

Monday, April 17, 2017

Jeff Shourd

Alliance Illinois 1337 Wabash Ave Springfield, IL 62704

TEL: (217) 787-0527 FAX: (217) 787-0527

RE: Johns Hill Magnet PAS WO: 17D0037

Prairie Analytical Systems, Inc. received 22 sample(s) on 4/3/2017 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

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If you have any questions, please feel free to contact me at (224) 253-1348.

Respectfully submitted,

Christo /S

Christina E. Pierce

Project Manager

Certifications: NELAP/NELAC - IL #100323

#### **Date:** 4/17/2017

#### LABORATORY RESULTS

Client: Alliance Illinois

Project: Johns Hill Magnet

Project: Johns Hill Magnet Lab Order: 17D0037

#### **Case Narrative**

A 250 mL bottle was used for all compliance lead testing.

The plumbing system associated with these samples was last used on 3/31/17 at 2300.

Analyses

\*Lead

Metals by ICP-MS

Prairie Analytical S	<b>Date:</b> 4/17/2017											
			LABO	ORATO	RY RESU	JLTS						
Client: Project: Client Sample ID: Collection Date:	Alliance Illinois Johns Hill Magne JHM-01A 4/1/17 7:10	et					Lab Order: 17D0037  Lab ID: 17D0037-01  Matrix: Drinking Water					
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 21:58	4/15/17 19:32	EPA200.8	JTC		
Client Sample ID: Collection Date:	JHM-01B 4/1/17 7:11			Lab ID: 17D0037-02  Matrix: Drinking Water								
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 19:45	EPA200.8	JTC		
Client Sample ID: Collection Date:	JHM-02A 4/1/17 7:13			Lab ID: 17D0037-03  Matrix: Drinking Water								
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 20:16	EPA200.8	JTC		
Client Sample ID: Collection Date:	JHM-02B 4/1/17 7:14					Lab ID: 17D0037-04 Matrix: Drinking Water						
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 20:20	EPA200.8	JTC		
Client Sample ID: Collection Date:	JHM-03A 4/1/17 7:16					Lab ID: 17D0037-05 Matrix: Drinking Water						
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 20:24	EPA200.8	JTC		
Client Sample ID: Collection Date:	JHM-03B 4/1/17 7:17						Lab ID: 17. Matrix: Dr					

Result

U

Limit Qual

2.00

Units

 $\mu g/L$ 

DF

1

Date Prepared

4/14/17 22:03

Date Analyzed

4/15/17 20:29

Method

EPA200.8

Analyst

JTC

**Collection Date:** 

Metals by ICP-MS

Analyses

\*Lead

4/1/17 7:27

Result

U

Limit Qual

2.00

Units

 $\mu g/L$ 

DF

1

Prairie Analytical Systems, Inc.						<b>Date:</b> 4/17/2017								
			LABO	ORATO	RY RESU	JLTS								
Client: Project: Client Sample ID: Collection Date:	Alliance Illinoi Johns Hill Mag JHM-04A 4/1/17 7:20						Lab Order: 17D0037  Lab ID: 17D0037-07  Matrix: Drinking Water							
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst				
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 20:33	EPA200.8	JTC				
Client Sample ID: Collection Date:	JHM-04B 4/1/17 7:21				Lab ID: 17D0037-08  Matrix: Drinking Water									
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst				
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 20:38	EPA200.8	JTC				
Client Sample ID: Collection Date:	JHM-05A 4/1/17 7:23						Lab ID: 17D0037-09 Matrix: Drinking Water							
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst				
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 20:42	EPA200.8	JTC				
Client Sample ID: Collection Date:	JHM-05B 4/1/17 7:24						Lab ID: 17D0037-10 Matrix: Drinking Water							
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst				
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 20:46	EPA200.8	JTC				
Client Sample ID: Collection Date:	JHM-06A 4/1/17 7:26					Lab ID: 17D0037-11 Matrix: Drinking Water								
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst				
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 21:04	EPA200.8	JTC				
Client Sample ID:	JHM-06B				Lab ID: 17D0037-12									

Method

EPA200.8

Analyst

JTC

Matrix: Drinking Water

Date Analyzed

4/15/17 21:08

Date Prepared

4/14/17 22:03

			LABO	ORATO	RY RESU	JLTS					
Client: Project: Client Sample ID: Collection Date:	Alliance Illinoi Johns Hill Mag JHM-07A 4/1/17 7:29	Alliance Illinois ohns Hill Magnet  Lab Order: 17D0037  HM-07A  Lab ID: 17D0037-13									
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 21:22	EPA200.8	JTC	
Client Sample ID: Collection Date:	JHM-07B 4/1/17 7:30					Lab ID: 17D0037-14  Matrix: Drinking Water					
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 21:26	EPA200.8	JTC	
Client County ID.	JHM-08A						Lab ID. 15	D0007 15			
Client Sample ID: Collection Date:	4/1/17 7:32			Lab ID: 17D0037-15  Matrix: Drinking Water							
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS *Lead		9.04	2.00		μg/L	1	4/14/17 22:03	4/15/17 21:31	EPA200.8	JTC	
Client Sample ID: Collection Date:	JHM-08B 4/1/17 7:33						Lab ID: 17D0037-16  Matrix: Drinking Water				
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS *Lead		9.27	2.00		μg/L	1	4/14/17 22:03	4/15/17 21:35	EPA200.8	JTC	
Client Sample ID: Collection Date:	JHM-09A 4/1/17 7:35						Lab ID: 17	D0037-17 inking Water			
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 21:39	EPA200.8	JTC	
Client Sample ID: Collection Date:	JHM-09B 4/1/17 7:36						Lab ID: 17				
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS *Lead		U	2.00		μg/L	1	4/14/17 22:03	4/15/17 21:44	EPA200.8	JTC	

