

APPENDIX A.1
APP APPLICATION FORM

INSTRUCTIONS

This application is for an Individual Aquifer Protection Permit (APP) including an area-wide APP and Temporary APP, and for a Significant Amendment, Minor Amendment, or an Other Amendment to an Individual APP.

ADEQ recommends scheduling a pre-application meeting to go over the various details of the program and the requirements for a complete application. See “Fee” section below for information on cost associated with the meeting.

During the application process, you are encouraged to communicate with the ADEQ project team to resolve any issues that may arise during the process.

This document is divided into three main parts.

- 1) Instructions (Pages 1 - 4) - The instructions are intended to give you basic information regarding the application process, the permitting fee, definitions, how long the process may take, where to submit the application and how to withdraw an application. More detailed information can be obtained by referencing the specific rule citation listed with each application item. **Please do not submit the instructions with your application.**
- 2) Application - General Information (Pages 5 – 9) – This section includes basic Applicant and facility information; enter the information into the fillable form and indicate where any additional information is provided, if applicable.
- 3) Application - Technical Information (Pages 10 – 14) – This section requires information regarding the facility and specific ways the aquifer will be protected. Many of the items in this section are to be attached to the APP application as attachments or appendices. **ADEQ requests that you organize all the items and attachments using a Table of Contents that references the application form item number and the page number(s) where each item/attachment is located.**

Professional Document Requirements

Please note that, except as exempted by A.R.S. § 32-144.A.7 (employees of mining companies), professional documents, such as reports, plans and specifications, are to be signed by an Arizona registered engineer or geologist (A.R.S. § 32-125). Cost estimates prepared by an engineer, design documents and engineering analysis must be signed and sealed by an Arizona Registered Professional Engineer, and must not include labels such as “Draft”, “Preliminary”, or “Not for Construction” per A.R.S. § 32-101(B)(10 and 11) and 32-125.

Prohibited Agency Actions A.R.S. § 41-1030:

- i. An Agency shall not base a licensing decision in whole or in part on a licensing requirement or condition that is not specifically authorized by statute, rule or state tribal gaming compact. A general grant of authority in statute does not constitute a basis for imposing a licensing requirement or condition unless a rule is made pursuant to that general grant of authority that specifically authorizes the requirement or condition.
- ii. This section may be enforced in a private civil action and relief may be awarded against the state. The court may award reasonable attorney fees, damages and all fees associated with the license application to a party that prevails in an action against the state for a violation of this section.
- iii. A state employee may not intentionally or knowingly violate this section. A violation of this section is cause for disciplinary action or dismissal pursuant to the agency's adopted personnel policy.
- iv. This section does not abrogate the immunity provided by section 12-820.01 or 12-820.02.

Process

Optional: Applicant is encouraged to meet with an ADEQ project team for a pre-application meeting to discuss the project and the requirements for a complete application. This is an optional step, but is **highly recommended**. Request a pre-application meeting by completing the Request Form available at http://static.azdeq.gov/forms/app_preapmtg.pdf and submitting the form at groundwaterpermits@azdeq.gov. If you have questions, call the permit line at 602-771-4999.

- 1) Applicant submits the application as follows:
 - a. Please submit **only an electronic copy** of the application form and all attachments via email. If the application size is large, please upload the application to a file sharing site so that ADEQ can download the application. Contact the ADEQ Project Manager if you would like to obtain a ShareFile link for this purpose.
 - b. Please provide a cover letter that provides a general overview of the project including a brief description of the business or activity, a list of discharging facilities, and a description of any treatment and/or disposal related to the discharging facilities. In the case of an amendment to an existing permit, please also provide a description of the amendment.
 - c. **Please complete all items on the application form. If an item is not applicable write “NA” and provide rationale for why the item is not required. A pre-application meeting is recommended to discuss what will be required for a complete application (see “Optional” process step above).** Failure to complete all items will result in an application that is administratively incomplete (see Step 2 below).
 - d. Please include a Table of Contents for the Technical Information that references the application form item number, and lists Tables, Figures, Drawings, and Appendices.
 - e. Please include Labels/Tabs in the bound application copies that correspond to the application form item number and the Table of Contents.
- 2) ADEQ reviews the application for Administrative Completeness (A.A.C. R18-1-503), and either:
 - a. Issues a letter indicating the application is Administratively Complete and begins Substantive Review, or
 - b. Issues a letter listing required additional information for the application to be determined administratively complete. The Applicant must provide all items on the application form. If an item is not applicable, adequate rationale must be provided. In response to an ADEQ letter requesting additional information,

- i. Applicant provides additional information, or
 - ii. Applicant relies on information already provided. ADEQ may elect to initiate the permit denial process.
- 3) ADEQ conducts the Substantive Review (A.A.C. R18-1-504) of the application for technical content and to ensure that your application contains all required technical information necessary to issue a permit to you.
 - a. If the application meets requirements, ADEQ begins drafting the permit.
 - b. If additional information is needed, ADEQ sends a letter requesting the information. In response,
 - i. Applicant provides requested information and ADEQ continues/completes the Substantive Review, or
 - ii. Applicant relies on information already provided. ADEQ may elect to initiate the permit denial process.

Optional: Applicant is encouraged to participate in meetings or conference calls with the ADEQ project team to resolve any issues that may arise during the Substantive Review. This is optional, but highly recommended.

- 4) ADEQ initiates Internal/External review of the draft permit and executive summary.
- 5) ADEQ publishes notice of the 30-day public participation period, only for a new permit or significant amendment. Other amendments do not have a 30-day public participation period.
- 6) ADEQ holds a Public hearing, if needed, only for a new permit or significant amendment. ADEQ responds inwriting to all comments received during the comment period.
- 7) ADEQ sends a Decision to Grant the permit.
- 8) ADEQ sends the final bill to the Applicant.
- 9) Applicant pays the bill.
- 10) ADEQ issues and mails the permit.

Fees (A.A.C. R18-14-101 et. seq.)

The permit team assigned to your project will bill at a rate of \$122.00 per hour up to a maximum fee of \$200,000 for a new permit. Maximum fee amounts for permit amendments are provided in the fee rule at A.A.C. R18-14-102.

ADEQ recommends scheduling a pre-application meeting to go over the various details of the program and the requirements for a complete application. The first hour of the pre-application meeting is free for the project manager's time. The other members of the project team (engineer, hydrogeologist, and financial reviewer), will bill for the pre- application meeting time.

ADEQ will provide monthly invoices for the interim permit fees. If full payment is not received within the prescribed timeframe on the invoice, ADEQ will consider the nonpayment as "willful neglect" pursuant to A.R.S. § 49-113(B). As provided by A.R.S. § 49-113(B), ADEQ will, in addition to any applicable interest rate, collect an additional five percent penalty of up to twenty five percent of the amount due for each month or fraction of a month the amount is past due.

ADEQ may also refer this matter to the Office of the Attorney General for appropriate legal action. ADEQ will also cease work on your application and initiate a denial of the pending application at that time.

