: Perylene-d12	0.00513		0.005000		103	70	130		0	20	
Surr: Pyrene-d10	0.00497		0.005000		99.4	70	130		0	20	
Surr: Triphenyl phosphate	0.00578		0.005000		116	70	130		0	20	

Sample ID: MB-518	SampType: MBLK	TestCode: EPA525.2_D	Units: mg/L	Prep Date: 5/16/2019	RunNo: 1231						
Client ID: PBW	Batch ID: 518	TestNo: E525.2	E525.2	Analysis Date: 5/21/2019	SeqNo: 22648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alachlor	ND	0.000200									
Atrazine	ND	0.000300									
Benzo(a)pyrene	ND	0.0000400									
Bis(2-ethylhexyl) phthalate	ND	0.00200									
Bis(2-Ethylhexyl)adipate	ND	0.00400									
Butachlor	ND	0.000300									

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328

30-May-19

Client: Analytical Laboratory Group, Inc.

Project: 1905253

TestCode: EPA525.2_DW

Sample ID: MB-518	SampType: MBLK	TestCode: EPA525.2_D	Units: mg/L	Prep Date: 5/16/2019	RunNo: 1231						
Client ID: PBW	Batch ID: 518	TestNo: E525.2	E525.2	Analysis Date: 5/21/2019	SeqNo: 22648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	ND	0.000100									
Hexachlorocyclopentadiene	ND	0.00500									
Metolachlor	ND	0.000400									
Metribuzin	ND	0.000400									
Propachlor	ND	0.000400									
Simazine	ND	0.000400									
Surr: 1,3-Dimethyl-2-nitrobenzene	0.00497		0.005000		99.4	70	130				
Surr: Perylene-d12	0.00499		0.005000		99.8	70	130				
Surr: Pyrene-d10	0.00514		0.005000		103	70	130				
Surr: Triphenyl phosphate	0.00534		0.005000		107	70	130				

Sample ID: 19050248-01AMS	SampType: MS	TestCode: EPA525.2_D	Units: mg/L	Prep Date: 5/16/2019	RunNo: 1231						
Client ID: BatchQC	Batch ID: 518	TestNo: E525.2	E525.2	Analysis Date: 5/21/2019	SeqNo: 22650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alachlor	0.00525	0.000200	0.005000	0	105	70	130				
Atrazine	0.00512	0.000300	0.005000	0	102	70	130				
Benzo(a)pyrene	0.00478	0.0000400	0.005000	0	95.6	70	130				
Bis(2-ethylhexyl) phthalate	0.00506	0.00200	0.005000	0.00007000	99.8	70	130				
Bis(2-Ethylhexyl)adipate	0.00495	0.00400	0.005000	0	99.0	70	130				
Butachlor	0.00554	0.000300	0.005000	0	111	70	130				
Hexachlorobenzene	0.00887	0.000100	0.01000	0	88.7	70	130				
Hexachlorocyclopentadiene	0.0104	0.00500	0.01000	0	104	70	130				
Metolachlor	0.0109	0.000400	0.01000	0	109	70	130				

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 PL Permit Limit

MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA525.2_DW

Sample ID: 19050248-01AMS	SampType: MS	TestCode: EPA525.2_D	Units: mg/L	Prep Date: 5/16/2019	RunNo: 1231						
Client ID: BatchQC	Batch ID: 518	TestNo: E525.2	E525.2	Analysis Date: 5/21/2019	SeqNo: 22650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Metribuzin	0.0109	0.000400	0.01000	0	109	70	130				
Propachlor	0.00535	0.000400	0.005000	0	107	70	130				
Simazine	0.00499	0.000400	0.005000	0	99.8	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	0.00498		0.005000		99.6	70	130				
Surr: Perylene-d12	0.00524		0.005000		105	70	130				
Surr: Pyrene-d10	0.00514		0.005000		103	70	130				
Surr: Triphenyl phosphate	0.00548		0.005000		110	70	130				

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

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 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA531.1_DW

