

# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



## SURFACE WATER PROTECTION (SWP) - INSPECTION REPORT

<b>Facility Name (PLACE):</b> January Adit (Norton Mine) <b>Facility Type:</b> Mining (Sector G – Metal Mining) <b>Permit Number (LTF):</b> 81380 <b>Alternative Permit ID:</b> AZMS 81380 <b>County:</b> Santa Cruz	<b>Inspection ID:</b> 402717 <b>Type of Inspection:</b> AZPDES Stormwater Multi Sector Mining <input checked="" type="checkbox"/> Compliance Inspection ( <input checked="" type="checkbox"/> Checked if Announced) <input type="checkbox"/> Complaint Inspection - Complaint ID: <input type="checkbox"/> Follow-Up Inspection:
<b>Physical Location:</b> 749 Harshaw Rd <b>City, State, Zip:</b> Patagonia, AZ 85624 <b>Mailing Address:</b> 2210 E Fort Lowell Rd <b>City, State, Zip:</b> Tucson, AZ 85719	<b>Lead Inspector (Author):</b> Steven Saeed <b>Inspector Email:</b> saeed.steven@azdeq.gov <b>Inspector Phone:</b> (520) 628-6743 <b>Additional Inspectors:</b> none
<b>Permittee (CUSTOMER):</b> Arizona Minerals, Inc. <b>Address:</b> 2210 E Fort Lowell Rd, Tucson, AZ 85719 <b>Phone:</b> <b>Email:</b>	<b>Inspection Date:</b> 7/21/2022 <b>Weather:</b> Sunny <b>Start Time:</b> 9:00 AM <b>End Time:</b> 10:00 AM
<b>Results of Inspection:</b> <input checked="" type="checkbox"/> No deficiencies were noted during the inspection. No ADEQ action will result from this inspection. <input type="checkbox"/> Potential deficiencies noted during the inspection. Additional correspondence regarding this inspection may be coming from ADEQ. <input type="checkbox"/> Follow-up action is needed; please submit the requested documentation, which is detailed on the:	
<b>Inspection Report Delivery Method:</b> email from ADEQ office <b>Inspection Report Issued Date:</b> 8/5/2022	<b>Facility Initials:</b> <b>ADEQ Initials:</b>
<b>Attachment(s):</b> Notice of Inspection Rights Small Business Bill of Rights Program Checklist(s)	

Attendee Name	Title (include license#)	Company/Agency	Opening	Inspection	Debrief
Brent Musslewhite	Director, Environment & Permitting	Arizona Minerals, Inc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Kara Haas	Principal Environment	South 32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Matt Owens	Environmental Specialist	Arizona Minerals, Inc,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Introduction</b> This inspection was an incident-response inspection at the January Adit (Norton Mine), also known as Hermosa Project, regarding a report of a spill of drilling fluid to the Harshaw Creek. The spill was discovered in the early morning hours of July 19, 2022. During a shift change, some employees observed water on a road crossing. This sparked an investigation which lead them to discover that drilling fluid was daylighting through coarse material. The facility immediately stopped drilling, installed filter socks, and initiated clean-up of the deposited solids from the drilling fluid. There is a tributary near the drilling site which conveyed the drilling fluid to Harshaw Creek. It's estimated that approximately 10,000 gallons of drilling fluid was discharged to Harshaw Creek. This inspection was conducted virtually.
<b>Facility/Site Description/Treatment Process?</b> This site is covered under the AZPDES Stormwater 2019 Multi Sector General Permit (MSGP) Mining (AZMSG2019-002). The primary industrial activity for this industrial facility is Sector G – Metal Mining (Ore Mining & Dressing). The Standard Industrial Classification (SIC) codes for this facility are 1031 – Lead and Zinc Ores, and 1044 – Silver Ores, which makes the subsector for this facility G2. The area associated with the primary and co-located industrial activity is approximately 300. This facility does not discharge to a Municipal Separate Storm Sewer System (MS4). This facility has potential to discharge to an impaired water. The nearest receiving surface water is the Harshaw Creek.
<b>Opening Conference</b> Since this inspection was virtual, I received a signature on the Notice of Inspection Rights virtually via Adobe Sign from Mr. Musslewhite. This inspection was a focused inspection due to the spill. Documentation was not reviewed as a part of this inspection.