Definitions

The statutes (A.R.S. 49-201) and rules (A.A.C. R18-9-101) provide the majority of definitions for terms used in the aquifer protection program. The list below is provided for convenience and to clarify terms used in this application form that are not defined elsewhere. Additional statutory and regulatory definitions/requirements are available here: <https://www.azleg.gov/ARStitle/> and <https://azsos.gov/>

Applicant/Permittee: The *person* (see definition of person below) who is applying for the permit is the Applicant; this is the same *person* who will become the Permittee once the permit is issued and **will be responsible** for compliance with the terms and conditions of the permit, rules and statutes, and all financial assurance requirements, monitoring, reporting and contingency requirements, corrective actions and compliance actions as a result of permit violations.

Typically, the company or government entity is the Applicant/Permittee, and will designate an authorized person to sign the certification statement on the application.

NOTE: The Applicant must be an entity authorized to do business in the State of Arizona. The permit must be issued to either a (1) Corporation (2) Limited Liability Company (3) Partnership [includes Limited Liability Partnership or Limited Liability Limited Partnership] or (4) an Individual or Sole Proprietorship authorized to do business in Arizona. The Applicant should confirm their status as follows prior to submitting an application: Arizona Corporation Commission (for corporations and limited liability companies); Secretary of State (for partnerships, limited partnerships, limited liability partnerships, and limited liability limited partnerships); Requirements in Arizona Revised Statutes Title 41, Chapter 6 Administrative Procedure, Article 7.2 - Licensing Eligibility concerning citizenship and residency (for individuals).

Authorized Agent: The licensing time frame rule provides the option for the Applicant's agent, authorized by the Applicant, to receive all notices issued by the Department under Article 5, Title 18, Chapter 1(A.A.C. R18-1-503(A)(3)).

Discharging facilities: Defined in A.R.S. §49-241 as: surface impoundments, including holding, storage, settling, treatment or disposal pits, ponds and lagoons; solid waste disposal facilities, injection wells; land treatment facilities; facilities that add a pollutant to a salt dome formation, salt bed formation, drywell or underground cave or mine; mine tailings piles and ponds; mine leaching operations; underground water storage facilities; sewage treatment facilities including on-site waste water treatment facilities; wetlands designed and constructed to treat municipal and domestic wastewater for underground storage.

Discharge: Defined in A.R.S. §49-201(12): the direct or indirect addition of any pollutant to the waters of the state from a facility. For purposes of the aquifer protection permit program prescribed by article 3 of this chapter, discharge means the addition of a pollutant from a facility either directly to an aquifer or to the land surface or the vadose zone in such a manner that there is a reasonable probability that the pollutant will reach an aquifer.

Person: Defined in A.A.C. R18-9-A101(29): "Person" means an individual, employee, officer, managing body, trust, firm, joint stock company, consortium, public or private corporation, including a government corporation, partnership, association or state, a political subdivision of this state, a commission, the United States government or any federal facility, interstate body or other entity.
A.R.S. § 49-201(26). For the purposes of permitting a sewage treatment facility under Article 2 of this Chapter, person does not include a homeowner's association.

Licensing Timeframes

Licensing Time Frames (LTF) are specified by Arizona Department of Environmental Quality in A.A.C. R18-1-525, which limits the number of **business days** ADEQ can review your project without a penalty. LTF for an individual permit automatically defaults to an “Individual Permit (no public hearing)”. Likewise, the LTF for a significant amendment automatically defaults to an “Individual Permit Significant Amendment (no public hearing)”. ADEQ may reassign the license time if a public hearing is required or if the application is deemed “complex” in accordance with A.A.C. R18-1- 501(9).

License Type	Administrative Completeness Review (business days)	Substantive Review (business days)	Overall Time Frame(business days)
Individual Permit (no public hearing)	35	186	221
Individual Permit (with public hearing)	35	231	266
Complex Individual Permit (no public hearing)	35	249	284
Complex Individual Permit (with public hearing)	35	294	329
Individual Permit Significant Amendment (no public hearing)	35	186	221
Individual Permit Significant Amendment (with public hearing)	35	294	329
Individual Permit Other Amendment	35	100	135

Where to Submit the Application

Please submit the application electronically directly to the ADEQ Project Manager if you had a pre-application meeting else send it to groundwaterpermits@azdeq.gov.

Withdrawing your Application

The Applicant may withdraw an application at any time during the application process in accordance with A.A.C. R18-1-517. You may withdraw your application by submitting a written request to the reviewer assigned to your project. Withdrawing your application causes the LTF to cease. A final bill will be assessed at the time of withdrawal.

GENERAL INFORMATION

1. Application to obtain [A.R.S. 49-241]:

New APP _____

Amendment to a current APP Inventory No. _____ LTF No. _____

Amendment Type: Significant Other Minor

Description of all amendment requests and justification for the amendment type included in Report Section/Appendix _____

A copy of the current permit, annotated with any inconsistencies between the permit requirements and the existing facilities or operation, included in Report Section/Appendix _____

NOTE: ADEQ can provide the permit in WORD file format upon request.

2. Applicant/Permittee Name [A.A.C. R18-1-503(1)] (see Definitions):

Company/Government/Entity Name: (RESPONSIBLE FOR ALL PERMIT CONDITIONS)

Rosemont Copper Company

3. Applicant/Permittee - Certification Statement [A.A.C. R18-9-A201(B)(7)]:

I certify under penalty of law that this Aquifer Protection Permit application and all attachments were prepared under my direction or authorization and all information is, to the best of my knowledge, true, accurate and complete. I also certify that the APP discharging facilities described in this form is or will be designed, constructed, operated, and/or closed in accordance with the terms and conditions the Aquifer Protection Permit and applicable requirements of Arizona Revised Statutes Title 49, Chapter 2, and Arizona Administrative Code Title 18, Chapter 9 regarding aquifer protection permits. 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.

Authorized person signature:

Name: Javier Del Rio

Title: Vice President

Signature  _____
Javier Del Rio (Sep 21, 2022 15:46 MDT)

Date: 09/21/2022

4. Applicant/Permittee Address

Mailing Address: 5255 East Williams Circle, Suite 1065 Tucson, Arizona 85711

Billing Address: 5255 East Williams Circle, Suite 1065 Tucson, Arizona 85711

Email Address: javier.delrio@hudbayminerals.com

Phone Number: (520) 495-3500

5. Authorized Agent [A.A.C. R18-1-503(3)] (Optional, see Definitions):

Name: David Krizek
Firm Name: Rosemont Copper Company
Mailing Address: 5255 East Williams Circle, Suite 1065 Tucson, Arizona 85711
Email Address: 5255 East Williams Circle, Suite 1065 Tucson, Arizona 85711
Phone Number: (520) 495-3500

6. Facility Information [A.A.C. R18-1-503(2), A.A.C. R18-9-201(B)(1)]

Name: Copper World Project
Address: 9025 East Santa Rita Road Sahuarita, Arizona 85629
County: Pima
Latitude: 31° 51 ' 00 " Longitude: 110° 46 ' 00 "

Coordinate System used for Latitude and Longitude: NAD27 NAD83

Township 18S Range 15E Sections: 10,13,14,15,22,23,24, 25, 27, 36
18S 16E 19, 30,31

Driving directions from a major intersection: Sahuarita Rd and I-10, drive east approximately 3 miles and turn left/ south onto Santa Rita Rd and continue for about 11.5 miles.

