



Results Report

Order ID: 7063496

Karl Environmental Group
20 Lauck Road
Mohnton, PA 19540

Project: Oakland, NJ PS - Manito Elementary School
111 Manito Avenue
Oakland, NJ 07436

Attn: Kelly Mays

Regulatory ID:

Sample Number: 7063496-01
Collector: DT

Site: OM-BLANK
Collect Date: 06/17/2017 9:13 am

Sample ID:
Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 06/20/17 RJS 06/29/17 23:43 RPV

Sample Number: 7063496-02
Collector: DT

Site: OM-NS-1FL-NURSE
Collect Date: 06/17/2017 9:14 am

Sample ID:
Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 5.11 µg/L EPA 200.8 1.00 1 06/20/17 RJS 06/29/17 23:45 RPV

Sample Number: 7063496-03
Collector: DT

Site: OM-DW-1FL-OFFICEHALL
Collect Date: 06/17/2017 9:16 am

Sample ID:
Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 5.28 µg/L EPA 200.8 1.00 1 06/20/17 RJS 06/29/17 23:47 RPV

Sample Number: 7063496-04
Collector: DT

Site: OM-TL-1FL-FACULTY
Collect Date: 06/17/2017 9:17 am

Sample ID:
Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 5.46 µg/L EPA 200.8 1.00 1 06/20/17 RJS 06/29/17 23:49 RPV

Sample Number: 7063496-05
Collector: DT

Site: OM-DW-2FL-HALL21
Collect Date: 06/17/2017 9:21 am

Sample ID:
Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 6.03 µg/L EPA 200.8 1.00 1 06/20/17 RJS 06/29/17 23:51 RPV

Report Generated On: 07/05/2017 4:57 pm
STL_Results Revision #1.6

7063496
Effective: 07/09/2014





SUBURBAN TESTING LABS

Sample Number: 7063496-06	Site: OM-DW-2FL-HALL23	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:22 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	5.76	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/29/17 23:57	RPV
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Sample Number: 7063496-07	Site: OM-DW-2FL-HALL27	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:23 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	5.79	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/29/17 23:59	RPV
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Sample Number: 7063496-08	Site: OM-DW-1FL-ROOM10	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:30 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	13.6	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:01	RPV
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Sample Number: 7063496-09	Site: OM-DW-1FL-ROOM12	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:31 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	7.78	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:03	RPV
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Sample Number: 7063496-10	Site: OM-DW-1FL-GYMHALL-1	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:38 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	13.0	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:13	RPV
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Sample Number: 7063496-11	Site: OM-DW-1FL-GYMHALL-3	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:39 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	6.45	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:23	RPV
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Sample Number: 7063496-12	Site: OM-FP-1FL-KITCHEN	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:43 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	9.54	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:25	RPV
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Report Generated On: 07/05/2017 4:57 pm 7063496
 STL_Results Revision #1.6 Effective: 07/09/2014





Sample Number: 7063496-13	Site: OM-DW-1FL-GYM	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:46 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	5.45	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:27	RPV
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Sample Number: 7063496-14	Site: OM-FP-1FL-KITCHENAUX	Sample ID:
Collector: DT	Collect Date: 06/17/2017 9:45 am	Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	16.5	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:29	RPV
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Sample Number: 7063496-15	Site: Labratory Control Sample	Sample ID:
Collector:	Collect Date: 06/19/2017 12:00 am	Sample Type:

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	15.2	µg/L	EPA 200.8	1.00	1	06/20/17	RJS	06/30/17 0:31	RPV
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Sample Number: 7063496-16	Site: Labratory Control Sample Duplicate	Sample ID:
Collector:	Collect Date: 06/19/2017 12:00 am	Sample Type:

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	15.3	µg/L	EPA 200.8	1.00	1	06/20/17	RPV	07/03/17 22:05	RPV
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Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

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Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Alana Kopicz
Project Manager