## SWP INSPECTION REPORT

### Closing Conference

After the field observations, we held the inspection closing conference. I gave the on-site representatives my evaluation of what was observed.

### Observations

#### Permit Related Documents Reviewed Before/During Inspection

<input type="checkbox"/> AZPDES Permit	<input type="checkbox"/> Fact Sheet	<input type="checkbox"/> Operator Certs
<input type="checkbox"/> SWPPP/SWMP	<input type="checkbox"/> Previous ADEQ Inspection Reports	<input type="checkbox"/> Sampling Records
<input type="checkbox"/> Training Records	<input type="checkbox"/> Visual Inspections	<input type="checkbox"/> Other:

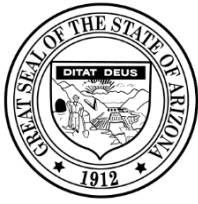
#### Field Observations

Clean-up efforts were initiated by the responsible party on July 19, 2022. This included crews manually removing the sediment deposited along the tributary and Harshaw Creek from the drilling fluid. Filter socks installed along the tributary to Harshaw Creek as well as at the confluence of the tributary and Harshaw Creek. Filter socks also installed along Harshaw Creek.

### Comments and Potential Deficiencies (Areas of Concern)

#### Comments

Ensure Correct Action Report submitted by August 18, 2022



# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



## MULTI-SECTOR GENERAL PERMIT (MSGP) - FIELD INSPECTION REPORT

<b>Site Name:</b> January Adit (Norton Mine)	<b>Permit #:</b> AZMS81380	<b>Inspection ID:</b> 402717
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PRE-INSPECTION		C: Compliant NC: Non-Compliant	Comments
<b>Sector Code:</b> G - Metal Mining (Ore Mining and Dressing) Facilities	<b>Sub-Sector Code:</b> G2 (SIC 1031)	<b>Co-Located Sub-Sector(s):</b> G2 (SIC 1044)	
<b>Sector Specific Checklist(s) Included:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A		<b>Sector specific monitoring and reporting required (8.A-8.AD):</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	
Is the site an inactive and unstaffed site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
If yes, is the exemption statement maintained with the SWPPP? (1.6/4.2.3.4)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A		
Is the information on the Notice of Intent (NOI) accurate? (1.3.1.2)	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A		
Does the site have the potential to discharge to a Municipal Separate Storm Sewer System (MS4)? (1.3.1.1.e)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	If yes, verify MS4 identified in Section E of NOI and the closest receiving surface water is identified.	
Nearest receiving surface water body: Harshaw Creek Distance:			

EFFLUENT LIMITATIONS AND WATER QUALITY STANDARDS (2.1.1)	Comments
Does the site discharge to an Impaired Water? (2.1.1.1.b)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If yes, does the site have a monitoring program as outlined in Section 6.2.3 of the permit? (2.1.1.1.b)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A Not reviewed

CONTROL MEASURES (SWPPP and SITE INSPECTION) (2.2.1)	Comments
Is exposure minimized in areas of manufacturing, processing, and material storage? (2.2.1.2.1)	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A
Is good housekeeping applied (2.2.1.2.2)	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A
Are inspections, maintenance, and repair of industrial equipment systems conducted? (2.2.1.2.3)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A This was a focused inspection. Documentation was not reviewed.
Is the site implementing the spill prevention and response procedures as identified in the SWPPP? (2.2.1.2.4)	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A
Is on-site erosion and sedimentation being managed? (2.2.1.2.5)	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A
Is run-off being managed to minimize the discharge of pollutants? (2.2.1.2.6)	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A
Are piles of salt or piles containing salt used for deicing or other commercial or industrial purposes enclosed or covered? (2.2.1.2.7)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A
Is the permittee conducting annual training as required by the permit? (2.2.1.2.8)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A

