

July 03, 2018

Infrastructure Alternatives  
7888 Childsdale NE  
Rockford, MI 49341  
TEL: (616) 866-1600  
FAX (616) 866-1611

RE: Sunset Ridge E. Coli's

Order No.: 1807052

Dear :

Prein&Newhof Laboratory received 4 sample(s) on 7/2/2018 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative. Analytical results designated with a "J" qualifier are estimated and represent a detection above the Method Detection Limit (MDL) and less than the Reporting Limit (PQL). These analytes are not reviewed nor narrated as to whether they are laboratory artifacts.

Any analyte that exceeds the provided permit level are noted on the report with an "\*" in the Qual field.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Steve Bylsma  
Laboratory Manager  
3260 Evergreen Dr NE  
Grand Rapids, MI 49525

**CLIENT:** Infrastructure Alternatives **Collection Date:** 7/2/2018 2:10:00 PM  
**Project:** Sunset Ridge E. Coli's  
**Lab ID:** 1807052-01 **Matrix:** AQUEOUS  
**Client Sample ID** West Downstream Grand River

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**FIELD PARAMETERS**

**FLD**

Analyst:

FieldSampler

Nick

**COLIFORM BY MEMBRANE FILTRATION**

**H10029**

Analyst: **PS**

E. coli

36.0

1.00

Colonies/100ml

1

7/2/2018 3:40:00 PM

**Qualifiers:**

< Not Detected at the Reporting Limit  
 PL Permit Limit

H Holding times for preparation or analysis exceeded  
 PQL Practical Quantitation Limit

**CLIENT:** Infrastructure Alternatives **Collection Date:** 7/2/2018 2:46:00 PM  
**Project:** Sunset Ridge E. Coli's  
**Lab ID:** 1807052-02 **Matrix:** AQUEOUS  
**Client Sample ID** East Upstream Grand River

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**FIELD PARAMETERS**

**FLD**

Analyst:

FieldSampler

Nick

**COLIFORM BY MEMBRANE FILTRATION**

**H10029**

Analyst: **PS**

E. coli

40.0

1.00

Colonies/100ml

1

7/2/2018 3:40:00 PM

**Qualifiers:**

< Not Detected at the Reporting Limit  
 PL Permit Limit

H Holding times for preparation or analysis exceeded  
 PQL Practical Quantitation Limit

**CLIENT:** Infrastructure Alternatives **Collection Date:** 7/2/2018 2:35:00 PM  
**Project:** Sunset Ridge E. Coli's  
**Lab ID:** 1807052-03 **Matrix:** AQUEOUS  
**Client Sample ID** East Downstream Grand River

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**FIELD PARAMETERS**

**FLD**

Analyst:

FieldSampler

Nick

**COLIFORM BY MEMBRANE FILTRATION**

**H10029**

Analyst: **PS**

E. coli

140

1.00

Colonies/100ml

1

7/2/2018 3:40:00 PM

**Qualifiers:**

< Not Detected at the Reporting Limit  
 PL Permit Limit

H Holding times for preparation or analysis exceeded  
 PQL Practical Quantitation Limit

**CLIENT:** Infrastructure Alternatives **Collection Date:** 7/2/2018 2:18:00 PM  
**Project:** Sunset Ridge E. Coli's  
**Lab ID:** 1807052-04 **Matrix:** AQUEOUS  
**Client Sample ID** West Upstream Grand River

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**FIELD PARAMETERS**

**FLD**

Analyst:

FieldSampler

Nick

**COLIFORM BY MEMBRANE FILTRATION**

**H10029**

Analyst: **PS**

E. coli

60.0

1.00

Colonies/100ml

1

7/2/2018 3:40:00 PM

**Qualifiers:**

< Not Detected at the Reporting Limit  
 PL Permit Limit

H Holding times for preparation or analysis exceeded  
 PQL Practical Quantitation Limit

# Prein & Newhof

Engineers • Surveyors • Environmental • Laboratory  
 3260 Evergreen Drive NE  
 Grand Rapids, MI 49525  
 T. 616-364-7600  
 F. 616-364-4222

Air  A  
 Drinking Water  D  
 Groundwater  W  
 Soil  S  
 Sludge  L  
 Oil  O  
 Other  X

Client: I AI  
 Project Name: Sunset Ridge  
 Project #: \_\_\_\_\_  
 Send Results to: I AI  
 Sampling Personnel: Muc Harris

## CHAIN OF CUSTODY

Lab Use	Sample Information				Preservative						Analysis Requested										
	Lab Sample ID #	Date	Time	Sample Description and Location (e.g. MW-1)	MATRIX	None	H2SO4	HNO3	HCl	NaOH	Other										
705A-1	7-2-88	2:10pm	West <del>downstream</del> Grand River																		
2		2:44pm	East upstream Grand River																		
3		2:35p	East Down stream Grand Rivr																		
3M		2:18p	West upstream Grand River																		
Comments:																					

Relinquished By: (Signature) <i>[Signature]</i>	Date 1-2-18	Time 3:30p	Received By: (Signature)	Date	Time	Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time	Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Relinquished By: (Signature) <i>[Signature]</i>	Date 7/1/18	Time 1:53D	Data Package Relinquished By:	Date	Time	Data Received By:	Date	Time	Method of Shipment	Date	Time	Bill of Lading	Date	Time	No. 35561		