



Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007-2935
(602) 771-2300 • <http://www.azdeq.gov>



Benjamin H. Grumbles
Director

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

August 11, 2010

R. Hunter White, Senior Vice President, Southeastern Arizona
Freeport-McMoRan Morenci, Inc.
4521 U.S. Highway 191
Morenci, AZ 85540



Subject: Air Quality Control Permit No. 52476
Copper Mining Facility - Place ID: 2512

Dear Mr. White:

The Arizona Department of Environmental Quality, Air Quality Division, has completed its review of the referenced significant permit revision application.

I am prepared to recommend that your Air Quality Control Permit Revision be issued with conditions necessary to meet all rules and regulations applicable to this source related to air pollution control. A draft of the permit revision with appropriate conditions is enclosed for your review.

In accordance with Arizona Revised Statute §49-426.D, a Public Notice will be issued in the **Copper Era** and the **Easter Arizona Courier** on August 18, 2010, and August 25, 2010, and will give instructions for making comments and an opportunity to request a Public Hearing on the permit revision. A copy of this Public Notice is also enclosed.

You will need to post a copy of this Public Notice adjacent to the nearest public roadway on the property where your facility is or will be located. This notice posting should conform to the attached Public Notice posting requirements. The notice should be posted from the date of first publication to September 17, 2010.

If you have any questions, please contact me at (602) 771-2321.

Sincerely,

Trevor Baggione, Deputy Director
Air Quality Division

TB4: em3

cc: Tim Franquist, Acting Section Manager (via e-mail)

PUBLIC NOTICE

YOU HAVE A VOICE IN AIR POLLUTION CONTROL IN ARIZONA

The Arizona Department of Environmental Quality (ADEQ) proposes to issue Air Quality Control Significant Permit Revision Number 50922 to Freeport-McMoRan Morenci, Inc. for the copper mining facility located at 4521 U.S. Highway 191, Morenci, Greenlee County, Arizona, 85540. The mailing address for the facility is the same as the address noted above. The project is to enhance the crushing and conveyance system in the mine area. The proposed permit revision is subject to the requirements of the federal Clean Air Act, Arizona Revised Statute 49-426, and Arizona Administrative Code, Title 18, Chapter 2, Articles 3 and 7. This proposed permit revision will limit emissions of particulate matter (PM) and particulate matter with an aerodynamic of less than 10 microns (PM10).

This public notice provides information to help you participate in the decision-making process. You have an opportunity to submit written comments on this permit revision, and request that ADEQ hold a public hearing on the permit revision. The written comment shall state the name and mailing address of this person, shall be signed by the person, their agent or attorney and shall clearly set forth reasons why the permit should or should not be issued. Grounds for comment are limited to whether the permit revision meets the criteria for issuance spelled out in the state air pollution control laws or rules.

Materials related to the permit revision, including the application, ADEQ's analysis and the draft permit revision are available for your review at ADEQ's office at 1110 West Washington Street, Phoenix, Arizona and at the Clifton Town Clerk's Office at 510 North Coronado Boulevard in Clifton, AZ 85533. You may also view the draft permit revision and technical support document online at <http://www.azdeq.gov/environ/air/permits/index.html> by selecting Public Notices, Meetings and Hearings.

The public notice period begins on August 18, 2010. Persons wishing to submit written comments can do so prior to September 17, 2010. If mailed, written comments must be received by this date. Comments should be directed to: Trevor Baggione, Air Quality Deputy Director, ADEQ, 1110 West Washington Street, 3415A-1, Phoenix, AZ 85007 or via e-mail at tb4@azdeq.gov.

ADEQ will consider all comments received in making a final decision on the proposed permit revision. Everyone commenting will receive notification of the final decision. People who file comments on the permit revision will have the right to appeal the final decision as an appealable agency action to the Office of Administrative Hearing (OAH) pursuant to §41.1092.03, and the appeal must be filed within thirty (30) days after the issuance of the final decision. The OAH may sustain, modify, or reverse the final decision.

