

October 3, 2016

Mr. Mike Vogel  
Interim Director of Facilities and Construction Management  
South Washington County Schools  
7362 East Douglas Point Road S  
Cottage Grove, MN 55016  
P 651-425-6274  
E mvogel@sowashco.org



**RE: Pullman Elementary  
Lead-in-Water Testing  
IEA Project #201610819**

Dear Mr. Vogel,

At the request of South Washington County Schools, IEA collected a total of 64 samples of drinking water on September 15, 2016, for lead analyses from the Pullman Elementary building

The purpose of the site sampling was to document lead levels in the sampled locations and compare them to the EPA action level of 20 parts per billion (ppb).

## **INTRODUCTION**

The Environmental Protection Agency (EPA) established the Lead Contamination Control Act (LCCA) of 1988 to identify and reduce lead in drinking water. Both the EPA and the Minnesota Department of Health (MDH) recommend testing of potable water sources (water used for consumption) every five years for the presence of lead. Lead is a metal that usually enters drinking water through the distribution system, including pipes, solders, faucets, and valves. Lead levels in water may increase when the water is allowed to sit undisturbed in the system, such as in science, biology, or art areas. Exposure to lead is a significant health concern, especially to infants and young children whose growing bodies absorb lead more readily than adult bodies do. Lead exposure can cause delays in physical and/or mental development in children and damage to the brain, kidneys, nervous system, and red blood cells. The EPA and MDH recommend that action be taken at a specific fixture when the lead concentration exceeds the EPA's action level for schools of 20 parts per billion (ppb).

## **METHODOLOGY**

IEA collected 64 first-draw (unless otherwise noted) samples of approximately 500 milliliters (ml). "First draw" means the samples are collected before the fixture is used or flushed during the day. The first-draw sample results reflect a worst case scenario, i.e., the highest lead level that would be consumed by building occupants. Current protocol calls for flushing locations 8-18 hours prior to sampling.

Site map with sample locations are included in Appendix A. Water samples were analyzed by Minnesota Valley Testing Laboratories (MVTL) in New Ulm, Minnesota, which uses EPA approved analytical methods and quality control/assurance procedures. Samples were analyzed using the ICP/MS EPA Method 200.8.

INSTITUTE FOR ENVIRONMENTAL ASSESSMENT, INC.  
[www.ieasafety.com](http://www.ieasafety.com)

BROOKLYN PARK  
9201 West Broadway, #600  
Brooklyn Park, MN 55445  
763-315-7900 / FAX 763-315-7920  
800-233-9513

MANKATO  
610 North Riverfront Drive  
Mankato, MN 56001  
507-345-8818 / FAX 507-345-5301  
800-233-9513

ROCHESTER  
210 Woodlake Drive SE  
Rochester, MN 55904  
507-281-6664 / FAX 507-281-6695  
800-233-9513

BRAINERD  
13432 Elmwood Drive, Ste. #5  
Baxter, MN 56425  
218-454-0703 / FAX 218-454-0703  
800-233-9513

MARSHALL  
1420 East College Drive  
Marshall, MN 56258  
507-476-3599 / FAX 507-537-6985  
800-233-9513

**RESULTS & DISCUSSION**

The lead-in-water sampling results ranged from below the level of detection (<0.05 ppb) to 522 ppb. There are four (4) sample results greater than 20 ppb. See *Table 1: Water Testing Results Exceeding 20 ppb*. The laboratory report is provided in Appendix B. Laboratory results are reported in micrograms per liter (µg/L) which is equivalent to parts per billion (ppb).

**Table 1: Water Testing Results Exceeding 20 ppb – September 15, 2016**

Sample Number	Building	Sampling Location	Fixture Type	Lead Results (ppb)
16-A48274	Pullman Elementary	Kitchen Sink #2	Faucet	62.9
16-A48274	Pullman Elementary	Kitchen Sink #3	Faucet	26.0
16-A48274	Pullman Elementary	Sink Room 106	Faucet	522
16-A48274	Pullman Elementary	Sink Room 117	Faucet	97.4

ppb – parts per billion

In addition, two (2) results showed lead levels between 15 ppb and 20 ppb. See *Table 2: Water Testing Results Approaching 20 ppb* for these results. Although the EPA recommends that school drinking water not exceed 20 ppb, the MDH recommends schools seek to reduce the amount of lead in drinking water to as close to zero as possible.