### MSGP FIELD INSPECTION REPORT

Is generation of dust and off-site tracking of raw, final, or waste material minimized? (2.2.1.2.10)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A			
<b>CORRECTIVE ACTIONS (3.0)</b>		<b>Comments</b>		
Were there any conditions that would trigger a corrective action in the current reporting year? (3.1.1)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<b>Date(s)</b> 19-Jul-22	<b>Volume Discharged (gals)</b> ~10,000	<b>Contaminant(s)</b> Drilling Fluid: bentonite		
If yes, were the discovery of the conditions documented within 72 hours of discovery	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
The corrective action(s) were documented within 14 calendar days? (3.2)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Inspection was conducted 48 hours after discovery		
If yes, did the corrective action report include the appropriate information?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A			
If yes, describe the type of corrective action: (3.2)				
Was a Corrective Action Report Form submitted to ADEQ within 30 days of discovery including all the above? (3.2)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Correct Action Report due August 18, 2022		
<b>ROUTINE INSPECTIONS (4.1)</b>		<b>Comments</b>		
Routine Inspections conducted at least quarterly (4.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Date of most recent Inspection:		
One Routine Inspection per year performed during rain event (4.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Date of rain event:		
Inspections conducted by SWPPP designated inspectors (4.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A			
Was the inspection documentation available for review? (4.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	This was a focused inspection. Documentation was not reviewed.		
Routine Inspection checklist includes all the following required elements (4.1.1):	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A			
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> The inspection date and time  <input type="checkbox"/> The name(s) and signature(s) of the inspector(s)  <input type="checkbox"/> Weather information and a description of any discharges occurring at the time of inspection  <input type="checkbox"/> Evidence demonstrating that previously unidentified discharges of pollutants have occurred from the site                 </td> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> Any control measures needing maintenance or repairs  <input type="checkbox"/> Any failed control measures that need replacement  <input type="checkbox"/> Any other evidence of deviations from the permit or SWPPP observed  <input type="checkbox"/> Any additional control measures needed to comply with the permit requirements                 </td> </tr> </table>			<input type="checkbox"/> The inspection date and time <input type="checkbox"/> The name(s) and signature(s) of the inspector(s) <input type="checkbox"/> Weather information and a description of any discharges occurring at the time of inspection <input type="checkbox"/> Evidence demonstrating that previously unidentified discharges of pollutants have occurred from the site	<input type="checkbox"/> Any control measures needing maintenance or repairs <input type="checkbox"/> Any failed control measures that need replacement <input type="checkbox"/> Any other evidence of deviations from the permit or SWPPP observed <input type="checkbox"/> Any additional control measures needed to comply with the permit requirements
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<b>VISUAL ASSESSMENTS (4.2)</b>		<b>Comments</b>		
Visual assessments performed and/or exceptions documented (4.2)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A			
Was visual assessment documentation available for review? (4.2.2)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	This was a focused inspection. Documentation was not reviewed.		
1 <sup>st</sup> visual assessment performed Summer Wet Season (June 1 – October 31)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Date of Inspection:		
2 <sup>nd</sup> visual assessment performed Summer Wet Season (June 1 – October 31)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Date of Inspection:		
1 <sup>st</sup> visual assessment performed Winter Wet Season (November 1 – May 31)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Date of Inspection:		
2 <sup>nd</sup> visual assessment performed Winter Wet Season (November 1 – May 31)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Date of Inspection:		
Visual assessments performed following all required procedures (4.2.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A			

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Visual sample documentation includes all the following required elements (4.2.2)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Sample locations <input type="checkbox"/> Sample collection date and times for each sample <input type="checkbox"/> Visual assessment date and time for each sample <input type="checkbox"/> Person collecting the sample and signature <input type="checkbox"/> Person conducting visual assessment and signature	<input type="checkbox"/> Nature of the stormwater discharge <input type="checkbox"/> Results of the observations of the stormwater discharge <input type="checkbox"/> Probable sources of any observed stormwater contamination <input type="checkbox"/> If applicable, reason why it was not possible to take sample within the first 30 minutes.	