Sample ID: LCS-1	SampType: LCS	TestCode: EPA531.1_D	Units: mg/L	Prep Date:	RunNo: 1323						
Client ID: LCSW	Batch ID: R1323	TestNo: E531.1		Analysis Date: 5/24/2019	SeqNo: 24455						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	0.0173	0.00400	0.02000	0	86.3	80	120				
Aldicarb	0.0166	0.00400	0.02000	0	83.0	80	120				
Aldicarb sulfone	0.0169	0.00400	0.02000	0	84.3	80	120				
Aldicarb sulfoxide	0.0188	0.00400	0.02000	0	94.2	80	120				
Baygon	0.0164	0.00400	0.02000	0	82.1	80	120				
Carbaryl	0.0170	0.00400	0.02000	0	84.9	80	120				
Carbofuran	0.0186	0.00400	0.02000	0	93.0	80	120				
Methomyl	0.0168	0.00400	0.02000	0	83.9	80	120				
Oxamyl (Vydate)	0.0170	0.00400	0.02000	0	84.9	80	120				

Sample ID: MBLK	SampType: MBLK	TestCode: EPA531.1_D	Units: mg/L	Prep Date:	RunNo: 1323						
Client ID: PBW	Batch ID: R1323	TestNo: E531.1		Analysis Date: 5/24/2019	SeqNo: 24457						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	ND	0.00400									
Aldicarb	ND	0.00400									
Aldicarb sulfone	ND	0.00400									
Aldicarb sulfoxide	ND	0.00400									
Baygon	ND	0.00400									
Carbaryl	ND	0.00400									
Carbofuran	ND	0.00400									
Methomyl	ND	0.00400									
Oxamyl (Vydate)	ND	0.00400									

Qualifiers: CI Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

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 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328

30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA531.1_DW

Sample ID:	19050248-01AMS	SampType:	MS	TestCode:	EPA531.1_D	Units:	mg/L	Prep Date:	RunNo:	1323	
Client ID:	BatchQC	Batch ID:	R1323	TestNo:	E531.1	Analysis Date:	5/24/2019	SeqNo:	24459		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	0.0423	0.00400	0.04000	0	106	70	130				
Aldicarb	0.0426	0.00400	0.04000	0	107	70	130				
Aldicarb sulfone	0.0420	0.00400	0.04000	0	105	70	130				
Aldicarb sulfoxide	0.0422	0.00400	0.04000	0	106	70	130				
Baygon	0.0394	0.00400	0.04000	0	98.4	70	130				
Carbaryl	0.0419	0.00400	0.04000	0	105	70	130				
Carbofuran	0.0448	0.00400	0.04000	0	112	70	130				
Methomyl	0.0421	0.00400	0.04000	0	105	70	130				
Oxamyl (Vydate)	0.0419	0.00400	0.04000	0	105	70	130				

Sample ID:	19050248-01AMSD	SampType:	MSD	TestCode:	EPA531.1_D	Units:	mg/L	Prep Date:	RunNo:	1323	
Client ID:	BatchQC	Batch ID:	R1323	TestNo:	E531.1	Analysis Date:	5/24/2019	SeqNo:	24460		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	0.0419	0.00400	0.04000	0	105	70	130	0.04235	1.09	20	
Aldicarb	0.0422	0.00400	0.04000	0	106	70	130	0.04261	0.922	20	
Aldicarb sulfone	0.0415	0.00400	0.04000	0	104	70	130	0.04197	1.02	20	
Aldicarb sulfoxide	0.0417	0.00400	0.04000	0	104	70	130	0.04221	1.16	20	
Baygon	0.0389	0.00400	0.04000	0	97.3	70	130	0.03938	1.18	20	
Carbaryl	0.0414	0.00400	0.04000	0	103	70	130	0.04191	1.33	20	
Carbofuran	0.0443	0.00400	0.04000	0	111	70	130	0.04478	1.13	20	
Methomyl	0.0418	0.00400	0.04000	0	104	70	130	0.04207	0.753	20	
Oxamyl (Vydate)	0.0414	0.00400	0.04000	0	104	70	130	0.04190	1.10	20	

Qualifiers: CI Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 PL Permit Limit

MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



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 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA531.1_DW

