**WHERE ARE WASTEWATER TREATMENT PLANTS AND SEPTIC SYSTEMS LOCATED?**

There are currently two wastewater treatment plants at Freeport-McMoRan Morenci Inc. (Morenci). These plants include the Plant Site (Morenci Townsite) and Metcalf Mine Shops Wastewater Treatment Plants. In addition to these facilities Morenci receives effluent from the Clifton wastewater treatment plant via the Clifton effluent pump station. There are several septic systems in operation at Morenci in locations not serviced by the wastewater treatment plants.

**GENERAL GUIDELINES**

The operational efficiency and general condition of the Plant Site (Morenci Townsite) and Metcalf Mine Shops wastewater treatment plants and Clifton effluent pump station should be monitored on a daily basis by the Environmental Services and/or specified contractor. The Environmental Services Department will perform daily maintenance and repair of the facilities. The specified contractor will perform major maintenance and repairs on these facilities as needed to ensure optimum operating efficiency and to prevent the discharge of untreated wastewater. All personnel working within the fence line or treatment facility must complete proper inoculation for specific diseases that are a potential health risk prior to entry. The Environmental Services Department is to be notified of any conditions which could adversely affect the proper operation of these facilities and any modifications or major repairs needed.

The Engineering Department will notify the Environmental Services Department of any plans to install or modify wastewater treatment facilities or septic tanks such that adequate time is allowed for securing any necessary permits or approvals.

The Environmental Services Department will monitor Morenci's overall compliance with applicable wastewater treatment regulations by monitoring operations of the treatment plants and through periodic meetings with Pump/Field Repair group. The Environmental Services Department will manage and dispose of wastewater sludge.

**EMPLOYEE TRAINING**

All personnel shall receive training or at the least have access to this Best Management Practice (BMP), Standard Operation Procedures (SOP) and/or Operations and Maintenance Manuals (O&M) when operating, maintaining or otherwise impacting wastewater treatment plant or septic systems on Morenci property. Environmental Services will provide training to all necessary personnel.

The Supervisor and/or Department Environmental Representative will provide this BMP training to the workforce if applicable.

**QUESTIONS OR NEED HELP? CONTACT:**

**Maintenance Services Division Representatives**

**Plant Engineering Division Representative: Jose Martinez 865-6353**

**Enviro Representatives Phone Extensions: Sal Robles 865-7934**

**Harry Williams (operator) 215-5280**

**Enviro Representatives Cell Phones: Sal Robles 965-7296**

**Harry Williams (operator) 215-5280**

**Environmental Services Office: 865-6000**

**Record of Change Information**

This chart contains a history of this document’s revisions. Only major changes that constitutes a substantive change to the procedure or process will be recorded. Minor changes, such as administrative updates, generalization, clarification, grammar and spelling errors, or rearrangement or placement of information will not be recorded.

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| --- | --- | --- | --- |
| **Version Number** | **Version Date** | **Section or Table Number or Entire Document** | **Description of Change** |
| 001 | 12/07/2006 | Entire Document | Format change, footer added. |
| 002 | 01/18/2008 | Entire Document | PD logo replaced with FM logo. All PD language in document replaced with either "Freeport-McMoRan Copper & Gold Morenci Operations" or "Morenci". Questions section expanded to include contact names, phone & cell numbers. |
| 003 | 08/22/2012 | Entire Document | Update division name within the text & add Jose Martinez name & number to Plant Eng contact info. |
| 004 | 05/06/2013 | Entire Document | 2013 review, no changes. |
| 005 | 08/21/2014 | Contact Section | Updated contact information. |
| 006 | 10/23/2015 | Entire Document | "Sewage" replaced with "Wastewater" throughout document.  General Guidelines section - Paragraph1: removed "Maintenance Services Division" and replaced with "specified contractor".  Paragraph3: removed "coordinate the proper" in last sentence.  Employee Training section - added "Standard Operating Procedures (SOP) and/or Operation and Maintenance Manuals (O&M).  Questions section: add Manny Rodriguez contact information. |
| 007 | 10/27/2016 | Entire Document | 2016 review – no changes |
| 008 | 04/24/2017 | Entire Document | General Guidelines section - added "All personnel working within the fence line or treatment facility must complete proper inoculation for specific diseases that are a potential health risk prior to entry." Contact section - replaced Manny Rodriguez and Wes Word with Harry Williams. |
| 009 | 10/04/2017 | Contact Section | Replaced Brian Chronowski with Sal Robles. |