<b>STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (5.0)</b>		<b>Comments</b>
SWPPP available for inspection (5.4)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	This was a focused inspection. Documentation was not reviewed.
<b>SWPPP contains at least the following (5.1):</b>		<b>Comments</b>
Identification of the SWPPP team (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Description of the industrial activities at the site (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
General location map (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
A legible site map completed to scale that identifies at a minimum the following elements: (5.1.2)		<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Location and extent of significant structures and impervious surfaces <input type="checkbox"/> Directions of stormwater flow <input type="checkbox"/> Locations of stormwater conveyances <input type="checkbox"/> Locations of existing structural control measures <input type="checkbox"/> Locations of surface waters receiving the site's discharges and any impaired waters within 2.5 miles downstream of site <input type="checkbox"/> Locations where the site's stormwater discharges to a regulated MS4 <input type="checkbox"/> Locations of potential pollutant sources identified under part 5.1.3.2 of the permit <input type="checkbox"/> Locations where significant spills or leaks identified under Part 5.1.3.3 of the permit <input type="checkbox"/> Locations of all stormwater monitoring points <input type="checkbox"/> Locations of stormwater inlets and outfalls, with a unique identifier for each outfall <input type="checkbox"/> Identification of "substantially identical" outfalls	<input type="checkbox"/> Approximate areas draining to each outfall <input type="checkbox"/> Identification of all outfalls having the potential to contain allowable non-stormwater discharges under Part 1.1.3 of the permit and the corresponding type(s) of discharges <input type="checkbox"/> Location of on-site drywell(s) and their registration numbers <input type="checkbox"/> Locations of the following activities exposed to stormwater with a potential to discharge: <ul style="list-style-type: none"> <li>• Fueling stations</li> <li>• Vehicle and equipment maintenance and/or cleaning areas</li> <li>• Loading and unloading areas</li> <li>• Locations used for the treatment/storage/disposal of wastes</li> <li>• Liquid storage tanks</li> <li>• Processing and storage areas</li> <li>• Access roads and rail lines used to transport raw materials/manufactured products/waste material/by-products used or created at the site</li> <li>• Transfer areas for substances in bulk</li> <li>• Machinery</li> </ul> <input type="checkbox"/> Locations of sources of run-on to the site from adjacent property(s) that contain significant quantities of pollutants	
Potential pollution sources listed (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Location and type of control measures implemented at the site. (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Maintenance measures, procedures, and schedules for all industrial equipment and systems exposed to stormwater (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Documented procedures for preventing and responding to spills and leaks (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Training for Sector specific requirements (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Documented procedures for conducting Visual Assessments (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Documented procedures for conducting inspections (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	

**MSGP FIELD INSPECTION REPORT**

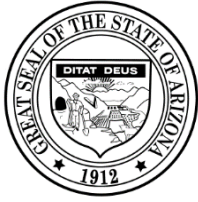
Are substantially identical outfalls identified and appropriately documented in the SWPPP? (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Is the SWPPP signed and dated as required by the permit? (5.1.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
All documents signed by Duly Authorized Representative (Appendix B, Subsection 9.b)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
<b>Documents to be included in the SWPPP (5.6):</b>		<b>Comments</b>
Copy of Notice of Intent (NOI)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Copy of current General Permit	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Descriptions and dates of any incidences of significant spills, leaks or other releases resulting in discharge	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Record of employee training including dates (may be kept separate from SWPPP)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	Date of last Training:
Repairs of structural control measures including details and dates (may be kept separate from SWPPP)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Rationale for deviations from visual assessment and monitoring schedules	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Corrective actions including triggering events and dates	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Documentation to support permittee's claim that site is inactive and unstaffed	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Modifications or changes to SWPPP are signed and dated (5.3)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	