**Table 2: Water Testing Results Approaching 20 ppb – September 15, 2016**

Sample Number	Building	Sampling Location	Fixture Type	Lead Results (ppb)
16-A48274	Pullman Elementary	Drinking Fountain Room 117	Drinking Fountain	14.3
16-A48274	Pullman Elementary	Drinking Fountain Room 118	Drinking Fountain	19.3

ppb – parts per billion

**RECOMMENDATIONS**

IEA recommends implementing one of the following treatment options for the fixtures with lead level exceeding the EPA action level of 20 ppb. These recommendations should also be considered for the fixtures with lead level approaching 20 ppb.

- Install a point-of-use treatment device, such as the Omnipure OMB934 1M Lead Reduction Filter.
- Conduct flush testing in accordance with EPA or MDH guidelines to determine if flushing will reduce lead levels. If results indicate that flushing will reduce lead to acceptable levels, implement a flushing program which includes documentation of daily flushing and periodic program review.
- Replace fixture with “lead free” fixture certified to NSF/ANSI 372 or NSF/ANSI 61-G. The *Reduction of Lead in Drinking Water Act* redefines “lead free” as “not more than a weighted average of 0.25% lead when used with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures.” Effective January 4, 2014, drinking water system components sold or installed must adhere to this new requirement.
- Remove fixture from service by disconnecting it from the water supply.
- Post signs that the water is not potable and to notify staff of this.

In addition, IEA recommends that a copy of the district's Lead- in-Drinking Water Testing Report be made available to staff and the public through the district's administrative offices.

## GENERAL CONDITIONS

The analysis and opinions expressed in this report are based upon water testing at South Washington County Schools. This report does not reflect variations in conditions that may occur. Actual conditions may vary and may not become evident without further assessment.

The report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted environmental, health and safety practices. Other than as provided in the preceding sentence and in our Proposal #5406A dated August 5, 2016 regarding Lead-in-Water Testing, including the General Conditions attached thereto, no warranties are extended or made.

Please contact IEA if you would like assistance with any of the above recommendations or have questions regarding this report.

Sincerely,

IEA, INC.