Persons with a disability may request a reasonable accommodation such as a sign language interpreter, by contacting Linda Morrison (602) 771-4793 TDD phone 771-4829. Requests should be made as early as possible to allow time to arrange the accommodation.

If you would like to receive copies of future Public Notices of Air Pollution Control Permits, please provide your name, address, and zip code, or e-mail address to the Air Quality Deputy Director at ADEQ's address or e-mail shown above. Your request should state that you wish your name to be placed on the Air Quality Permit mailing list.

If you have any questions or would like to find out more information about this permit revision, please contact Trevor Baggione at (602) 771-2308, when in Arizona (800) 234-5677 (Ext. 771-2308), or at ADEQ's address shown above or at tb4@azdeq.gov.

MINIMUM SIGN SIZE REQUIREMENTS
for ADEQ

**AIR QUALITY
CONTROL PERMIT
APPLICATION**

Written Comment Period
Ends September 17, 2010
Proposed Permit Revision # 52476

(Public
Notice
Copy
Goes
Here)

For more information contact:

**ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (A.D.E.Q.)
(800) 234-5677**

MINIMUM REQUIREMENTS:

1. Sign shall be 3-feet wide by 4-feet high.
2. Bottom of sign shall be 18 inches above the ground.
3. Sign shall be supported by two anchor posts.
4. Sign shall be posted on the affected property in such a manner as to be legible from the public right of-way.
5. Sign shall be black letters on a white background.
6. Sign shall be made of 1/4-inch plywood.

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Quality Division
1110 W. Washington Street • Phoenix • AZ 85007 • Phone: (602) 771-2316
**SIGNIFICANT PERMIT REVISION TO AIR QUALITY CONTROL
PERMIT**

(As required by Title 49, Chapter 3, Article 2, Section 49-426, Arizona Revised Statutes)

This air quality control permit does not relieve applicant of responsibility for meeting all air pollution regulations

1. PERMIT TO BE ISSUED TO (Business license name of organization that is to receive permit) _____

Freeport-McMoRan Morenci, Inc.

2. NAME (OR NAMES) OF OWNER OR PRINCIPALS DOING BUSINESS AS THE ABOVE ORGANIZATION _____

3. MAILING ADDRESS **4521 U.S. Highway 191**

Number

Morenci

City or Community

AZ

State

85540

Zip Code

4. ORIGINAL EQUIPMENT LOCATION/ADDRESS _____

4521 U.S. Highway 191

Number

Street

Morenci

City or Community

Greenlee

County

AZ

State

86009-9795

Zip Code

5. FACILITIES AND DESCRIPTION _____

Copper Mining Facility

6. THIS PERMIT IS ISSUED SUBJECT TO THE FOLLOWING _____

Conditions as described in

attached

7. ADEQ SIGNIFICANT REVISION NUMBER _____

52476

PERMIT CLASS _____

I

SIGNIFICANT REVISION ISSUED THIS _____

DAY OF _____

, 2010

Ira Domsky, Acting Director, Air Quality Division

SIGNATURE

TITLE

**Technical Review and Evaluation for
Air Quality Significant Permit Revision #52476**

I. INTRODUCTION

Significant Permit Revision #52476 to Air Quality Operating Permit #42474 is to remove and modify the conditions in Operating Permit #42474 necessitated by the facility change without revision approved on February 23, 2010. The facility change is described in Condition II below. The Morenci mine is located on US Highway 191 in Morenci, Greenlee County, Arizona.

Company Information

Facility Name: Freeport- McMoRan Morenci, Inc. (FMMI)
Mailing Address: 4521 U.S. Highway 191, Morenci, Greenlee County, AZ 85540
Facility Address: 4521 U.S. Highway 191, Morenci, Greenlee County, AZ 85540.

II. PROCESS DESCRIPTION

Through facility change without revision, LTR #1, the particulate matter emission from transfer point Surge Pile/P2, associated with Pit #1, in the mine area controlled by a baghouse located below the surge pile in the tunnel was shifted from above ground to the vicinity of the Surge Pile/P2 transfer point inside the surge pile tunnel.