Sample ID: LCS-2	SampType: LCS	TestCode: EPA531.1_D	Units: mg/L	Prep Date:	RunNo: 1323						
Client ID: LCSW	Batch ID: R1323	TestNo: E531.1		Analysis Date: 5/25/2019	SeqNo: 24482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	0.0182	0.00400	0.02000	0	91.2	80	120				
Aldicarb	0.0172	0.00400	0.02000	0	86.1	80	120				
Aldicarb sulfone	0.0180	0.00400	0.02000	0	89.9	80	120				
Aldicarb sulfoxide	0.0198	0.00400	0.02000	0	99.1	80	120				
Baygon	0.0176	0.00400	0.02000	0	88.2	80	120				
Carbaryl	0.0180	0.00400	0.02000	0	89.8	80	120				
Carbofuran	0.0195	0.00400	0.02000	0	97.3	80	120				
Methomyl	0.0180	0.00400	0.02000	0	89.9	80	120				
Oxamyl (Vydate)	0.0180	0.00400	0.02000	0	89.8	80	120				

Sample ID: MBLK	SampType: MBLK	TestCode: EPA531.1_D	Units: mg/L	Prep Date:	RunNo: 1323						
Client ID: PBW	Batch ID: R1323	TestNo: E531.1		Analysis Date: 5/25/2019	SeqNo: 24482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	ND	0.00400									
Aldicarb	ND	0.00400									
Aldicarb sulfone	ND	0.00400									
Aldicarb sulfoxide	ND	0.00400									
Baygon	ND	0.00400									
Carbaryl	ND	0.00400									
Carbofuran	ND	0.00400									
Methomyl	ND	0.00400									
Oxamyl (Vydate)	ND	0.00400									

Qualifiers: CI Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

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 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA531.1_DW

Sample ID:	19050605-01AMS	SampType:	MS	TestCode:	EPA531.1_D	Units:	mg/L	Prep Date:	RunNo:	1323	
Client ID:	BatchQC	Batch ID:	R1323	TestNo:	E531.1	Analysis Date:	5/25/2019	SeqNo:	24485		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	0.0439	0.00400	0.04000	0	110	70	130				
Aldicarb	0.0435	0.00400	0.04000	0	109	70	130				
Aldicarb sulfone	0.0440	0.00400	0.04000	0	110	70	130				
Aldicarb sulfoxide	0.0436	0.00400	0.04000	0	109	70	130				
Baygon	0.0410	0.00400	0.04000	0	102	70	130				
Carbaryl	0.0437	0.00400	0.04000	0	109	70	130				
Carbofuran	0.0470	0.00400	0.04000	0	117	70	130				
Methomyl	0.0435	0.00400	0.04000	0	109	70	130				
Oxamyl (Vydate)	0.0443	0.00400	0.04000	0	111	70	130				

Sample ID:	19050605-01AMSD	SampType:	MSD	TestCode:	EPA531.1_D	Units:	mg/L	Prep Date:	RunNo:	1323	
Client ID:	BatchQC	Batch ID:	R1323	TestNo:	E531.1	Analysis Date:	5/25/2019	SeqNo:	24486		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Hydroxycarbofuran	0.0412	0.00400	0.04000	0	103	70	130	0.04387	6.21	20	
Aldicarb	0.0407	0.00400	0.04000	0	102	70	130	0.04354	6.80	20	
Aldicarb sulfone	0.0411	0.00400	0.04000	0	103	70	130	0.04405	6.84	20	
Aldicarb sulfoxide	0.0410	0.00400	0.04000	0	102	70	130	0.04355	6.13	20	
Baygon	0.0385	0.00400	0.04000	0	96.4	70	130	0.04097	6.10	20	
Carbaryl	0.0408	0.00400	0.04000	0	102	70	130	0.04366	6.76	20	
Carbofuran	0.0442	0.00400	0.04000	0	110	70	130	0.04696	6.13	20	
Methomyl	0.0410	0.00400	0.04000	0	102	70	130	0.04352	6.01	20	
Oxamyl (Vydate)	0.0413	0.00400	0.04000	0	103	70	130	0.04426	6.90	20	

Qualifiers: CI Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
 ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA547_DW

Sample ID: LCS	SampType: LCS	TestCode: EPA547_DW	Units: mg/L	Prep Date:	RunNo: 1085						
Client ID: LCSW	Batch ID: R1085	TestNo: E547		Analysis Date: 5/15/2019	SeqNo: 19646						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	0.515	0.0500	0.5000	0	103	80	120				