7. Facility Notices of Violation, Consent Orders or Compliance Orders in the last 2 years [A.A.C. R18-9-A202(A)(11), included in Report Section/Appendix N/A

8. Facility Owner

Company/Government/Entity Name: Rosemont Copper Company
Contact Person Name: David Krizek
Mailing Address: 5255 East Williams Circle, Suite 1065 Tucson, Arizona 85711
Email Address: david.krizek@hudbayminerals.com
Phone Number: (520) 495-3527

9. Contact Person for Facility Emergencies [A.A.C. R18-9-A202(A)(11)]

Name: David Krizek Title: Environmental Manager
Mailing Address: 5255 East Williams Circle, Suite 1065 Tucson, Arizona 85711
Email Address: david.krizek@hudbayminerals.com
Phone Numbers landline: (520) 495-3527 mobile phone: (520) 260-3490

10. Contact Person(s) for Permit Compliance Schedule Items Notifications (Optional)

ADEQ has developed a tool to track compliance schedule items (CSIs) 30 and 5 days before they are due, and 5 days after they become overdue. The person(s) identified, will receive email notifications in addition to the Applicant/Permittee.

Name(s): Javier Del Rio

Email Address(es): javier.delrio@hudbayminerals.com

11. Landowner

Company/Government/Entity Name: Rosemont Copper Company

Contact Person Name: Javier Del Rio

Mailing Address: 5255 East Williams Circle, Suite 1065 Tucson, Arizona 85711

Email Address: javier.delrio@hudbayminerals.com

Phone Number: (520) 495-3500

12. Expected operational life of the Facility [A.A.C. R18-9-A201(B)(1)]

The operational life of the facility is 15 years

13. Facility discharge or influent per day in gallons [A.A.C. R18-14-104, A.R.S. 49-242]: >10,000_(gallons)

14. All other federal or state environmental permits issued to the Applicant for the Facility or site, including type and identification number [A.A.C. R18-9-A201(B)(1)], included in Report Section/Appendix: Section 2.5

15. Are you required to file a certificate of disclosure according to A.R.S. 49-109?

Yes, attached in Report Section/Appendix: _____

No, not required

16. Evidence that the facility complies with applicable municipal or county zoning ordinances, codes and regulations [A.A.C. R18-9-A201(B)(3)], included in Report Section/Appendix: Section 2.7

17. Evidence of technical capability to carry out the terms of the permit (design, construction, and operation) including licenses, certifications, training, and work experience [A.A.C. R18-9-A202(B)] Attached in Report Section/Appendix: Section 18.0 / Appendix O

Cost Estimates and Financial Assurance Demonstration [A.A.C. R18-9-A201(B)(5) and R18-9-A203]

1) A new permit? YES NO

2) Significant Amendment? YES NO

NOTE: Updated cost estimates may be required for a significant amendment as defined by rule if required to address incremental changes in the cost estimate that result from the significant amendment, A.R.S. § 49-243(N)(2)(b).

3) Other Amendment for permit transfer? YES NO

4) Cost Estimate/Financial Demonstration update? YES NO

5) Estimate/Financial Demonstration at the direction of ADEQ? YES NO

6) A permit that has not been amended in the last five years? YES NO

If you answered “YES” to ANY of the above questions, provide updated cost estimates and a financial assurance demonstration. If you answered “NO” to ALL of the above questions, skip this section and continue to the “Technical Information” Section.

18. Cost Estimates provided in Report Section/Appendix Section 17.0 / Appendix N

Closure costs and a financial demonstration are required even if the Applicant does not intend to close the facility in the near future. The closure and post-closure cost estimates must be based on the closure and post-closure plan/strategy (required by Application Item 32, below). Please see checklists for closure plans/strategies and cost estimate on the ADEQ website: <http://www.azdeq.gov/node/542>

NOTE: Cost estimates must be derived by an engineer, controller or accountant. Except as exempted by A.R.S. § 32-144.A.7 (employees of mining companies), professional documents, such as reports, plans and specifications, are to be signed by an Arizona registered engineer or geologist (A.R.S. § 32-125). Cost estimates prepared by an engineer, design documents and engineering analysis must be signed and sealed by an Arizona Registered Professional Engineer, and must not include labels such as “Draft”, “Preliminary”, or “Not for Construction” per A.R.S. § 32-101(B)(10 and 11) and 32-125.

Provide the cost estimates in the spaces provided below and attach supporting documentation for the cost estimates.

- a. Construction \$ 1,917,000,000
- b. Operation \$/ton material mined/processed (mining, 1.42; processing, 5.57; onsite G&A, 0.89)
- c. Maintenance \$ 531,000,000
- d. Closure \$ 39,400,000
- e. Post-Closure \$ 52,300,000

19. Financial Assurance Demonstration for either (a) non-government or (b) government:

Indicate which financial assurance demonstration will be provided to cover the cost of Closure and Post-closure. It is preferable to wait for ADEQ to review and approve the cost estimates prior to submitting the finalized financial demonstration required by Item 19; simply indicating the type of demonstration is adequate for submittal of the application. Please see the ADEQ website for financial assurance mechanism templates and instructions at <http://azdeq.gov/financial-responsibility-options-apps>

Provide information based on whether the Applicant/Permittee is a non-government or government entity:

- a. A non-government entity:
 - i. Financial Assurance Mechanism selected TBD
 - ii. Details of any financial mechanism held by another government agency for the purpose of closure and post-closure activities described in the closure plan/strategy, provided in Report Section/Appendix: N/A
 - iii. A letter on Company letterhead signed by the Chief Financial Officer, as required by A.A.C. R18-9-A203, is attached in Report Section/Appendix Section 19.2 / Appendix P.1
- b. A government entity:
 - i. A statement that indicates how the entity is capable of meeting the costs listed in the Cost Estimate section above is included in Report Section/Appendix Section 19.2 / Appendix P.1

APPLICATION TECHNICAL INFORMATION

20. Facility description, including the following information, is provided

in Report Section/Appendix: Sections 2.4 and 4.0 / Appendix D

- a. A general description of what the facility does.
- b. When operations began or are estimated to begin.
- c. A general description of the facility process as it relates to the discharge, including:
 - i. Operating, proposed and closed discharging facilities, or activities that discharge,
 - ii. source(s) of wastewaters/waste, and
 - iii. facility or location where the wastewater/waste is discharged.