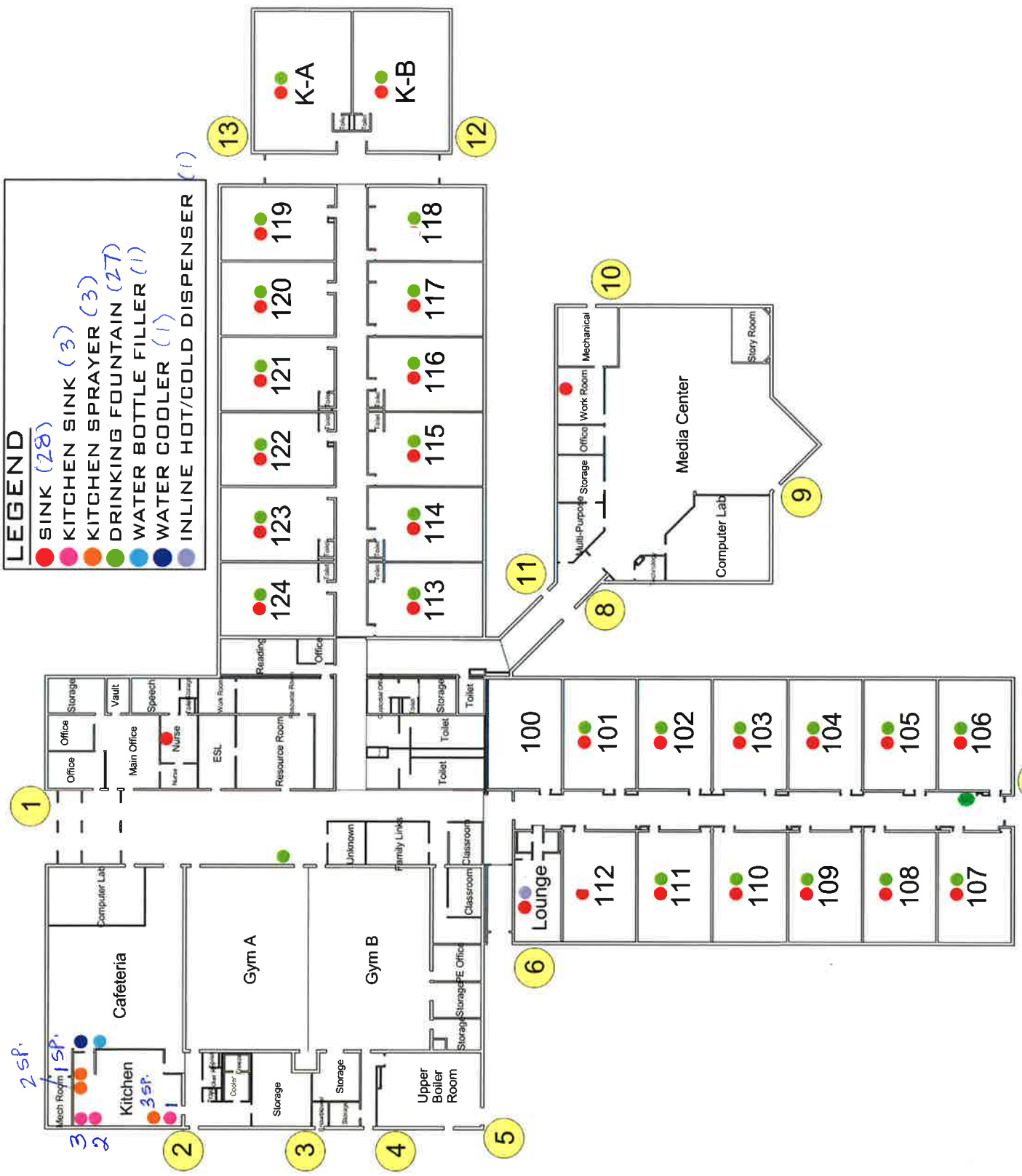
  
Amy Satterfield, CPPM I  
Director of Business Development

  
Karen Weiblen  
EHS/IEQ Consultant

Enclosure

cc: Damien Nelson, Safety & Security

**Appendix A**  
*Site Map/Drawing*



# **Appendix B**

## ***Laboratory Testing Report***



# MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
 2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
 1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

MEMBER  
ACIL

www.mvtl.com

Report Date: 30 Sep 2016

HEIDI SOLBERG  
 IEA/BROOKLYN PARK  
 9201 W BDWY STE #600  
 BROOKLYN PARK MN 55445

Work Order #: 12-14268  
 Account #: 002190  
 Purchase Order #: 201610819

Date Received: 15 Sep 2016  
 Date Sampled: 15 Sep 2016  
 Temperature at Receipt: 19.4C

