



DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

1555 North 17th Avenue
Greeley, CO 80631

www.weldhealth.org



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& Response**
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Our vision: Together with the communities we serve, we are working to make Weld County the healthiest place to live, learn, work, and play.

Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631

PWSID:
NPDES:
Facility:

Analysis Report

Report Number: ENSG170928-002

Sample Group Comment:

The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Please write legibly when filling out the COC.

Lab ID: ENS170928-002

Collected: 9/28/2017 9:00 AM

Received: 9/28/2017 9:54 AM

Sample Site: 590 Balsom

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

Facility ID:

PWSID:

Collected By: Customer, Contract

Temp Upon Receipt, C: 18.6

Sample Comment: pH out of hold time

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit	Comment
Oil and Grease Visual	Absent						Visual	CR	9/28/2017 10:01 AM		
Solids, Total Suspended	75.2	mg/L		4	4.0		SM 2540D	SPV	10/2/2017 5:03 PM		
Temperature	19.9	'C					SM 4500HB	CR	9/28/2017 10:01 AM		
pH	7.76	SU					SM 4500HB	CR	9/28/2017 10:01 AM		

Laboratory
Manager:

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Report Key: MDL=Minimum Detection Limit MQL=Minimum Quantitation Limit MCL=Maximum Contamination Level '<' = Less Than '>' = Greater Than

Sample Purpose Key: RT=Routine, RP=Repeat, SP=Special Purpose, CO=Confirmation, PV=Private, RE=Real Estate

Sample Point ID Key: RTOR=Routine Original, RPOR=Repeat Original, RPOT=Repeat Other, RPDN=Repeat Downstream, RPUP=Repeat Upstream, LCR=Lead & Copper, PVOR=Private Original

The Sample Point IDs for Nitrates, Nitrites, and other parameters vary and can be found at: <https://wqcdcompliance.com/schedules> Page 1 of 1



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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631

PWSID:
NPDES:
Facility:

Analysis Report

Report Number: ENSG170731-002

Sample Group Comment:

The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Lab ID: ENS170731-003

Collected: 7/31/2017 1:00 PM

Received: 7/31/2017 3:11 PM

Sample Site: 590 Balsam

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

Facility ID:

PWSID:

Collected By: Customer, Contract

Temp Upon Receipt, C: 29.4

Sample Comment: WCDPHE-Collected 7/31, not 7/30 per Carrie. pH out of hold time.

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit Comment
Oil and Grease Visual	Absent						Visual	CR	7/31/2017 3:16 PM	
Temperature	28.8	°C					SM 4500HB	CR	7/31/2017 3:16 PM	
pH	7.80	SU					SM 4500HB	CR	7/31/2017 3:16 PM	
Solids, Total Suspended	7.65	mg/L		4	4.0		SM 2540D	CR	8/1/2017 11:55 AM	

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Manager:

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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631

PWSID:
NPDES:
Facility:

Analysis Report

Report Number: ENSG170727-005

Sample Group Comment:

Lab ID: ENS170727-005

Collected: 7/26/2017 5:00 PM

Received: 7/27/2017 9:48 AM

Sample Site: 540 Balsam

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

Facility ID:

PWSID:

Collected By: Customer, Contract

Temp Upon Receipt, C: 20.1-22.0

Sample Comment:

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit Comment
Oil and Grease Visual	Absent						Visual	SPV	7/27/2017 10:09 AM	
Temperature	21.6	'C					SM 4500HB	SPV	7/27/2017 10:09 AM	
pH	7.42	SU					SM 4500HB	SPV	7/27/2017 10:09 AM	
Solids, Total Suspended	19.7	mg/L		4	4.0		SM 2540D	SPV	7/28/2017 1:11 PM	
Selenium, Potentially Dissolved	4.91	ug/L		0.13	1.0		3113B	SPV	7/31/2017 2:53 PM	

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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631**PWSID:**
NPDES:
Facility:**Analysis Report**

Report Number: ENSG170623-001

Sample Group Comment:

The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Lab ID: ENS170623-001

Collected: 6/23/2017 11:00 AM

Received: 6/23/2017 11:47 AM

Sample Site: 590 Balsom

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

Facility ID:

PWSID:

Collected By: Customer, Contract

Temp Upon Receipt, C: 19.9

Sample Comment:

