

NOTICE OF INTENT TO DISCHARGE FOR A TYPE 2 GENERAL PERMIT

1 Type 2 General Permit Notification (Check the Applicable Box)

- 2.01 Drywells that Drain Areas Where Hazardous Substances are Used, Stored, Loaded or Treated [A.A.C. R18-9-C301]
- 2.02 Intermediate Stockpiles at Mining Sites [A.A.C. R18-9-C302]
- 2.03 Hydrologic Tracer Studies [A.A.C. R18-9-C303]
- 2.04 Drywells that Drain Areas Where Motor Fuels are Used, Stored or Loaded [A.A.C. R18-9-C304]
- 2.05 Capacity, Management, Operation, and Maintenance of a Sewage Collection System
- 2.06 Fish Hatchery Discharge to a Perennial Surface Water

2 Applicant

Name Rosemont Copper Company Phone (303) 300-0134
 Address 4500 Cherry Creek South Drive, Suite 1040
 City Denver State CO Zip 80246

3 Contact Person for Facility Operations

Name Katherine (Kathy) Ann Arnold Phone 520-784-1972
 Address P.O. Box 35130
 City Tucson State AZ Zip 85740

4 Name of Owner/Operator responsible for ensuring compliance with this permit if different from No. 2 above

Name Same as No. 2 Phone _____
 Position _____
 Address _____
 City _____ State _____ Zip _____

5 Discharging Facility Identifying Name or Number [e.g.: Drywell 12; NW Corner Stockpile; Intermediate Stockpile "A"]:

Temporary ROM Stockpile (TRS)

6 Location

County Pima City Near Vail, AZ
 Latitude 31 ° 50 ' 24.66 " N Longitude 110 ° 44 ' 56.36 " W
 Legal description of area served by sewage collection system (Please reference the property deed. May be Township, Range, Section, parcel numbers; metes and bounds, etc. Attach a separate page if necessary).

7 Expected Dates of Discharge

Discharge begin (or expected to) 10/1/2011 Discharge ceased (or expected to) 12/31/2037

8 Existing Environmental Permits

List all types of state or federal environmental permits already held by the applicant or owner at this location or that are needed for the location: (Attach additional pages if necessary) See the attached Permits and Authorizations Table

9 Certification of Compliance (To be Completed by the Applicant)

I, Katherine Ann Arnold, certify that this document and all attachments were prepared under my direction or supervision and all information is, to the best of my knowledge, true, accurate and complete. I also certify that the facility described in this form is or will be constructed, designed, and operated in accordance with the provisions of Article 3 of the Aquifer Protection Permit rules as they pertain to this General Permit. I am aware that there are significant penalties for submitting false information, including permit revocation as well as the possibility of fine and imprisonment for knowing violations.

Signature _____

Date _____



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Water Permits Section

**NOI Supplement for Type 2.02 General Aquifer Protection Permit
for Intermediate Stockpiles at Mining Sites [A.A.C. R18-9-C302]**

This General Permit allows for intermediate stockpiles at a mining site not qualifying as inert under A.R.S. § 49-201(19).

Note: Please ensure that the narrative, design drawings, and any supplemental information provided is comprehensive and adequate to demonstrate conformance with A.A.C. R18-9-C302.

1. Provide a narrative description of the stockpile addressed under this permit. Specify the expected dates of operation, rate, and volume of the material to be stockpiled. Include the nature of material, proposed location, size of footprint, maximum height and overall slope angle of the intermediate stockpile. (Attach additional pages as necessary.)

See Attached Technical Memorandum titled: Rosemont Copper Project Temporary ROM Stockpile - NOI Info.