PROJECT NAME: PULLMAN ELEM.  
 PROJECT NUMBER: 201610819

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
16-A48273	09152016PE-1 KITCHEN SINK #1	2.93 ug/L	15.0	26 Sep 16	RMV
16-A48274	09152016PE-2 KITCHEN SINK #2	62.9 ug/L	15.0	26 Sep 16	RMV
16-A48275	09152016PE-3 KITCHEN SINK #3	26.0 ug/L	15.0	26 Sep 16	RMV
16-A48276	09152016PE-4 KITCHEN SPRAYER #1	2.83 ug/L	15.0	26 Sep 16	RMV
16-A48277	09152016PE-5 KITCHEN SPRAYER #2	4.58 ug/L	15.0	26 Sep 16	RMV
16-A48278	09152016PE-6 KITCHEN SPRAYER #3	3.27 ug/L	15.0	26 Sep 16	RMV
16-A48279	09152016PE-7 BOTTLE FILLER IN CAFETERIA	< 0.5 ug/L	15.0	26 Sep 16	RMV
16-A48280	09152016PE-8 WATER COOLER IN CAFETERIA	< 0.5 ug/L	15.0	26 Sep 16	RMV
16-A48281	09152016PE-9 DF OUTSIDE GYM	3.43 ug/L	15.0	26 Sep 16	RMV
16-A48282	09152016PE-10 SINK NURSES OFFICE	7.38 ug/L	15.0	26 Sep 16	RMV
16-A48283	09152016PE-11 INLINE COOLER LOUNGE	0.63 ug/L	15.0	26 Sep 16	RMV
16-A48284	09152016PE-12 SINK LOUNGE	2.54 ug/L	15.0	26 Sep 16	RMV
16-A48285	09152016PE-15 SINK RM 101	10.4 ug/L	15.0	26 Sep 16	RMV

Approved by:   
 Dan O'Connell, Asst. Chemistry Laboratory Manager New Ulm, MN

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:  
 @ = Due to sample matrix # = Due to concentration of other analytes  
 ! = Due to sample quantity + = Due to internal standard response  
 CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

AN EQUAL OPPORTUNITY EMPLOYER



# MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890

2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724

1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

www.mvtl.com

MEMBER  
ACIL

Report Date: 30 Sep 2016

HEIDI SOLBERG  
IEA/BROOKLYN PARK  
9201 W BDWY STE #600  
BROOKLYN PARK MN 55445

Work Order #: 12-14268  
Account #: 002190  
Purchase Order #: 201610819

Date Received: 15 Sep 2016  
Date Sampled: 15 Sep 2016  
Temperature at Receipt: 19.4C

PROJECT NAME: PULLMAN ELEM.  
PROJECT NUMBER: 201610819

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
16-A48286	09152016PE-16 DF RM 101	3.76 ug/L	15.0	26 Sep 16	RMV
16-A48287	09152016PE-17 SINK RM 102	4.76 ug/L	15.0	26 Sep 16	RMV
16-A48288	09152016PE-18 DF RM 102	2.39 ug/L	15.0	26 Sep 16	RMV
16-A48289	09152016PE-19 SINK RM 103	8.19 ug/L	15.0	26 Sep 16	RMV
16-A48290	09152016PE-20 DF RM 103	4.85 ug/L	15.0	26 Sep 16	RMV
16-A48291	09152016PE-21 SINK RM 104	9.79 ug/L	15.0	26 Sep 16	RMV
16-A48292	09152016PE-22 DF RM 104	4.55 ug/L	15.0	26 Sep 16	RMV
16-A48293	09152016PE-23 SINK RM 105	7.02 ug/L	15.0	26 Sep 16	RMV
16-A48294	09152016PE-24 DF RM 105	3.70 ug/L	15.0	26 Sep 16	RMV
16-A48295	09152016PE-25 SINK RM 106	522 ~ ug/L	15.0	27 Sep 16	RMV
~Sample diluted due to result above calibration or linear range.					
16-A48296	09152016PE-26 DF RM 106	4.60 ug/L	15.0	26 Sep 16	RMV

Approved by:

Dan O'Connell, Asst. Chemistry Laboratory Manager New Ulm, MN

Page: 2

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:

@ = Due to sample matrix # = Due to concentration of other analytes  
! = Due to sample quantity + = Due to internal standard response

CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040

MVTl guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTl to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTl. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

AN EQUAL OPPORTUNITY EMPLOYER





**MINNESOTA VALLEY TESTING LABORATORIES, INC.**

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885  
www.mvttl.com

MEMBER  
**ACIL**

Report Date: 30 Sep 2016


HEIDI SOLBERG  
IEA/BROOKLYN PARK  
9201 W BDWY STE #600  
BROOKLYN PARK MN 55445

Work Order #: 12-14268  
Account #: 002190  
Purchase Order #: 201610819

Date Received: 15 Sep 2016  
Date Sampled: 15 Sep 2016  
Temperature at Receipt: 19.4C