NOTE: see the Definitions section for “discharging facility” and “discharge”

21. Process flow diagram that shows the activity producing the discharge (e.g. wastewater treatment, cooling, manufacturing), including the pertinent elements that affect the quality of the discharge, is included as Report Section/Appendix: Section 4.0 / Appendix G

22. List the discharging facilities and activities that discharge in the table below. Indicate whether they are currently operating/existing, are proposed as new, or are to be closed as part of this permit application, and provide their location [A.R.S. 49-241]. Additional facilities listed in Report Section/Appendix: Section 4.0 / Appendix D

Facility or Activity Name (e.g. Evaporation Pond 1)	Existing, Proposed or to be closed	Latitude			Longitude		
		°	'	"	°	'	"
Tailings Storage Facilities – TSF-1	Proposed	31°	52'	39"	110°	48'	09"
Tailings Storage Facilities – TSF-2	Proposed	31°	50'	56"	110°	47'	21"
Primary Settling Pond	Proposed	31°	51'	25"	110°	48'	06"
Heap Leach Pad	Proposed	31°	50'	55"	110°	47'	56"
PLS Pond	Proposed	31°	50'	58"	110°	48'	21"
HLF North Stormwater Pond	Proposed	31°	51'	03"	110°	48'	21"
HLF South Stormwater Pond	Proposed	31°	50'	53"	110°	48'	21"
Raffinate Pond	Proposed	31°	51'	17"	110°	48'	02"
Reclaim Pond	Proposed	31°	51'	17"	110°	47'	58"
Process Area Stormwater Pond	Proposed	31°	51'	20"	110°	47'	59"
Waste Rock Facility	Proposed	31°	51'	38"	110°	46'	08"
Peach Pit	Proposed	31°	51'	46"	110°	47'	37"
Elgin Pit	Proposed	31°	51'	37"	110°	47'	19"
Heavy Weight Pit	Proposed	31°	51'	42"	110°	46'	41"
Copper World Pit	Proposed	31°	51'	36"	110°	46'	00"
Broadtop Butte Pit	Proposed	31°	51'	04"	110°	45'	33"

23. Map(s) [A.A.C. R18-9-A202(A)(1)], included in Report Section/Appendix: Section 1.0 / Figures

Include the following:

- 1) North arrow
- 2) Scale
- 3) Topography with sufficient resolution and legible elevations of contours for the facility

- 4) Facility location
- 5) Property line(s) and use of adjacent property
- 6) Overlay of State or Federal land
- 7) All known water wells within 1/2 mile of property boundary
- 8) Labeled with ADWR Well Number, latitude and longitude
- 9) Provide the uses and well construction details of the water wells, if known, water level elevations in the wells, and highlight/identify the nearest downgradient well. Tabulation of this data to prevent excessive labeling on the site plan itself is preferred.)

24. Site Plan [A.A.C. R18-9-A202(A)(2), (4) and (8), A.R.S. 49-244], included in Report Section/Appendix Section 4.0 / Figures

Include the following:

- 1) North arrow
- 2) Scale
- 3) Property lines
- 4) Structures
- 5) Water wells
- 6) Injection Wells
- 7) Drywells and their uses
- 8) Topography
- 9) All known borings
- 10) 100-year floodplain (FEMA Flood Insurance Rate Map (FIRM) 100-year showing floodplain boundary preferred)
- 11) Surface water bodies
- 12) Surface water flow direction(s)
- 13) Groundwater flow direction(s)
- 14) Pollutant Management Area (PMA)
NOTE: In cases where the site is very large, there are multiple PMAs or there is an excessive amount of information that would make the site plan indecipherable, it may be clearer to provide site plans for discrete areas or provide a separate site plan with the PMA, DIA and POC wells.
- 15) Discharge Impact Area (DIA).

Also, include the following with the latitude and longitude:

- 1) Discharging facilities/discharge locations and existing and proposed Point of Compliance (POC) locations and/or wells
- 2) Tabulation of this data to prevent excessive labeling on the site plan itself is preferred.
 - a. **For open pit mine facilities**, show the delineation of the passive containment capture zone (PCCZ) and the open pit boundary, if relying on this for BADCT.
 - b. **For Sewage Treatment Facilities** include effluent sampling and effluent discharge location(s) with latitude and longitude, and setback distance(s) measured from the treatment and disposal components within the sewage treatment facility to the nearest property line of an adjacent dwelling, workplace, or private property.

- Is this application for a Sewage Treatment Facility (STF)? YES NO
- If you answered “YES” to the question above, skip items #25 through 27, and proceed to item #28.

25. Characterization of discharge [A.A.C. R18-9-A202(A)(4)], included in Report Section/Appendix: Section 9.0 / Appendix H

For all non-STF facilities: provide characterization of discharge to include a summary of known past and proposed facility discharge activities. Provide estimated discharge characteristics or results of actual discharge characterization, and quantities/flow rate. Tabulated data is preferred with laboratory results included as an appendix.

Professional Document Requirements

Please note that, except as exempted by A.R.S. § 32-144.A.7 (employees of mining companies), professional documents, such as reports, plans and specifications, are to be signed by an Arizona registered engineer or geologist (A.R.S. § 32-125). Cost estimates prepared by an engineer, design documents and engineering analysis must be signed and sealed by an Arizona Registered Professional Engineer, and must not include labels such as “Draft”, “Preliminary”, or “Not for Construction” per A.R.S. § 32-101(B)(10 and 11) and 32-125.

The following application sections are typically considered professional documents: Application Items 26 through 32 (Design Documents, BADCT Description, Hydrogeologic Study, Demonstration of Compliance with AWQS at POC, Monitoring Proposal, Contingency Plan, and Closure/Post-closure Plan/Strategy) and Item 35, 36 and 39 for Sewage Treatment Facilities (Design Report, Engineering Plans and Specifications, and Sludge Treatment facilities).

26. Design Documents [A.A.C. R18-9-A202(A)(3)], included in Report Section/Appendix: Section 10.0 / Appendix I

For all non-STF facilities: provide facility design documents, proposed or as-built, indicating the configuration or other engineered elements of the facility affecting discharge. Drawings must be legible with readable font sizes and include sufficient detail to indicate the key design features. When formal as-built plans are not available, provide documentation sufficient to allow evaluation of those elements of the facility affecting discharge, following the demonstration requirements of A.R.S. 49-243(B). Provide construction specifications and a quality control/quality assurance plan for new facilities.

27. Best Available Demonstrated Control Technology “BADCT” Description⁵ [A.A.C. R18-9-A202(A)(5)], included in Report Section/Appendix: Section 10.0 / Appendix I

For all non-STF facilities: provide design information pertaining to all discharging facilities including all calculations/analyses to demonstrate that all facilities are designed per BADCT guidance or rule.

Examples include: facility sizing, stability analyses, water balance, freeboard calculations, liner leakage rate calculations

For further specifics, please see the Mining and Industrial APP Engineering Substantive Checklist on the ADEQ website: <http://www.azdeq.gov/node/542>.