<b>MONITORING AND REPORTING (6.0 and 7.0)</b>		<b>Comments</b>
Select all required analytical monitoring (6.1.1)	<input type="checkbox"/> None required <input checked="" type="checkbox"/> General Analytical monitoring (mining) <input type="checkbox"/> Routine Analytical monitoring (non-mining) <input type="checkbox"/> Effluent Limitation monitoring <input checked="" type="checkbox"/> Impaired Waters monitoring <input type="checkbox"/> ADEQ Additional monitoring	This was a focused inspection. Documentation was not reviewed.
Are exceptions or exemptions to analytical monitoring reported? (6.4)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Are the correct parameters being measured?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Any exceedances of numeric effluent limits (action levels) or water quality standards?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
If yes, were exceedance reports submitted to ADEQ?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
If yes, was monitoring continued at least twice per wet season until the discharge was in compliance or ADEQ waived the monitoring requirement?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
<b>Sampling and Analysis Plan contains the following (6.1.5):</b> <input type="checkbox"/> Designate and train personnel to collect, maintain, and handle samples <input type="checkbox"/> Identify water quality parameters/pollutants to be sampled		This was a focused inspection. Documentation was not reviewed.
<b>Written procedures for:</b> <input type="checkbox"/> Sample collection <input type="checkbox"/> Tracking <input type="checkbox"/> Preservation <input type="checkbox"/> Handling		This was a focused inspection. Documentation was not reviewed.

**MSGP FIELD INSPECTION REPORT**

Are all monitoring instruments and equipment calibrated and maintained in accordance with manufacturer's recommendation? (6.1.5)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Except for field parameters, are all samples analyzed by a laboratory licensed with ADHS? (6.1.5)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Were any Control Measure Assessment Reports submitted within 30 days of an actionable sample? (6.2.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
If any samples exceeded an ELG, has Accelerated Monitoring been implemented? (6.3)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Electronic Discharge Monitoring Reports (e-DMR) submitted within 30 days of receiving the laboratory analytical data (if required) (7.1.3)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
If there is no sampling data for the reporting period, e-DMR submitted no later than (6.5/6.4.5): <ul style="list-style-type: none"> <li>• Winter Wet Season: June 30</li> <li>• Summer Wet Season: November 30</li> </ul>	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
All inspections, monitoring, and certification records retained with the SWPPP (7.3/7.4)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	

<b>SITE INSPECTION</b>		<b>Comments</b>
Were any discharges or evidence of discharges observed? If yes, describe in comments.	Non-stormwater	Discharge of drilling fluid to Harshaw Creek
Control measures consist of what was identified in the SWPPP?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	This was a focused inspection. Documentation was not reviewed.
Control measures are effective?	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A	
Spill response equipment available?	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A	
Maintenance, procedures, and schedules are conducted as written in the SWPPP?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	This was a focused inspection. Documentation was not reviewed.



# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



## MULTI-SECTOR GENERAL PERMIT (MSGP) MINING FACILITIES Field Inspection Addendum – Sector G Metal Mining (Ore Mining and Dressing) Facilities

<b>Site Name:</b> January Adit (Norton Mine)	<b>Permit #:</b> AZMS81380	<b>Inspection ID:</b> 402717
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<b>Sector G Metal Mines – Active/Inactive Mining Phase</b>		
<b>Additional Control Measures (8.G.5)</b>	C: Compliant NC: Non-Compliant	<b>Comments</b>
Describe Discharge.	Non-stormwater	Drilling fluid
Has permittee evaluated whether some or all additional stormwater controls identified in Section 8.G.5.1 are necessary in order to meet the requirements of Section 2.1 and implemented if necessary?	<input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> N/A	