2. Have you attached the **construction and operation specifications** to demonstrate:
- a. The stockpile is designed, constructed and operated not to impound water " yes
 - b. Inspections will be performed at least quarterly to ensure the design and performance, with any necessary repairs to be made as soon as possible " yes
 - c. All stormwater runoff contacting the pile will be directed to a mine pit or other facility permitted under the aquifer protection program " yes
 - d. All engineered features designed to aid compliance with this permit will be adequately maintained " yes
 - e. No hazardous substances will be added to the stockpile " yes



Tucson Office
3031 West Ina Road
Tucson, AZ 85741
Tel 520.297.7723 Fax 520.297.7724
www.tetrattech.com

Technical Memorandum

To:	Kathy Arnold	From:	Mike Thornbrue
Company:	Rosemont Copper Company	Date:	April 19, 2011
Re:	Rosemont Copper Project Temporary ROM Stockpile NOI Info.	Doc #:	095/11-320877-5.3
CC:	Paul Ridlen, P.E. (Tetra Tech); David Krizek, P.E. (Rosemont Copper Company); and Karen Schwab (Kimberlite)		

This Technical Memorandum provides the required information for the Arizona Department of Environmental Quality (ADEQ) Notice of Intent (NOI) Supplement for Type 2.02 General Aquifer Protection Permit (APP) for Intermediate Stockpiles at Mining Sites [Arizona Administrative Code (A.A.C) R18-9-C302].

The information provided herein supersedes any contradictory information provided in the Rosemont Copper Company (Rosemont) APP application (Tetra Tech, 2009).

A list of the environmental permits that Rosemont currently holds or intends to acquire for the Rosemont Copper Project (Project) is provided in Attachment 1.

Rosemont intends to construct a stockpile between the Open Pit and the Primary Crusher, as shown on Figure 1, to temporarily store Run-of-Mine (ROM) sulfide ore as part of the Project.

1.0 General Description

The Temporary ROM Stockpile (TRS) will be located along the edge of the Open Pit or near the point of material generation. Stockpiling of ROM ore will be based on operational considerations and will be located near the Primary Crusher as shown Figure 1. If ore cannot be immediately crushed because the Primary Crusher has not been constructed or is not operating, the ROM ore would be stockpiled.

2.0 Dates of Operation

The TRS is anticipated to begin operation in October 2011 with the start of mining operations.

The TRS will be closed at the time of area-wide closure of the Project currently planned for December 31, 2037. The TRS will be closed in accordance with A.A.C. R18-9-C302(D)(2).



3.0 Stockpile Size

The TRS may have a minimum estimated volume of one (1) million cubic yards or 1.5 million tons of material during operation. The stockpile, shown on Figure 1, has a total area of about 375,000 square-feet (sf) and is about 100 feet tall. The footprint indicated on Figure 1 is the minimum footprint of the TRS.

During the construction of the sulfide ore processing circuit, up to four (4) million tons of ROM ore may be stockpiled at the TRS. This would increase the footprint to about 1.4 million sf while maintaining a height of 100 feet. The TRS will be expanded/constructed as needed within this approximate range.

Material may be added to and/or withdrawn from the TRS at a minimum estimated rate of 75,000 to 110,000 tons per day depending on mining conditions.

4.0 Construction and Operation Specifications

In accordance with the requirements of A.A.C. R18-9-C302(C), the TRS has been designed not to impound water. The base of the stockpile will be graded such that water will report to a collection point and routed to either the Open Pit or to a local intermediate stormwater pond depending on the Open Pit development status. Additionally, the TRS has been located in an area that minimizes the need for stormwater run-on controls.