This significant revision is for the deletion of the following at FMMI:

- Voluntary emission limit for particulate matter and particulate matter below 10 micrometers at the Surge Pile/P2 transfer point;
- Compliance Assurance Monitoring requirement for Surge Pile/P2 transfer point;
- Performance Testing requirement for Surge Pile/P2 transfer point;
- Pollution control requirement for this emission point has been modified to require this emission point vents indoors; and
- Opacity monitoring requirement has been modified to reflect the fact that the referenced emission point (Surge pile/P2 transfer point) will not be subject to CAM requirements.

III. EMISSIONS

There is no change in emissions from the project.

IV. COMPLIANCE HISTORY

Inspections are being regularly conducted at FMMI to track compliance with applicable permit conditions. There are no air quality cases associated with this facility at this time.

V. MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

Compliance assurance monitoring (CAM) requirements for Surge Pile/P2 transfer point in the mine area (Process #001-012) has been deleted since this emission point, controlled by a baghouse, has been modified to vent into the surge pile tunnel. Opacity monitoring requirement has been modified to reflect the deletion of CAM requirement. There are no other changes to monitoring, reporting, or recordkeeping requirements.

VI. TESTING REQUIREMENTS

Testing of the emission point related to Surge Pile/P2 transfer point (Process #001-012) has been deleted from Operating Permit #42474 since this emission point vent into the surge pile tunnel. Therefore, the underlying emission limit and testing requirements for this emission point has been deleted from the operating permit.

Draft

SIGNIFICANT PERMIT REVISION DESCRIPTION

In February 2010, Freeport-McMoRan Morenci, Inc. (FMMI) notified ADEQ regarding a facility change without revision for redirecting the exhaust of surge pile/P2 fabric filter dust collector to the vicinity of the Surge Pile/P2 transfer point inside the surge pile tunnel. This significant permit revision (SPR) modifies the permit conditions of Operating Permit #42474 by removing the conditions that are no longer applicable. The following conditions shall be deleted from the Operating Permit #42474:

- Voluntary emission limitation for particulate matter and particulate matter below 10 micron size from the Surge Pile/P2 transfer point;
- Compliance Assurance Monitoring requirement for Surge Pile/P2 transfer point;
- Performance Testing requirement for Surge Pile/P2 transfer point; and
- Air Pollution control requirement for this emission point has been modified to ensure that this emission point vent into the surge pile tunnel.

ATTACHMENT "B"

Addenda (Significant Revision No. 52476) to Operating Permit No. 42474 for Freeport-McMoRan Morenci, Inc.

The following changes shall be made in Attachment "B" of the operating permit #42474:

II. REQUIREMENTS FOR THE TUNNEL

Condition II.D.1.b for voluntary limitation of particulate matter emission is hereby deleted from Operating Permit #42474.

Condition II.D.1.c shall be renumbered as Condition II.D.1.b.

Condition II.D.2.a of Operating Permit #42474 is amended to read as follows:

II.D.2.a *All times, including periods of startup, shutdown, and malfunction, the Permittee shall, to the extent practicable, maintain and operate the baghouse associated with the Surge Pile/P2 conveyor (process #001-012) in a manner consistent with good air pollution control practices for minimizing particulate matter emissions. This baghouse shall vent inside the surge pile tunnel.* [A.A.C. R 18-2-306.01.A & -331.A.3.e]

[Material permit conditions are indicated by underline and italics]

Condition II.D.3.b for Compliance Assurance Monitoring is hereby deleted from Operating Permit #42474.

Condition II.D.3.c shall be renumbered as Condition II.D.3.b and is amended to read as follows:

II.D.3.b The Permittee shall conduct the opacity monitoring requirements for all emission units as per Condition I.D. [A.A.C. R 18-2-306.01.A.3.c]

Condition II.D.4 for Performance Testing is hereby deleted from Operating Permit #42474.