Sample ID: MB	SampType: MBLK	TestCode: EPA547_DW	Units: mg/L	Prep Date:	RunNo: 1085						
Client ID: PBW	Batch ID: R1085	TestNo: E547		Analysis Date: 5/15/2019	SeqNo: 19648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	ND	0.0500									

Sample ID: 19050254-01AMS	SampType: MS	TestCode: EPA547_DW	Units: mg/L	Prep Date:	RunNo: 1085						
Client ID: BatchQC	Batch ID: R1085	TestNo: E547		Analysis Date: 5/15/2019	SeqNo: 19650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	0.519	0.0500	0.5000	0	104	70	130				

Sample ID: 19050254-01AMSD	SampType: MSD	TestCode: EPA547_DW	Units: mg/L	Prep Date:	RunNo: 1085						
Client ID: BatchQC	Batch ID: R1085	TestNo: E547		Analysis Date: 5/15/2019	SeqNo: 19651						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	0.509	0.0500	0.5000	0	102	70	130	0.5190	1.86	20	

Qualifiers: CI Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 PL Permit Limit

MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA548.1_DW

Sample ID: LCS-435	SampType: LCS	TestCode: EPA548.1_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1107						
Client ID: LCSW	Batch ID: 435	TestNo: E548.1	E548.1	Analysis Date: 5/16/2019	SeqNo: 19975						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	0.0826	0.0100	0.1000	0	82.6	80	120				

Sample ID: MB-435	SampType: MBLK	TestCode: EPA548.1_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1107						
Client ID: PBW	Batch ID: 435	TestNo: E548.1	E548.1	Analysis Date: 5/16/2019	SeqNo: 19976						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	ND	0.0100									

Sample ID: 19050248-01AMS	SampType: MS	TestCode: EPA548.1_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1107						
Client ID: BatchQC	Batch ID: 435	TestNo: E548.1	E548.1	Analysis Date: 5/16/2019	SeqNo: 19978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	0.0817	0.0100	0.1000	0	81.7	75	125				

Sample ID: 19050248-01AMSD	SampType: MSD	TestCode: EPA548.1_D	Units: mg/L	Prep Date: 5/9/2019	RunNo: 1107						
Client ID: BatchQC	Batch ID: 435	TestNo: E548.1	E548.1	Analysis Date: 5/16/2019	SeqNo: 19979						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	0.0778	0.0100	0.1000	0	77.8	75	125	0.08172	4.97	20	

Qualifiers: CI Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 PL Permit Limit

MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



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 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: EPA549.2_DW

Sample ID: MB-423	SampType: MBLK	TestCode: EPA549.2_D	Units: mg/L	Prep Date: 5/8/2019	RunNo: 934						
Client ID: PBW	Batch ID: 423	TestNo: E549.2	E549.2	Analysis Date: 5/9/2019	SeqNo: 16957						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat	ND	0.00200									

Sample ID: LCS-423	SampType: LCS	TestCode: EPA549.2_D	Units: mg/L	Prep Date: 5/8/2019	RunNo: 934						
Client ID: LCSW	Batch ID: 423	TestNo: E549.2	E549.2	Analysis Date: 5/9/2019	SeqNo: 16958						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat	0.0453	0.00200	0.05000	0	90.6	70	130				

Sample ID: 19050248-01AMS	SampType: MS	TestCode: EPA549.2_D	Units: mg/L	Prep Date: 5/8/2019	RunNo: 934						
Client ID: BatchQC	Batch ID: 423	TestNo: E549.2	E549.2	Analysis Date: 5/9/2019	SeqNo: 16960						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat	0.0442	0.00200	0.05000	0	88.4	70	130				

Sample ID: 19050248-01AMSD	SampType: MSD	TestCode: EPA549.2_D	Units: mg/L	Prep Date: 5/8/2019	RunNo: 934						
Client ID: BatchQC	Batch ID: 423	TestNo: E549.2	E549.2	Analysis Date: 5/9/2019	SeqNo: 16961						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat	0.0429	0.00200	0.05000	0	85.7	70	130	0.04420	3.06	20	

Qualifiers: CI Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 PL Permit Limit

MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



Neilson Research Corporation
 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: 19050328