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit Comment
Oil and Grease Visual	Absent						Visual	CR	6/23/2017 11:51 AM	
Solids, Total Suspended	14.8	mg/L		4	4.0		SM 2540D	CR	6/23/2017 4:48 PM	
Temperature	21.2	'C					SM 4500HB	CR	6/23/2017 11:51 AM	
pH	7.48	SU					SM 4500HB	CR	6/23/2017 11:51 AM	

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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631**PWSID:**
NPDES:
Facility:**Analysis Report**

Report Number: ENSG170503-006

Sample Group Comment:

The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Lab ID: ENS170503-019

Collected: 5/3/2017 10:00 AM

Received: 5/3/2017 10:53 AM

Sample Site: 590 Balsam Ave

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

Facility ID:

PWSID:

Collected By: Customer, Contract

Temp Upon Receipt, C: 14.7-16.3

Sample Comment:

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit Comment
Oil and Grease Visual	Absent						Visual	MB	5/3/2017 11:05 AM	
Solids, Total Suspended	<4.0	mg/L		4	4.0		SM 2540D	SPV	5/5/2017 12:22 PM	
Temperature	16.2	'C					SM 4500HB	MT	5/3/2017 11:05 AM	
pH	7.46	SU					SM 4500HB	MT	5/3/2017 11:05 AM	
Selenium, Potentially Dissolved	5.12	ug/L		0.13	1.0		3113B	SPV	5/9/2017 4:38 PM	

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Manager:**APPROVED**

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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631

PWSID:
NPDES:
Facility:

Analysis Report

Report Number: ENSG170407-001

Sample Group Comment:

Lab ID: ENS170407-001

Collected: 4/7/2017 11:00 AM

Received: 4/7/2017 12:22 PM

Sample Site: LoLoff

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

PWSID:

Collected By: Customer, Contract

Sample Comment: The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit	Comment
Oil and Grease Visual	Absent						Visual	CR	4/7/2017 12:33 PM		
Solids, Total Suspended	<4	mg/L	<MDL	4	4.0		SM 2540D	CR	4/12/2017 3:12 PM		
Temperature	22.2	'C					SM 4500HB	CR	4/7/2017 12:33 PM		
pH	7.55	SU					SM 4500HB	CR	4/7/2017 12:33 PM		

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Manager:

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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631

PWSID:
NPDES:
Facility:

Analysis Report

Report Number: ENSG170309-003

Sample Group Comment:

The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Lab ID: ENS170309-004

Collected: 3/9/2017 10:00 AM

Received: 3/9/2017 10:39 AM

Sample Site: Loloff

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

PWSID:

Collected By: Customer, Contract

Sample Comment:

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit Comment
Oil and Grease Visual	Absent						Visual	CR	3/9/2017 10:46 AM	
Solids, Total Suspended	<4	mg/L	<MDL	4	4.0		SM 2540D	CR	3/9/2017 4:32 PM	
Temperature	17.0	'C					SM 4500HB	CR	3/9/2017 10:46 AM	
pH	7.48	SU					SM 4500HB	CR	3/9/2017 10:46 AM	

Laboratory
Manager:

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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631**PWSID:**
NPDES:
Facility:**Analysis Report**

Report Number: ENSG170215-006

Sample Group Comment:

Lab ID: ENS170215-025

Collected: 2/15/2017 11:00 AM

Received: 2/15/2017 11:24 AM

Sample Site: 590 Balsam

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

PWSID:

Collected By: Customer, Contract

Sample Comment: *The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.*

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit	Comment
Oil and Grease Visual	Absent							CR	2/15/2017 11:34 AM		
Solids, Total Suspended	<4.0	mg/L	<MDL	4	4.0		SM 2540D	SPV	2/16/2017 1:47 PM		
Temperature	18.6	'C					SM 4500HB	CR	2/15/2017 11:34 AM		
pH	7.52	SU					SM 4500HB	CR	2/15/2017 11:34 AM		
Selenium, Potentially Dissolved	5.22	ug/L		0.13	1.0		SM 3113B	SPV	2/22/2017 1:50 PM		

Laboratory
Manager:**APPROVED**

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Tele: 970-304-6470
Fax: 970-304-6452

**Emergency Preparedness
& Response**
Tele: 970-304-6420
Fax: 970-304-6469

Our vision. Together with the communities we serve, we are working to make Weld County the healthiest place to live, learn, work, and play.

Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631

PWSID:
NPDES:
Facility:

Analysis Report

Report Number: ENSG170130-001

Sample Group Comment:

The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Lab ID: ENS170130-001

Collected: 1/30/2017 11:00 AM

Received: 1/30/2017 11:32 AM

Sample Site: Loloff Pit

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

PWSID:

Collected By: Customer, Contract

Sample Comment:

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit Comment
Oil and Grease Visual	Absent							SPV	1/30/2017 11:37 AM	
Solids, Total Suspended	4.33	mg/L		4	4.0		SM 2540D	SPV	1/30/2017 4:24 PM	
Temperature	14.9	°C					SM 4500HB	SPV	1/30/2017 11:37 AM	
pH	7.46	SU					SM 4500HB	SPV	1/30/2017 11:37 AM	
Selenium, Potentially Dissolved	4.87	ug/L		0.13	1.0		SM 3113B	SPV	2/9/2017 2:38 PM	

Laboratory
Manager:

APPROVED

Department of Public Health and Environment

Neither Weld County nor its affiliates shall be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of consumers.

The Minimum Quantitation Limits of parameters are set forth from the Primary Drinking Water Standards from the EPA. Any parameters with suggested contamination limits are also set forth by the EPA from the Secondary Drinking Water Standards. A Minimum Detection Limit is the amount of a parameter that a method can detect. The Minimum Quantitation Limit is the amount of a parameter that per method as a lab we are allowed to report. For livestock consumption we recommend that your veterinarian review the results.

Report Key; MDL=Minimum Detection Limit MQL=Minimum Quantitation Limit MCL=Maximum Contamination Level '<' = Less Than '>' = Greater Than

Sample Purpose Key; RT=Routine, RP=Repeat, SP=Special Purpose, CO=Confirmation, PV=Private, RE=Real Estate

Sample Point ID Key; RTOR=Routine Original, RPOR=Repeat Original, RPOT=Repeat Other, RPDN=Repeat Downstream, RPUP=Repeat Upstream.

LCR=Lead & Copper, PVOR=Private Original

The Sample Point IDs for Nitrates, Nitrites, and other parameters vary and can be found at: <https://wqcdcompliance.com/schedules> Page 1 of 1



DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

1555 North 17th Avenue
Greeley, CO 80631

www.weldhealth.org



Public Health
Prevent. Promote. Protect.

Health Administration
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Tele: 970-304-6410
Fax: 970-304-6412

Public Health &
Clinical Services
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Fax: 970-304-6416

Environmental Health
Services
Tele: 970-304-6415
Fax: 970-304-6411

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& Response
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Customer: MILL IRON MINING
801 8TH STREET, SUITE 130
GREELEY, CO 80631

PWSID:
NPDES:
Facility:

Analysis Report

Report Number: ENSG170118-009

Sample Group Comment:

The Code of Federal Regulations Title 40 part 136.3 lists the holding time for pH as analyze immediately which is defined as 15 minutes or less from sample collection. You must make your own determination of validity for results analyzed beyond 15 minutes.

Lab ID: ENS170118-022

Collected: 1/18/2017 4:00 PM

Received: 1/18/2017 4:24 PM

Sample Site: Lolloff Pit

Purpose: RT

Sample Point: Discharge

Sample Point ID: RTOR

PWSID:

Collected By: Customer, Contract

Sample Comment:

Result Name	Result	Unit	Flag	MDL	MQL	MCL	Method	Analyst	Date Analyzed	Limit Comment
Oil and Grease Visual	Absent							SPV	1/18/2017 4:32 PM	
Solids, Total Suspended	16.5	mg/L		4	4.0		SM 2540D	SPV	1/20/2017 8:23 AM	
Temperature	15.1	°C					SM 4500HB	SPV	1/18/2017 4:32 PM	
pH	7.42	SU					SM 4500HB	SPV	1/18/2017 4:32 PM	
Selenium, Potentially Dissolved	4.26	ug/L		0.13	1.0		SM 3113B	SPV	1/25/2017 11:09 AM	

Laboratory
Manager:

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Department of Public Health and Environment

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Report Key: MDL=Minimum Detection Limit MQL=Minimum Quantitation Limit MCL=Maximum Contamination Level '<' = Less Than '>' = Greater Than

Sample Purpose Key: RT=Routine, RP=Repeat, SP=Special Purpose, CO=Confirmation, PV=Private, RE=Real Estate

Sample Point ID Key: RTOR=Routine Original, RPOR=Repeat Original, RPOT=Repeat Other, RPDN=Repeat Downstream, RPUP=Repeat Upstream,

LCR=Lead & Copper, PVOR=Private Original

The Sample Point IDs for Nitrates, Nitrites, and other parameters vary and can be found at: <https://wqcd.compliance.com/schedules> Page 1 of 1