PROJECT NAME: PULLMAN ELEM.  
PROJECT NUMBER: 201610819

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
16-A48297	09152016PE-27 SINK RM 107	5.11 ug/L	15.0	26 Sep 16	RMV
16-A48298	09152016PE-28 DF RM 107	2.78 ug/L	15.0	26 Sep 16	RMV
16-A48299	09152016PE-29 SINK RM 108	7.83 ug/L	15.0	26 Sep 16	RMV
16-A48300	09152016PE-30 DF RM 108	5.20 ug/L	15.0	26 Sep 16	RMV
16-A48301	09152016PE-31 SINK RM 109	5.09 ug/L	15.0	26 Sep 16	RMV
16-A48302	09152016PE-32 DF ROOM 109	3.93 ug/L	15.0	26 Sep 16	RMV
16-A48303	09152016PE-33 SINK RM 110	6.90 ug/L	15.0	26 Sep 16	RMV
16-A48304	09152016PE-34 DF RM 110	4.26 ug/L	15.0	26 Sep 16	RMV
16-A48305	09152016PE-35 SINK RM 111	7.74 ug/L	15.0	26 Sep 16	RMV
16-A48306	09152016PE-36 DF RM 111	4.98 ug/L	15.0	26 Sep 16	RMV
16-A48307	09152016PE-37 SINK RM 112	9.39 ug/L	15.0	26 Sep 16	RMV
16-A48308	09152016PE-39 SINK RM 113	10.9 ug/L	15.0	26 Sep 16	RMV
16-A48309	09152016PE-40 DF RM 113	7.89 ug/L	15.0	26 Sep 16	RMV

Approved by:   
Dan O'Connell, Asst. Chemistry Laboratory Manager New Ulm, MN

Page: 3

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:

@ = Due to sample matrix # = Due to concentration of other analytes  
! = Due to sample quantity + = Due to internal standard response

CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.



# MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
 2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
 1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885  
 www.mvtl.com

MEMBER  
ACIL

Report Date: 30 Sep 2016

HEIDI SOLBERG  
 IEA/BROOKLYN PARK  
 9201 W BDWY STE #600  
 BROOKLYN PARK MN 55445

Work Order #: 12-14268  
 Account #: 002190  
 Purchase Order #: 201610819  
 Date Received: 15 Sep 2016  
 Date Sampled: 15 Sep 2016  
 Temperature at Receipt: 19.4C

PROJECT NAME: PULLMAN ELEM.  
 PROJECT NUMBER: 201610819

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
16-A48310	09152016PE-41 SINK RM 114	7.90 ug/L	15.0	26 Sep 16	RMV
16-A48311	09152016PE-42 DF RM 114	7.88 ug/L	15.0	26 Sep 16	RMV
16-A48312	09152016PE-43 SINK RM 115	5.81 ug/L	15.0	26 Sep 16	RMV
16-A48313	09152016PE-44 DF RM 115	5.83 ug/L	15.0	26 Sep 16	RMV
16-A48314	09152016PE-45 SINK RM 116	4.49 ug/L	15.0	26 Sep 16	RMV
16-A48315	09152016PE-46 DF RM 116	3.77 ug/L	15.0	26 Sep 16	RMV
16-A48316	09152016PE-47 SINK RM 117	97.4 ~ug/L	15.0	27 Sep 16	RMV
~Sample diluted due to result above calibration or linear range.					
16-A48317	09152016PE-48 DF RM 117	14.3 ug/L	15.0	26 Sep 16	RMV
16-A48318	09152016PE-50 DF RM 118	19.3 ug/L	15.0	26 Sep 16	RMV
16-A48319	09152016PE-51 SINK RM 119	12.0 ug/L	15.0	26 Sep 16	RMV
16-A48320	09152016PE-52 DF RM 119	8.51 ug/L	15.0	26 Sep 16	RMV

Approved by:   
 Dan O'Connell, Asst. Chemistry Laboratory Manager New Ulm, MN

Page: 4

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:  
 @ = Due to sample matrix # = Due to concentration of other analytes  
 ! = Due to sample quantity + = Due to internal standard response  
 CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040