Report Generated On: 07/05/2017 4:57 pm 7063496
STL_Results Revision #1.6 Effective: 07/09/2014





7063496
Alana Kopicz

TAT(Check One): Standard 24hr 48hr 72hr Other
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

m

Order ID: _____

Client Name: Karl Environmental Group
 Address: 20 Lauck Road Phone: 610-856-7700
Mohnton, PA 19540 Fax: 610-856-5040
 Contact Name: Kelly Mays Email: kmays@karlenv.com

Project Name: Oakland Public Schools Lead in Water
 Address: Manito Elementary School
111 Manito Avenue, Oakland, NJ 07436
 Payment / P.O. Info: 17-0525

Comments: NJ DOE Lead in Drinking Water Samples - First Draw

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
	OM-BLANK	6/17/2017	0913	DT	Lead	1	PW	G	P	H	BLANK
	OM-NS-1FL-NURSE	6/17/2017	0914	DT	Lead	1	PW	G	P	H	
	OM-DW-1FL-OFFICEHALL	6/17/2017	0916	DT	Lead	1	PW	G	P	H	
	OM-TL-1FL-FACULTY	6/17/2017	0917	DT	Lead	1	PW	G	P	H	
	OM-DW-2FL-HALL21	6/17/2017	0921	DT	Lead	1	PW	G	P	H	
	OM-DW-2FL-HALL23	6/17/2017	0922	DT	Lead	1	PW	G	P	H	
	OM-DW-2FL-HALL27	6/17/2017	0923	DT	Lead	1	PW	G	P	H	
	OM-DW-1FL-ROOM10	6/17/2017	0930	DT	Lead	1	PW	G	P	H	

Relinquished By: <u>D. Townsend</u>	Date: <u>6-17-17</u>	Temp °C: _____ Acceptable: Y / N	Sample Conditions	
	Time: <u>13:00</u>		Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Received By: <u>Kelly Mays</u>	Date: <u>6-17-17</u>	Temp °C: _____ Acceptable: Y / N	Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
	Time: <u>1300</u>		All containers in tact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished by: <u>Kelly Mays</u>	Date: <u>6-19-17</u>	Temp °C: _____ Acceptable: Y / N	Tests within holding times <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
	Time: <u>1247</u>		40 mL VOA vials free of headspace? <input type="checkbox"/> Y <input type="checkbox"/> N	
Received in Lab By: <u>[Signature]</u>	Date: <u>6/19/17</u>	Temp °C: <u>12.9</u> Acceptable: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <u>on ice</u>		
	Time: <u>12:47</u>			

Suburban Testing Labs

Lab Date/Time: 6/19/17 13:01 Lab Temp: 12.9

Number of containers/coolers match number on COC? Y N
 Sample labels and COC are free of discrepancies? Y N
 All Containers in tact? Y N
 Received in lab within acceptable temperature limits? Y N
 40mL VOA vials free of headspace? Y N

Relinquished by: [Signature]

Received in Lab by: [Signature]

Signing this form indicates your agreement with SWTL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.4 Effective November 2011. Shaded areas are for SWTL use only.



SUBURBAN TESTING LABS



7063496
Alana Kopicz

TAT(Check One): Standard 24hr 48hr 72hr Other _____
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Karl Environmental Group
Address: 20 Lauck Road Phone: 610-856-7700
Mohnton, PA 19540 Fax: 610-856-5040
Contact Name: Kelly Mays Email: kmays@karlenv.com

Project Name: Oakland Public Schools Lead in Water
Address: Manito Elementary School
111 Manito Avenue, Oakland, NJ 07436
Payment / P.O. Info: 17-0525