28. Hydrogeologic Study or justification that a limited study or no study is required [A.A.C. R18-9-A202(A)(8)], included in Report Section/Appendix: Section 7.0 / Appendix F

For further specifics, please see the Hydrology Substantive Review Checklist on the ADEQ website: <http://www.azdeq.gov/node/542>.

29. Demonstration of Compliance with AWQS at POCs [A.A.C. R18-9-A202(A)(6)], included in Report Section/Appendix: Section 12.0 / Appendix F

For further specifics, please see the Hydrology Substantive Review Checklist on the ADEQ website: <http://www.azdeq.gov/node/542>.

30. Monitoring Proposal [A.A.C. R18-9-A202(A)(9)], included in Report Section/Appendix: Sections 14.0 and 20.0 / Appendix K

A detailed proposal indicating the alert levels, discharge limitations, monitoring requirements, compliance schedules, and temporary cessation or plans that the Applicant will use to satisfy the requirements of A.R.S. Title 49, Chapter 2, Article 3 and Articles 1 and 2 of Chapter 9. Include as applicable, discharge and groundwater monitoring and operational/inspections. Indicate sampling point(s) with latitude and longitude (e.g. effluent, discharge, groundwater monitoring or other sampling points)

31. Current Contingency Plan [A.A.C. R18-9-A202(A)(7) and R18-9-A204], included in Report Section/Appendix: Section 13.0 / N/A

32. Closure and Post-closure Plan/Strategy [A.A.C. R18-9-A202(A)(10)], included in Report Section/Appendix: Section 16.0 / Appendix M

For further specifics, please see the Closure and Post-closure Plan/Strategy and Cost Estimate Checklist on the ADEQ website <http://www.azdeq.gov/node/542>

Sewage Treatment Facility Applications ONLY (Items 33 through 39)

33. For Sewage Treatment Facilities (STFs), indicate the effluent disposal method(s) to be utilized and the disposal capacity for each method [A.A.C. R18-9-B202]:

Disposal Method	Flow capacity (gal/day)
<input type="checkbox"/> Beneficial reuse under a Recycled Water Permit	
<input type="checkbox"/> Surface impoundment primarily for evaporation	
<input type="checkbox"/> Surface impoundment primarily for recharge to groundwater	
<input type="checkbox"/> Discharge to a Water of the U.S. under a Clean Water Act Permit (NPDES/AZPDES)	
<input type="checkbox"/> Vadose zone injection wells	
<input type="checkbox"/> Injection wells directly into groundwater	
<input type="checkbox"/> Land application for disposal; not reuse	
<input type="checkbox"/> Other, describe: _____	

34. Documentation that the Sewage Treatment Facility is in conformance with the Area-wide 208 Quality Management Plan for Sewage Treatment Facilities [A.A.C. R18-9-A201(B)(6)].
Included in Report Section/Appendix: N/A

For further information on the 208 requirements, please see the ADEQ website <http://www.azdeq.gov/208-review>

35. Sewage Treatment Facility Design Report [A.A.C. R18-9-B202], attached
in Report Section/Appendix: N/A

Include information pertaining to all discharging facilities including all calculations/analysis to demonstrate that all facilities are designed per BADCT treatment performance requirements in rule. In addition, include facility sizing, stability analyses, water balance, freeboard calculations, and liner leakage rate calculations.

An Arizona registered engineer shall seal the design report.

For further specifics please see the WWTP engineering review checklist on the ADEQ website <http://www.azdeq.gov/node/542>.

36. Sewage Treatment Facility Engineering Plans and Specifications [A.A.C. R18-9-B203], included
in Report Section/Appendix: N/A

The documents may include manufacturer's specifications and cut sheets and shall be sealed by an Arizona registered engineer.

37. Sewage Treatment Facility Recycled Water classification [A.A.C. R18-11, Article 3]: N/A

38. Sewage Treatment Facility Set-back map [A.A.C. R18-9-B201(I)], included
in Report Section/Appendix: N/A

39. Sewage Treatment Facility sludge treatment and disposal description [A.A.C. R18-9-B202]. Included
in Report Section/Appendix: N/A

If treatment or disposal at the facility includes discharging facilities, include the Design and BADCT information required by Items 26 and 27 above. Example of a discharging facility is a sludge drying bed.

END OF APPLICATION FORM

APPENDIX A.2
ADMINISTRATIVE COMPLETENESS REVIEW CHECKLIST

**Arizona Department of Environmental Quality
Water Quality Division, Water Permits Section**

**ADMINISTRATIVE COMPLETENESS REVIEW OF APPLICATION FOR
MINING AQUIFER PROTECTION PERMIT**

PURSUANT TO ARS §49-243, 244 AND AAC R18-9-A201 THROUGH A208

Name of Applicant: Rosemont Copper Company

Name of Facility: Copper World

Address: 5255 E. Williams Circle, Suite 1065 Tucson, AZ 85711

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A201(B)	PART 1 - REQUIRED INFORMATION FORM					
R18-9- A201(B)(1)(a)	The name and mailing address of the applicant.	Sections 2.1 & 2.2	X			
R18-9- A201(B)(1)(b)	The name and mailing address of the owner of the facility.	Sections 2.1 & 2.2	X			
R18-9- A201(B)(1)(c)	The name and mailing address of the operator of the facility.	Sections 2.1 & 2.2	X			
R18-9- A201(B)(1)(d)	The legal description, including latitude and longitude, of the location of the facility.	Section 2.3	X			
R18-9- A201(B)(1)(e)	The expected operational life of the facility.	Section 2.4	X			
R18-9- A201(B)(1)(f) (49-243.A.9.)	The permit number for any other federal or state environmental permit issued to the applicant for that facility or site.	Section 2.5 & Appendix A.3	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A201(B)(2)	A copy of the certificate of disclosure required by ARS §49-109.	Section 2.6	X			
R18-9-A201(B)(3)	Evidence that the facility complies with applicable municipal or county zoning ordinances, codes, and regulations.	Section 2.7	X			
R18-9-A201(B)(4)	Copies of the technical information required in R18-9- A202(A)	Electronic Documents Only	X			Upload to ADEQ internal submission link
R18-9-A201(B)(5)	Cost estimates for facility construction, operation, maintenance, closure, and post-closure. The applicant shall ensure that the cost estimates are derived by an engineer, controller, or accountant using competitive bids, construction plan take-off's, specifications, operating history for similar facilities, or other appropriate sources, as applicable.	Section 17.0 & Appendix N	X			
R18-9- A201(B)(6)(a)	For a sewage treatment facility: Provide documentation that the sewage treatment facility conforms with the Certified Area wide Water Quality Management Plan and Facility Plan.	Not Included To be provided with application for Type 4 General Permit			X	
R18-9- A201(B)(6)(b)	For a sewage treatment facility: Additional information required in R18-9-B202 and R18-9-B203	Not Included To be provided with application for Type 4 General Permit			X	
R18-9-A201(B)(7)	Certification in writing that the information submitted in the application is true and accurate to the best of the applicant's knowledge.	Page Before Table of Contents	X			
R18-9-A201(B)(8) R18-14-103(B)	The Applicable fee established in 18A.A.C.14	N/A	X			Rosemont to be billed
R18-9-A202	PART 2 - TECHNICAL REQUIREMENTS					

