



TRANSFORMING TOMORROW TOGETHER

Community Partnership Panel Meeting Notes

Miami Operations

March 4, 2020

Purpose

The [Community Partnership Panel](#) is hosted by Freeport-McMoRan to keep the community informed about operational activities and to foster open and ongoing dialogue to develop thoughtful solutions to address community issues.

Safety Share

The safety and health of all Freeport-McMoRan employees, along with our commitment to the environment, are of the highest priority. Our objective is zero workplace injuries and occupational illness.

Industry / Business Update

For the most recent company financial information, please visit: [Freeport-McMoRan Investor Center](#).

Provided a site update for Miami operations covering the following topics:

Safety and Environmental

- Safety: Total Recordable Incident Rate YTD = 1.2 (2020 Target = 2.33)
- Miami smelter's environmental performance for lower air emissions is among the leaders worldwide

Miami Smelter Horizon 2022 Initiative

- Success indicators:
 - 1 million tons per year smelted concentrates
 - 24 initiatives launched (teams, leaders, timing)
- International benchmarking initiatives in progress

HR Updates – Employment

As of December 31, Miami had approximately 800 employees; 400 contractors; and more than 100 new hires in 2019. New-hire utility employees receive approximately 140 hours of training.

Environmental Update – Acid Plant Preheater

Miami's acid plant preheater heats acid plant converter catalyst to efficiently produce sulfuric acid. A leak was discovered within the heat exchanger component of the unit and repairs were performed. After initial repairs, the leak reoccurred due to fatigue in the metal components. In response, the site voluntarily added emissions from preheater leak to the calculated value for and compared SO₂ permitted limit (142.45 lbs./h 30-day rolling average); notified ADEQ of

emissions in excess of the limit; and shut down the smelter and installed purge system on preheater to route the leak to acid plant scrubber.

The 30-day average emission has dropped well below limit since installing the new purge air system. Miami has modified the operating permit to include preheater stack to calculated emissions and compliance limit. The preheater is scheduled for replacement in 2021.

A community member asked how the community is notified if SO₂ concentrations are at unsafe levels. We explained that ADEQ monitors ambient SO₂ concentrations at two locations in the community and the agency sends alerts through a downloadable app titled "Air Arizona." We instructed those in attendance that the app is available for download at the ADEQ website <https://www.azdeq.gov/>.

Grievance Management System

Freeport-McMoRan has a process to receive, record and respond to local questions, comments and concerns. We encourage all stakeholders to reach out to us.

- **Talk** with your local Freeport-McMoRan or Community Development representative
- **Call** the Community Information and Grievance Line at 877-629-2609, 24 hours a day, 7 days a week (English or Spanish)
- **Email** communitydevelopment@fmi.com or via [FreeportInMyCommunity.com/contact](https://www.freeportinmycommunity.com/contact)
- **Send mail to** *Freeport-McMoRan Community Development – 333 N. Central Ave., Phoenix, AZ, 85004*

Miami operations has responded to two community grievances over the last quarter. Topics of concern included:

- Dust at the intersection of highway and access road to Patullo quarry
 - Project team took action to treat the area to minimize dust from haulage traffic.
- Neighbor observed hazy conditions at his home
 - Meteorological data indicated presence of inversion conditions
 - Brief periods of process emissions likely contributed to haze trapped in inversion layer
 - No exceedances of emission limits were observed

Community Development Update

Freeport-McMoRan has been named to the 2020 Just 100: [America's Best Corporate Citizens by Forbes!](#) Freeport-McMoRan is the industry leader in the *Basic Resources* sector, and is first overall in the *Community Treatment* category. This is the third consecutive year Freeport-McMoRan has made the list.

United Way: Freeport-McMoRan partners with the United Way through an employee campaign to raise funds for the United Way chapters located in our operating communities. North America employees pledged more than **\$7 million** during the 2019 campaign; and more than **\$11 million** when including the company match.

Miami operations is proud to partner with the United Fund of Globe-Miami, supporting organizations such as:

- Cobre Valley Youth Club and Copper Cities Youth Sports
- Bullion Plaza, Cobre Valley Center for the Arts, Gila Historical Museum

- Globe-Miami Food Bank and Project ACE

Our Commitment to Social Investing

- **STEM (Science, Technology, Engineering and Math) Innovation Grants** are designed to support K-12 teachers and schools in their efforts to develop, improve or expand innovative instructional programs
 - Application window: December 1 – February 15
 - Awards announced: April 1
- **Mini-Grants for Education** support K-12 teachers and schools in classroom projects related to environment, mining, natural resources, reading and literacy, and STEM.
 - Application window: May 1 – August 30
 - Awards Announced: November 1
- **Community Investment Fund** – engages community leaders in cultivating and assessing community projects that address identified community priorities (developed at Community Partnership Panels), and enables them to allocate funds to programs and projects that encourage local capacity-building, community development and sustainability.
 - Application window: January 15 – March 15
 - Application status notification: June 15

Miami operations was proud to partner on the following initiatives and projects in fourth quarter 2019:

- Gila County Fair – Junior 4H Livestock Auction
- Miami Unified School District – auditorium lighting
- San Carlos Apache Tribe – light towers for highway safety

The CPP meets on a quarterly basis – for more information please contact Robin Bradford at rbradfor@fmi.com