Comments: NJ DOE Lead in Drinking Water Samples - First Draw

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
	OM-DW-1FL-ROOM12	6/17/2017	0931	DT	Lead	1	PW	G	P	H	ptk2 ↓
	OM-DW-1FL-GYMHALL-1	6/17/2017	0938	DT	Lead	1	PW	G	P	H	
	OM-DW-1FL-GYMHALL-3	6/17/2017	0939	DT	Lead	1	PW	G	P	H	
	OM-FP-1FL-KITCHEN	6/17/2017	0943	DT	Lead	1	PW	G	P	H	
	OM-DW-1FL-GYM	6/17/2017	0946	DT	Lead	1	PW	G	P	H	

Relinquished By: <u>D. Townsend</u>	Date: <u>6-17-17</u>	Temp °C: _____ Acceptable: Y / N	Sample Conditions	
	Time: <u>13:00</u>		Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Received By: <u>Kelly Mays</u>	Date: <u>6-17-17</u>	Temp °C: _____ Acceptable: Y / N	Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
	Time: <u>1300</u>		All containers in tact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished By: <u>Kelly Mays</u>	Date: <u>6-19-17</u>	Temp °C: _____ Acceptable: Y / N	Tests within holding times <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
	Time: <u>1247</u>		40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Received in Lab By: <u>Leah [Signature]</u> (5)	Date: <u>6/19/17</u>	Temp °C: <u>12.9</u> Acceptable: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
	Time: <u>12:47</u>			

Suburban Testing Labs

Lab Date/Time: 6/19/17 13:01 Lab Temp: 12.9

Number of containers/coolers match number on COC? Y N
Sample labels and COC are free of discrepancies? Y N
All Containers in tact? Y N
Received in lab within acceptable temperature limits? Y N
40mL VOA vials free of headspace? Y N

Relinquished by: Leah [Signature] (5)

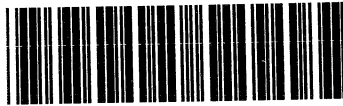
Received in Lab by: [Signature] 6/19/17

ptk2 MAYS 6/19/17

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SUBURBAN TESTING LABS



7063496
Alana Kopicz

TAT(Check One): Standard 24hr 48hr 72hr Other
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Karl Environmental Group

Address: 20 Lauck Road
Mohnton, PA 19540

Contact Name: Kelly Mays

Phone: 610-856-7700

Fax: 610-856-5040

Email: kmays@karlenv.com

Project Name: Oakland Public Schools Lead in Water

Address: Manito Elementary School
111 Manito Avenue, Oakland, NJ

Payment / P.O. Info: 17-0525

Comments: NJ DOE Lead in Drinking Water Samples - First Draw

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
	<u>OM-FP-IFL-KITCHENAUX</u>	<u>6-17-17</u>	<u>0945</u>	<u>DT</u>	<u>Lead</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>	<u>PHC2</u>

Relinquished By: <u>D. Townsend</u>	Date: <u>6-17-17</u>	Temp °C: _____	Sample Conditions Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
	Time: <u>13:00</u>		
Received By: <u>Kelly Mays</u>	Date: <u>6-17-17</u>	Acceptable: Y / N	Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
	Time: <u>1300</u>		
Relinquished By: <u>Kelly Mays</u>	Date: <u>6-19-17</u>	Temp °C: _____	All containers in tact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
	Time: <u>1247</u>		
Received in Lab By: <u>[Signature]</u>	Date: <u>6/19/17</u>	Temp °C: <u>12.9</u>	Tests within holding times <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
	Time: <u>12:47</u>		
		Acceptable: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40 mL VOA vials free of headspace? <input type="checkbox"/> Y <input type="checkbox"/> N

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Suburban Testing Labs

Lab Date/Time: 6/19/17 13:00 Lab Temp: 12.9

- Number of containers/coolers match number on COC? Y N
- Sample labels and COC are free of discrepancies? Y N
- All Containers in tact? Y N
- Received in lab within acceptable temperature limits? Y N
- 40mL VOA vials free of headspace? Y N

Relinquished by: [Signature]
Received in Lab by: [Signature] 6/19/17 1301