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A.202(A)(1)	A topographic map, or other appropriate map approved by the Department, of the facility location and contiguous land area showing the known use of adjacent properties and all known water well locations found within one-half mile of the facility, and a description of well construction details and well uses, if available.	Figures 01 through 04 Figure 6.0 Figure 25. Appendix F.1	X			
R18-9-A202(A)(2)	A facility site plan showing all known property lines, structures, water wells, injection wells and drywells and their uses, topography, and the location of points of discharge. The facility site plan shall also include all known borings. If the Department determines that borings are numerous, the applicant shall satisfy this requirement with a narrative description of the number and location of the borings.	Figures 01 through 04 Figures 09 through 11 Figures 19 through 23 Appendix F.1	X			
R18-9-A202(A)(3)	The facility design documents indicating proposed or as-built design details and proposed or as-built configuration of basins, ponds, waste storage areas, drainage diversion features, or other engineered elements of the facility affecting discharge. When formal as-built submittals are not available, the applicant shall provide documentation, sufficient to allow evaluation of those elements of the facility affecting discharge, following the demonstration requirements of ARS §49-243 (B).	Section 10.0 Figures 09 through 11 Appendix I.10	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A202(A)(4)	A summary of the known past facility discharge activities and the proposed facility discharge activities, indicating all of the following:					
R18-9-A202(A)(4)(a) ARS §49- 243(A)(7)	The chemical, biological, and physical characteristics of the discharge.	Section 9.2 Appendix G.1	X			
R18-9-A202(A)(4)(b)	The rates, volumes, and frequency of the discharge for each facility.	Section 9.0 Appendix H.1 Appendix H.2	X			
R18-9-A202(A)(4)(c)	The location of the discharge and a map outlining the pollutant management areas described in ARS §49-244(1).	Sections 5.0, 12.0 Figures 09 through 11 Figure 36	X			
R18-9-A202(A)(5) ARS §49-243(B) R18-9-A202(A)(5)(a)	A description of the BADCT employed in the facility, including: A statement of the technology, processes, operating methods or other alternatives proposed to meet the requirements of ARS §49- 243(B), (G), or (P), as applicable. The statement shall describe:	Section 10.0	X			
R18-9-A202(A)(5)(a)(i)	The alternative discharge control measures considered,	Section 10.0	X			
R18-9-A202(A)(5)(a)(ii)	The technical and economic advantages and disadvantages of each alternative, and	Section 10.0	X			
R18-9-A202(A)(5)(a)(iii)	The justification for selection or rejection of each alternative.	Section 10.0	X			
R18-9-A202(A)(5)(b) ARS §49-243(B)	An evaluation of each alternative discharge control technology, relative to the amount of discharge reduction achievable, site-specific hydrologic and geologic characteristics, other environmental impacts,	Section 10.0	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	APPLICANT COMPLETES LOCATION WITHIN APPLICATION	MEETS REQUIREMENTS			Comments
			YES	NO	NA	
	and water conservation or augmentation.					
R18-9-A202(A)(5)(c) ARS §49-243(B)	For a new facility, an industry-wide evaluation of the economic impact of implementation of each alternative control technology	Section 10.0	X			
R18-9-A202(A)(6) ARS §49-244	Proposed points of compliance for the facility based on ARS §49-244. The applicant shall demonstrate that:	Section 12.0 Figure 36 Appendix F.2	X			
R18-9-A202(A)(6)(a)	The facility will not cause or contribute to a violation of the Aquifer Water Quality Standards at the proposed point of compliance, or	Section 12.0 Appendix F.2	X			
R18-9- A202(A)(6)(b)	If an Aquifer Water Quality Standard for a pollutant has been exceeded in an aquifer at the time of permit issuance, no additional degradation of the aquifer, relative to that pollutant and determined at the proposed point of compliance, will occur as a result of the discharge from the proposed facility.	Section 12.0 Appendix F.2	X			
R18-9-A202(A)(7)	A contingency plan that meets the requirements of R18-9- A204.	Section 13.0	X			
R18-9-A202(A)(8)	A hydrogeologic study that defines the discharge impact area for the expected duration of the facility.	Section 7.0 Appendix F.2	X			
R18-9- A202(A)(8)(a)(i)	The hydrogeologic study shall demonstrate that the facility will not contribute to a violation of Aquifer Water Quality Standards at the applicable point of compliance.	Section 7.0 Appendix F.2	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A202(A)(8)(a)(ii)	If an Aquifer Water Quality Standard for a pollutant has been exceeded in an aquifer at the time of permit issuance, that no additional degradation of the aquifer relative to that pollutant and determined at the applicable point of compliance will occur as a result of the discharge from the proposed facility.	Section 12.0	X			
R18-9-A202(A)(8)(b)	Based on the quality and characteristics of pollutants discharged, methods of disposal, and site conditions, the Department may require the applicant to provide:					
R18-9-A202(A)(8)(b)(i)	A description of the surface and subsurface geology, including a description of all borings.	Section 7.0 Appendix F.1 Appendix I.6	X			
R18-9-A202(A)(8)(b)(ii)	The location of any perennial, intermittent, or ephemeral surface water bodies.	Section 6.0 Figure 12.0 Appendix E	X			
R18-9-A202(A)(8)(b)(iii)	The characteristics of the aquifer and geologic units with limited permeability, including depth, hydraulic conductivity, and transmissivity.	Section 7.0 Appendix F.1	X			
R18-9-A202(A)(8)(b)(iv)	Rate, volume, and direction of surface water and groundwater flow, including hydrographs, if available, and equipotential maps.	Section 6.0 Section 7.0 Figure 13 Figure 34 Figure 35	X			
R18-9-A202(A)(8)(b)(v)	The precise location or an estimated location of the 100- year flood plain and an assessment of the 100-year flood surface flow and	Section 6.3	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	potential impacts on the facility.					
R18-9-A202(A)(8)(b)(vi)	Documentation of the existing quality of the water in the aquifers underlying the site, including where available, the method of analysis, quality assurance, and quality control procedures associated with the documentation;	Section 12.2 Appendix F.1	X			
R18-9-A202(A)(8)(b)(vii)	Documentation of the extent and degree of any known soil contamination at the site.	Section 3.1	X			
R18-9-A202(A)(8)(b)(viii)	An assessment of the potential of the discharge to cause the leaching of pollutants from the surface soils or vadose materials.	Section 8.6	X			
R18-9-A202(A)(8)(b)(ix)	For an underground water storage facility, an assessment of the potential of the discharge to cause the leaching of pollutants from surface soils or vadose materials or cause the migration of contaminated groundwater.				X	
R18-9-A202(A)(8)(b)(x)	Any changes in the water quality are expected because of the discharge.	Section 6.4 Section 12.0 Appendix F.2	X			
R18-9-A202(A)(8)(b)(xi)	A description of any expected changes in the elevation or flow directions of the groundwater expected to be caused by the facility.	Section 7.0	X			