**MINNESOTA VALLEY TESTING LABORATORIES, INC.**

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885  
www.mvttl.com

MEMBER  
ACIL

Report Date: 30 Sep 2016

HEIDI SOLBERG  
IEA/BROOKLYN PARK  
9201 W BDWY STE #600  
BROOKLYN PARK MN 55445

Work Order #: 12-14268  
Account #: 002190  
Purchase Order #: 201610819

Date Received: 15 Sep 2016  
Date Sampled: 15 Sep 2016  
Temperature at Receipt: 19.4C

PROJECT NAME: PULLMAN ELEM.  
PROJECT NUMBER: 201610819

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
16-A48321	09152016PE-53 SINK RM 120	6.36 ug/L	15.0	26 Sep 16	RMV
16-A48322	09152016PE-54 DF RM 120	3.78 ug/L	15.0	26 Sep 16	RMV
16-A48323	09152016PE-55 SINK RM 121	5.91 ug/L	15.0	26 Sep 16	RMV
16-A48324	09152016PE-56 DF RM 121	6.42 ug/L	15.0	26 Sep 16	RMV
16-A48325	09152016PE-57 SINK RM 122	5.68 ug/L	15.0	26 Sep 16	RMV
16-A48326	09152016PE-58 DF RM 122	5.80 ug/L	15.0	26 Sep 16	RMV
16-A48327	09152016PE-59 SINK RM 123	4.60 ug/L	15.0	26 Sep 16	RMV
16-A48328	09152016PE-60 DF RM 123	3.30 ug/L	15.0	26 Sep 16	RMV
16-A48329	09152016PE-61 SINK RM 124	11.0 ug/L	15.0	26 Sep 16	RMV
16-A48330	09152016PE-62 DF RM 124	5.99 ug/L	15.0	26 Sep 16	RMV
16-A48331	09152016PE-63 SINK RM K-A	3.88 ug/L	15.0	26 Sep 16	RMV
16-A48332	09152016PE-64 DF RM K-A	4.52 ug/L	15.0	26 Sep 16	RMV
16-A48333	09152016PE-65 SINK RM K-B	1.36 ug/L	15.0	26 Sep 16	RMV

Approved by:   
Dan O'Connell, Asst. Chemistry Laboratory Manager New Ulm, MN

Page: 5

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:  
@ = Due to sample matrix # = Due to concentration of other analytes  
! = Due to sample quantity + = Due to internal standard response  
CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

AN EQUAL OPPORTUNITY EMPLOYER



**MINNESOTA VALLEY TESTING LABORATORIES, INC.**

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885  
www.mvtl.com

MEMBER  
ACIL

Report Date: 30 Sep 2016

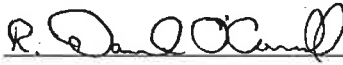
HEIDI SOLBERG  
IEA/BROOKLYN PARK  
9201 W BDWY STE #600  
BROOKLYN PARK MN 55445

Work Order #: 12-14268  
Account #: 002190  
Purchase Order #: 201610819

Date Received: 15 Sep 2016  
Date Sampled: 15 Sep 2016  
Temperature at Receipt: 19.4C

PROJECT NAME: PULLMAN ELEM.  
PROJECT NUMBER: 201610819

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
16-A48334	09152016PE-66 DF RM K-B	3.89 ug/L	15.0	26 Sep 16	RMV
16-A48335	09152016PE-68 DF OUTSIDE RM 106	6.57 ug/L	15.0	26 Sep 16	RMV
16-A48336	09152016PE-69 WOOKROOM SINK	12.7 ug/L	15.0	26 Sep 16	RMV

Approved by:   
Dan O'Connell, Asst. Chemistry Laboratory Manager New Ulm, MN

Page: 6

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:  
@ = Due to sample matrix # = Due to concentration of other analytes  
! = Due to sample quantity + = Due to internal standard response  
CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

AN EQUAL OPPORTUNITY EMPLOYER