**Date:** 4/17/2017

**Client Sample ID:** 

**Collection Date:** 

Analyses

Analyses

**Date:** 4/17/2017

LABORATORY RESULTS

**Client:** Alliance Illinois

**Project:** Johns Hill Magnet

> JHM-10A 4/1/17 7:38

Lab Order: 17D0037

**Lab ID:** 17D0037-19

Matrix: Drinking Water

Result Limit Units DF **Date Prepared** Analyses Qual Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 4/14/17 22:03 4/15/17 22:01 EPA200.8 JTC

JHM-10B **Client Sample ID: Lab ID:** 17D0037-20

**Collection Date:** 4/1/17 7:39 Matrix: Drinking Water

DF **Date Prepared Date Analyzed** Analyses Result Limit Qual Units Method Analyst Metals by ICP-MS \*Lead U 2.00 4/14/17 22:03 4/15/17 22:06 EPA200.8 JTC  $\mu g/L$ 1

**Client Sample ID:** JHM-11A **Lab ID:** 17D0037-21

Limit

Result

**Collection Date:** 4/1/17 7:40 Matrix: Drinking Water

**Date Prepared** Date Analyzed Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 4/14/17 22:03 4/15/17 22:10 EPA200.8 JTC

Units

Units

Qual

Qual

DF

DF

**Date Prepared** 

**Date Analyzed** 

JHM-11B **Client Sample ID: Lab ID:** 17D0037-22

**Collection Date:** 4/1/17 7:41 Matrix: Drinking Water

Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 4/14/17 22:06 4/15/17 22:23 EPA200.8 JTC

Method

Method

Analyst

**Date:** 4/17/2017

### LABORATORY RESULTS

Client: Alliance Illinois

Project: Johns Hill Magn

Project: Johns Hill Magnet Lab Order: 17D0037

#### **Notes and Definitions**

R RPD outside acceptance limits.

NELAC certified compound.

U Analyte not detected (i.e. less than RL or MDL).

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## Chain of Custody Record



Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 Chicago IL Office - 9114 Virginia Rd., Ste 112 - Lake in the Hills, IL 60156 - Phone (847) 651-2604 - Facsimile (847) 458-9680 Central / Southern IL Contact - Phone (217) 414-7762 - Facsimile (217) 753-1152

Systems, Incomposates www.prairieanalytical.com

Client	ALLIANCE THIS	sais			100 8	Analysis and/or Method Requested	Tara Service	Miscellaneous -
Address	1337 WABASH A	ILE			7			
City, State, Zip Code	Springflown, Pr					Water		
Phone / Facsimile 217 - 787 - 0527								ast 2
School / Facility	JOHNS HILL U	1 - 1				used 19:		
O. # or Invaice To	ALLIANCE THINO	Lead			2.561			
Contact Person	JEFF SHOVEN			1				
-Mail Address	JEFESHOURD @	the state of the s	NET	1				100
Sam	iple Description	San San	pling - , ,	1 1				
VHM-014112	= 11 P . C	Date	Time		-			Sampler Comments
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JHM-0213 "			7:13	-				
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	FZF S. Couninon		7:20					
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			7:21					
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14m-06A W	of 25 Fan N. Consisson	•	7:26					
14m-06B	F 2F FAR N. Consinon	1	7:27	U				
Matrix: Drir		ervative: None	1.01					
Relinquish	ned By Date	Time		R	eceived	By Date	Time	Method of Shipment
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								,
pecial Instructions:		777		M	K	4/63/17	17:01	Had
Jeciai instructions:			The second second second	1	/			Temperature (°C)
						Rush 🗍 📗	Yes Do	20.0

Copies: White - Client / Yellow - PAS, inc. / Pink - Sampler PAS COC

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Revision 4

# Chain of Custody Record

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Client	ALLIANCE FLUIA			1				w.praineanalytical.com
Address	1337 WABASH	1015	-	1000000	Analysis and/o	r Method Requested		Miscellaneous
City, State, Zip Code	Spains The State of The	THE	4	_				
Phone / Facsimile	Springfiero, Te	6270	7					
School / Facility	217-787-057	27						
P.O. # or Invoice To	JOHNS HILL IN	MGHET		Lead				
Contact Person	ALLIANCE THIND	15		1 9				
E-Mail Address	JEFF SHOVEN	)		1 1				
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	ample Description	San Date	Accessorate and analysis of the second secon	nin (				Service of the servic
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24m-88B	1 CC a 4	·	7:33				-	
JHM-09	A ~ " FAU S. Corvina	-	7:35					
J.Hu- 091	H M IN FAU S. CONVINA  R N N	-	7:35					
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JAM-10B	u u u		7:39					
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31+m-11B	" Kitchen Since "		7:40	-				-
The state of the s	rinking Water Preser	vative: None						
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P//>	4/3/17	7				Date	Time	Method of Shipment
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ecial Instructions;				My		4/03/17	17'N	140
				1	Turnaround Tin	ne: Staydard	The second secon	Tempdrature (°C)
						Rush 🗆	D No	20.0