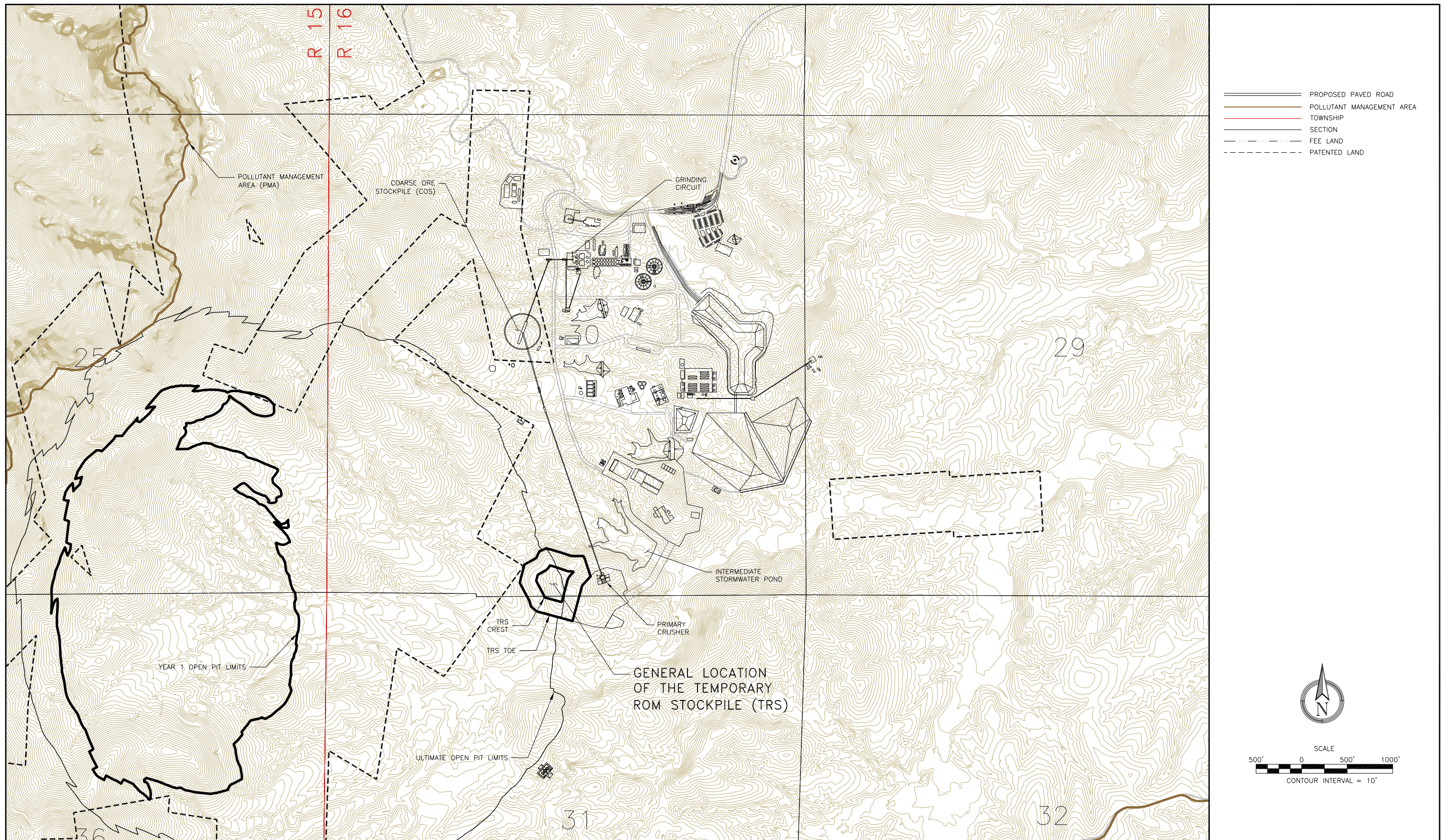
The TRS will not have any engineered features other than stormwater controls. The facility will be inspected at least quarterly to identify and repair damage to the stormwater control features as soon as practical to maintain the stockpile in good working order.

Rosemont does not intend to add any potentially hazardous substances to the TRS. There will be no leaching or chemical alteration of the ROM ore while it is held in the TRS.

REFERENCES

Tetra Tech (2009). *Aquifer Protection Permit Application*. Prepared for Rosemont Copper Company. Report Dated February 2009.

FIGURE



APRIL 2011



FIGURE 1
INTERMEDIATE STOCKPILE LOCATIONS - TEMPORARY ROM STOCKPILE (TRS)
ROSEMONT COPPER PROJECT

ATTACHMENT 1
PERMITS AND AUTHORIZATIONS TABLE