30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: ICPMS_200.8_DW

Sample ID: MB-470	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 5/13/2019	RunNo: 1023						
Client ID: PBW	Batch ID: 470	TestNo: E200.8	E200.8	Analysis Date: 5/14/2019	SeqNo: 18725						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.000500									
Selenium	ND	0.00100									
Thallium	ND	0.000500									

Sample ID: LCS-470	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 5/13/2019	RunNo: 1023						
Client ID: LCSW	Batch ID: 470	TestNo: E200.8	E200.8	Analysis Date: 5/14/2019	SeqNo: 18727						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.105	0.000500	0.1000	0	105	85	115				
Selenium	0.102	0.00100	0.1000	0	102	85	115				
Thallium	0.0985	0.000500	0.1000	0	98.5	85	115				

Sample ID: 19050472-01AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 5/13/2019	RunNo: 1023						
Client ID: BatchQC	Batch ID: 470	TestNo: E200.8	E200.8	Analysis Date: 5/14/2019	SeqNo: 18734						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.107	0.000500	0.1000	0.0001500	107	70	130				
Selenium	0.0978	0.00100	0.1000	0	97.8	70	130				
Thallium	0.0988	0.000500	0.1000	0.000003000	98.8	70	130				

Qualifiers: CI Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 PL Permit Limit

MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original



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 245 S Grape St
 Medford, OR 97501
 TEL: (541) 770-5678 FAX: (541) 770-2901
 Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19050328
 30-May-19

Client: Analytical Laboratory Group, Inc.
Project: 1905253

TestCode: ICPMS_200.8_DW

Sample ID: 19050472-01AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 5/13/2019	RunNo: 1023						
Client ID: BatchQC	Batch ID: 470	TestNo: E200.8	E200.8	Analysis Date: 5/14/2019	SeqNo: 18735						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.108	0.000500	0.1000	0.0001500	108	70	130	0.1071	0.957	20	
Selenium	0.109	0.00100	0.1000	0	109	70	130	0.09780	10.7	20	
Thallium	0.109	0.000500	0.1000	0.000003000	109	70	130	0.09882	10.0	20	

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
 ND Not Detected at the Reporting Limit
 H Holding times for preparation or analysis exceeded
 PL Permit Limit
 MI Recovery outside control limits due to Matrix In
 RL Reporting Detection Limit

Original

Analytical Laboratory Group, Inc.

361 WEST FIFTH AVENUE
 EUGENE, OREGON 97401
 800-262-5973/541-485-8404 Fax 541-484-5995
 Email: alglabs@alglabsinc.com



Delivering more than just test results

CHAIN OF CUSTODY

Attention: Cynthia O'Kelley	Client: Analytical Laboratory Group, Inc
Phone: 541-485-8404	Address: 361 West 5th Avenue
Fax: 541-484-5995	Eugene, OR 97401
Client Project: Neilson Subcontract	SOURCE: Drinking Water ALG PO# 190507-01

Lab ID	ALG Sample ID	ALG Client ID	Sample Matrix & Description Grab/Comp	Collection		Bottles	Analysis Requested
				Date	Time		
O1A	1905253-002A-G	Entry Point	DW/Grab	5/6/19	1242	SOC	SOC
O2A	1905253-003A	Entry Point	DW/Grab	5/6/19	1242	(4) 524 + TB	VOGs by EPA 524.2
O3A	1905253-001A	Entry Point	DW/Grab	5/6/19	1242	P	Total Metals by EPA 200.8 (Sb, Tl, Se)
							Cancelled due to extraction
							interest -
							Client will Reanalyze

Notes:
 Please Return Shipper Include: MDL

85
5/22/19
B

Turn Around Time Requested:	Shipped Via: UPS	Refrigerated
NORMAL		YES 2.1°C

COC and PO made by: <i>Rhonda Hill</i>	Date	Time	Received by:	Date	Time
	5/7/19	14:40			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
				<i>J. Merrill</i>	5/8/19