<b>Additional SWPPP Requirements (8.G.6)</b>		<b>Comments</b>
Does the SWPPP document mining and associated activities that can potentially affect stormwater discharges? (8.G.6.1)	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Does the Site Map include the following (8.G.6.2): <input type="checkbox"/> Location of the site relative to major transportation routes and communities <input type="checkbox"/> Site boundaries of co-located facilities <input type="checkbox"/> Temporary control measures used during exploration and/or construction <input type="checkbox"/> Access and haul roads <input type="checkbox"/> Location of mine drainage, dewatering or other process water <input type="checkbox"/> Outline of drainage areas and or each stormwater outfalls with indication of types of discharges into the drainage area. <input type="checkbox"/> Boundary of areas that contribute to discharges subject to effluent limitation guidelines.	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	
Locations of any of the following if they are located such that they will contribute to a discharge from a stormwater outfall: <input type="checkbox"/> Mining or milling site boundaries; immediate access roads and haul roads; <input type="checkbox"/> Overburden, materials, soils, or waste storage areas; <input type="checkbox"/> Outdoor equipment storage, fueling, and maintenance areas; <input type="checkbox"/> Material handling areas; <input type="checkbox"/> Outdoor manufacturing, outdoor storage, and material disposal areas; <input type="checkbox"/> Outdoor chemical and explosive storage areas; <input type="checkbox"/> Reclaimed areas		



General Analytical Monitoring for Active Copper Mining/Dressing (8.G.8.1)		Comments
If required, has the site conducted the appropriate Routine Analytical Monitoring in accordance with Table 8.G-8.1?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	

Table 8.G-8.1	
Subsector (Site discharges may be subject to requirements for more than one sector/subsector)	Parameter
Subsector G1. Active Copper Ore Mining and Dressing Facilities (SIC 1021)	Total Suspended Solids (TSS)
	Copper

Monitoring Req's for Waste Rock and Overburden Piles (Active sites) (8.G.8.2.1)		Comments
If required, has the site conducted the appropriate Routine Analytical Monitoring in accordance with Table 8.G-8.2?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	

Table 8.G-8.2	
Subsector (Discharges may be subject to requirements for more than one sector/subsector)	Parameter
Subsector G2. Iron Ores; Copper Ores; Lead and Zinc Ores; Gold and Silver Ores; Ferroalloy Ores, Except Vanadium; and Miscellaneous Metal Ores (SIC Codes 1011, 1021, 1031, 1041, 1044, 1061, 1081, 1094, 1099)	Total Suspended Solids (TSS)
	Turbidity
	pH
	Hardness (as CaCO <sub>3</sub> ; calc. from Ca, Mg) <sup>1</sup>
	Arsenic, total & dissolved <sup>1</sup>
	Beryllium, total & dissolved <sup>1</sup>
	Cadmium, total & dissolved <sup>1</sup>
	Copper, total & dissolved <sup>1</sup>
	Iron, total & dissolved
	Lead, total & dissolved <sup>1</sup>
	Nickel, total & dissolved <sup>1</sup>
	Selenium, total
	Zinc, total & dissolved <sup>1</sup>

<sup>1</sup> These metals are hardness-dependent and require sampling for water hardness. See Appendix C.

Monitoring Req's for Waste Rock and Overburden Piles (Active sites) (8.G.8.2.2)		Comments
If required, has the site conducted the appropriate Routine Analytical Monitoring in accordance with Table 8.G-8.3?	<input type="checkbox"/> C <input type="checkbox"/> NC <input checked="" type="checkbox"/> N/A	

Table 8.G-8.3	
Subsector (Discharges may be subject to requirements for more than one sector/subsector)	Parameter
Lead and Zinc Ores (SIC Code 1031)	pH
	Lead, total & dissolved <sup>1</sup>
	Zinc, total & dissolved <sup>1</sup>
Gold and Silver Ores (SIC 1041 and 1044)	pH
	Cyanide (free)
	Silver total & dissolved <sup>1</sup>
Ferroalloy Ores, Except Vanadium (SIC Code 1061)	pH
	Manganese
Uranium-Vanadium-Radium Ore Mining (SIC Code 1094)	Radium, total and dissolved
	Uranium
<sup>1</sup> These metals are hardness-dependent and require sampling for water hardness.	