R18-9-A202(A)(8)(b)(xii)	A map of the facilities discharge impact areas.	Figure 37	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A202(A)(8)(b)(xiii)	The criteria and methodologies used to determine the discharge impact area.	Section 12.4 Appendix F.2	X			
R18-9-A202(A)(9)	A detailed proposal indicating the alert levels, discharge limitations, monitoring requirements, compliance schedules, and temporary cessation, closure, and post-closure strategies or plans that the applicant will use to satisfy the requirements of ARS Title 49, Chapter 2, Article 3, and ACC R18-9, Articles 1 and 2.	Sections 12.0 through 14.0 Section 16.0 Section 20.0 and 14.0 Appendix K, Appendix M	X			
R18-9- A202(A)(10)	Closure and post-closure strategies or plans	Section 16.0 Appendix M	X			
R18-9- A202(A)(11)	Any other relevant information required by the Department to determine whether to issue a permit.	Provided Documentation			X	
R18-9-A202(B) ARS §49-243(N)	An applicant shall demonstrate the ability to maintain the technical capability necessary to carry out the terms of the individual permit, including a demonstration that the facility will be operated by a certified operator if a certified operator is required under 18 A.A.C. 5. The applicant shall make the demonstration of technical capability by submitting the following information for each person principally responsible for designing, constructing, or operating the facility:					
R18-9-A202(B)(1)	Pertinent licenses or certifications held by the person.	Section 18.0 & Appendix O	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A202(B)(2)	Professional training relevant to design, construction, or operation of the facility.	Section 18.0 & Appendix O	X			
R18-9-A202(B)(3)	Work experience relevant to the design, construction, or operation of the facility.	Section 18.0 & Appendix O	X			
R18-9-A203	PART 3 -FINANCIAL REQUIREMENTS					
R18-9-A203(B)	Financial Demonstration					
R18-9-A203(B)	A person applying for an individual permit shall demonstrate financial capability to construct, operate, close, and ensure proper post-closure care of the facility in compliance with ARS Title 49, Chapter 2, Article 3; AAC R18-9 Articles 1 and 2, and the conditions of the individual permit. The applicant shall:	Section 19.0 Appendix P	X			
R18-9-A203(B)(1)	Submit a letter signed by the chief financial officer stating that the applicant is financially capable of meeting the costs described in R18-9-A201(B)(5)	Appendix P				
R18-9-A203(B)(3)	For other than a state or federal agency, county, city, town, or other local governmental entity, submit the information required for at least one of the financial assurance mechanisms listed in subsection (C) that covers the closure and post-closure costs submitted under R18-9- A201(B)(5), including:				X	
R18-9-A203(B)(3)(a)	The selected financial mechanism or mechanisms.				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u> LOCATION WITHIN APPLICATION	MEETS REQUIREMENTS			Comments
			YES	NO	NA	
R18-9-A203(B)(3)(b)	The amount covered by each financial mechanism.				X	
R18-9-A203(B)(3)(c)	The institution or company that is responsible for each financial mechanism used in the demonstration.				X	
R18-9-A203(B)(3)(d)	Any other details that demonstrate how the applicant is financially capable of meeting the costs described in R18-9-A201 (B) (5);				X	
R18-9-A203(B)(4)	For a facility subject to R18-9- A201(B)(5)(b)(iii) and not owned by a state or federal agency, county, city, town, or other local governmental entity, submit evidence of financial arrangements to cover the operation and maintenance costs described in R18-9-A201(B)(5).				X	
R18-9-A203(C)	Financial Assurance Mechanisms The applicant may use any of the following mechanisms to cover the financial assurance obligation under R18-9-A201(B)(5):				X	
R18-9-A203(C)(1)	Financial test for self-assurance. If an applicant uses a financial test for self-assurance, the applicant shall not consolidate the financial statement with a parent or sibling company. The applicant shall make the demonstration in either subsection (C)(1)(a) or (b) and submit the information required in subsection (C)(1)(c):				X	
R18-9-A203(C)(1)(a)(i)	The applicant may demonstrate:				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u> LOCATION WITHIN APPLICATION	MEETS REQUIREMENTS			Comments
			YES	NO	NA	
	One of the following:					
R18-9-A203(C)(1)(a)(i)(1)	A ratio of total liabilities to net worth less than 2.0 and a ratio of current assets to current liabilities greater than 1.5;				X	
R18-9-A203(C)(1)(a)(i)(2)	A ratio of total liabilities to net worth less than 2.0 and a ratio of the sum of net annual income plus depreciation, depletion, and amortization to total liabilities greater than 0.1; or				X	
R18-9-A203(C)(1)(a)(i)(3)	A ratio of the sum of net annual income plus depreciation, depletion, and amortization to total liabilities greater than 0.1 and a ratio of current assets to current liabilities greater than 1.5;				X	
R18-9-A203(C)(1)(a)(ii)	The net working capital and tangible net worth of the applicant each are at least six times the closure cost estimate; and				X	
R18-9-A203(C)(1)(a)(iii)	The applicant has assets in the U.S. of at least 90 percent of total assets or six times the closure and post-closure cost estimate; or				X	
R18-9-A203(C)(1)(b)	The applicant may demonstrate:					
R18-9-A203(C)(1)(b)(i)	The applicant's senior unsecured debt has a current investment-grade rating as issued by Moody's Investor Service, Inc.; Standard and Poor's Corporation; or Fitch Ratings;				X	
R18-9-A203(C)(1)(b)(ii)	The tangible net worth of the applicant is at least six times the closure cost estimate; and				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A203(C)(1)(b)(iii)	The applicant has assets in the U.S. of at least 90 percent of total assets or six times the closure and post-closure cost estimate; and				X	
R18-9-A203(C)(1)(c)	The applicant shall submit:					
R18-9-A203(C)(1)(c)(i)	A letter signed by the applicant's chief financial officer that identifies the criterion specified in subsection (C)(1)(a) or (b) and used by the applicant to satisfy the financial assurance requirements of this Section, an explanation of how the applicant meets the criterion, and certification of the letter's accuracy, and	Section 19.2 Appendix P	X			
R18-9-A203(C)(1)(c)(ii)	A statement from an independent certified public accountant verifying that the demonstration submitted under subsection (C)(1)(c)(i) is accurate based on a review of the applicant's financial statements for the latest completed fiscal year or more recent financial data and no adjustment to the financial statement is necessary.	Section 19.2 Appendix P	X			
R18-9-A203(C)(2)	Performance surety bond The applicant may use a performance surety bond if the following conditions are met:				X	
R18-9-A203(C)(2)(a)	The company providing the performance bond is listed as an acceptable surety on federal bonds in Circular 570 of the U.S. Department of the Treasury;				X	