- B Analyte detected in the associated method blank.
- BA BOD Alternative Calculation: The initial results performed by Standard Methods did not fall within parameters of the Standard Methods calculation. An alternate approved calculation was performed using the HACH method and the value reported is an estimated concentration.
- C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
- C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
- CF Results confirmed by re-analysis.
- CU Cleanup performed as specified by method.
- D1 The diesel elution pattern for the sample is not typical.
- D2 The sample appears to be a heavier hydrocarbon range than diesel.
- D3 The sample appears to be a lighter hydrocarbon range than diesel.
- D4 Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
- D5 Detected hydrocarbons in the diesel range appear to be weathered diesel.
- E Estimated value.
- ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
- FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
- G1 The gasoline elution pattern for the sample is not typical.
- G2 The sample appears to be a heavier hydrocarbon range than gasoline.
- G3 The sample appears to be a lighter hydrocarbon range than gasoline.
- G4 Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
- HP Sample re-analysis performed outside of method specified holding time.
- HR Sample received outside of method specified holding time.
- HS Sample analyzed for volatile organics contained headspace.
- HT At the client's request, the sample was analyzed outside of method specified holding time.
- H Analysis performed outside of method specified holding time.
- J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
- L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
- MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
- N See Case Narrative on page 2 of report.
- NLR No Legionella Recovered.
- PLR Presence of Legionella Recovered.
- Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
- R Relative percent difference (RPD) is outside of the accepted recovery limits.
- R1 Relative percent difference (RPD) is outside of the accepted recovery limits. However, analyses are not controlled on RPD values for sample concentrations that are less than the reporting limit.
- R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
- R4 Duplicate analysis failed due to result being at or near the method reporting limit.
- S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
- S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
- SC Sub-contracted to another laboratory for analysis.
- SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
- # Value exceeds regulatory level for TCLP contaminant.
- X1 The motor oil elution pattern for the sample is not typical.
- X2 The sample appears to be a heavier hydrocarbon range than motor oil.
- X3 The sample appears to be a lighter hydrocarbon range than motor oil.
- * Value exceeds Maximum Contaminant Level or is outside the acceptable range.



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CHAIN OF CUSTODY PUBLIC WATER SUPPLY 'CHEMICALS'

◆ ICE SAMPLES AND DELIVER WITHIN 24 HOURS OF COLLECTION TIME ◆
 ◆ PLEASE SEE SAMPLING INSTRUCTIONS ◆

System Name: Lawrence Subdivision Wtr Assn	PWS ID: OR4100474
Attention: Lawrence Subdivision Water Assoc: C/O Koop	Source ID: EP- A
Mailing Address: 1055 W. Airway Road, Suite C102	Sample Type: Circle <u>Routine</u> or <u>Special</u>
Lebanon, OR 97355	Sample Point: <u>ENTRY POINT</u>
Phone: 541-258-2562	Collected by: <u>JASON INMAN PER SOP #6141</u>
Email: tkconsultingoffice@gmail.com	Date & Time Collected: <u>5/6/19 1242</u>
Notes: TB: 2.6 TB: 3.1	If Sample Type is 'Routine' do you want the lab to send a copy to DHS DWP? Yes <u>X</u> No <u> </u>

Lab ID	Bottles	Temp °C	Analysis
001A	IP	2.6	<input checked="" type="checkbox"/> Inorganic IOCs
001B	IB	3.1	Metals (Subcontract Sb, Tl and Se)
001C	J		Cyanide
002A	3 '504.1' +TB		F, NO2, NO3 and N+N
002B	3 '508'	05/06/19 mw	<input checked="" type="checkbox"/> Synthetic Organics (SOCs) (Subcontracted to another laboratory)
002C	515.3 / 548.1		
002D	3 '525.2' (HCl dropper/s)		
002E	531.1		
002F	547		
002G	549.2		
002A	4 '524.2' + TB (HCl dropper)	2.6	<input checked="" type="checkbox"/> Volatile Organics (VOCs) (Subcontracted to another laboratory)
			VOCs cancelled due to lab error. Will be recollected. 5/23/19

Turn Around Time Requested (Rush incurs a Surcharge): <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> RUSH	Shipped Via: <u>ALG</u>	Refrigerated <input checked="" type="checkbox"/> <u>Ice</u> <input type="checkbox"/> None
Relinquished by:	Date Time	Received by:
Relinquished by:	Date Time	Received by:
Relinquished by: <u>Jason B Inman</u>	Date Time <u>5/6/19 1500</u>	Received by Laboratory: <u>[Signature]</u> <u>05/06/19 1500</u>