R18-9-A203(C)(2)(b)	The bond provides for performance of all the				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	covered items listed in R18-9- A201(B)(5) by the surety, or by payment into a standby trust fund of an amount equal to the penal amount if the permittee fails to perform the required activities;					
R18-9-A203(C)(2)(c)	The penal amount of the bond is at least equal to the amount of the cost estimate developed in R18-9-A201(B)(5) if the bond is the only method used to satisfy the requirements of this Section or a pro-rata amount if used with another financial assurance mechanism;				X	
R18-9-A203(C)(2)(d)	The surety bond names the Arizona Department of Environmental Quality as beneficiary;				X	
R18-9-A203(C)(2)(e)	The original surety bond is submitted to the Director;				X	
R18-9-A203(C)(2)(f)	Under the terms of the bond, the surety is liable on the bond obligation when the permittee fails to perform as guaranteed by the bond; and				X	
R18-9-A203(C)(2)(g)	The surety payments under the terms of the bond are deposited directly into the Standby Trust Fund.				X	
R18-9-A203(C)(3)	Certificate of deposit The applicant may use a certificate of deposit if the following conditions are met:				X	
R18-9-A203(C)(3)(a)	The applicant submits to the Director one or more certificates of deposit made payable to or assigned to the Department to cover the applicant's financial assurance obligation or a pro-rata amount if used with another financial assurance mechanism;				X	
R18-9-A203(C)(3)(b)	The certificate of deposit is insured by the Federal Deposit Insurance				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	Corporation and is automatically renewable;					
R18-9-A203(C)(3)(c)	The bank assigns the certificate of deposit to the Arizona Department of Environmental Quality;				X	
R18-9-A203(C)(3)(d)	Only the Department has access to the certificate of deposit; and				X	
R18-9-A203(C)(3)(e)	Interest accrues to the permittee during the period the applicant gives the certificate as financial assurance, unless the interest is required to satisfy the requirements in R18-9-A201 (B) (5).				X	
R18-9-A203(C)(4)	Trust fund. The applicant may use a trust fund if the following conditions are met:				X	
R18-9-A203(C)(4)(a)	The trust fund names the Arizona Department of Environmental Quality as beneficiary, and				X	
R18-9-A203(C)(4)(b)	The trust is initially funded in an amount at least equal to:				X	
R18-9-A203(C)(4)(b)(i)	The cost estimate of the closure plan or strategy submitted under R18-9-A201(B)(5),	Section 17.0 Appendix N	X			
R18-9-A203(C)(4)(b)(ii)	The amount specified in a compliance schedule approved in the permit, or				X	
R18-9-A203(C)(4)(b)(iii)	A pro-rata amount if used with another financial assurance mechanism.				X	
R18-9-A203(C)(5)	Letter of credit. The applicant may use a letter of credit if the following conditions are met:				X	
R18-9-A203(C)(5)(a)	The financial institution issuing the letter is regulated and examined by a federal or state agency;				X	
R18-9-A203(C)(5)(b)	The letter of credit is irrevocable and issued for at least one year in an amount equal to the cost estimate submitted under R18-9- A201(B)(5) or a pro-rata amount if used with				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	another financial assurance mechanism. The letter of credit provides that the expiration date is automatically extended for a period of at least one year unless the issuing institution has canceled the letter of credit by sending notice of cancellation by certified mail to the permittee and to the Director 90 days in advance of cancellation or expiration. The permittee shall provide alternate financial assurance within 60 days of receiving the notice of expiration or cancellation;					
R18-9-A203(C)(5)(c)	The financial institution names the Arizona Department of Environmental Quality as beneficiary for the letter of credit; and				X	
R18-9-A203(C)(5)(d)	The letter is prepared by the financial institution and identifies the letter of credit issue date, expiration date, dollar sum of the credit, the name and address of the Department as the beneficiary, and the name and address of the applicant as the permittee.				X	
R18-9-A203(C)(6)	Insurance policy. The applicant may use an insurance policy if the following conditions are met:				X	
R18-9-A203(C)(6)(a)	The insurance is effective before signature of the permit or substitution of insurance for other extant financial assurance instruments posted with the Director;				X	
R18-9-A203(C)(6)(b)	The insurer is authorized to transact the business of insurance in the state and has an AM BEST Rating of at least a B+ or the equivalent;				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A203(C)(6)(c)	The permittee submits a copy of the insurance policy to the Department;				X	
R18-9-A203(C)(6)(d)	The insurance policy guarantees that funds are available to pay costs as submitted under R18-9-A201 (B) (5) without a deductible. The policy also guarantees that once cleanup steps begin that the insurer will pay out funds to the Director or other entity designated by the Director up to an amount equal to the face amount of the policy;				X	
R18-9-A203(C)(6)(e)	The policy guarantees that while closure and post-closure activities are conducted the insurer will pay out funds to the Director or other entity designated by the Director up to an amount equal to the face amount of the policy;				X	
R18-9-A203(C)(6)(f)	The insurance policy is issued for a face amount at least equal to the current cost estimate submitted to the Director for performance of all items listed in R18-9- A201(B)(5) or a pro-rata amount if used with another financial assurance mechanism. Actual payments by the insurer will not change the face amount, although the insurer's future liability is reduced by the amount of the payments, during the policy period;				X	
R18-9-A203(C)(6)(g)	The insurance policy names the Arizona Department of Environmental Quality as additional insured;				X	
R18-9-A203(C)(6)(h)	The policy contains a provision allowing assignment of the policy to				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	a successor permittee. The transfer of the policy is conditional upon consent of the insurer and the Department; and					
R18-9-A203(C)(6)(i)	The insurance policy provides that the insurer does not cancel, terminate, or fail to renew the policy except for failure to pay the premium. The automatic renewal of the policy, at a minimum, provides the insured with a renewal option at the face amount of the expiring policy. If the permittee fails to pay the premium, the insurer may cancel the policy by sending notice of cancellation by certified mail to the permittee and to the Director 90 days in advance of the cancellation. If the insurer cancels the policy, the permittee shall provide alternate financial assurance within 60 days of receiving the notice of cancellation.				X	
R18-9-A203(C)(7)	Cash Deposit The applicant may use a cash deposit if the cash is deposited with the Department to cover the financial assurance obligation under R18-9-A201 (B) (5).				X	
R18-9-A203(C)(8)	Guarantees					
R18-9-A203(C)(8)(a)	The applicant may use guarantees to cover the financial assurance obligation under R18-9-A201(B)(5) if the following conditions are met:				X	
R18-9-A203(C)(8)(a)(i)	The applicant submits to the Department an affidavit certifying that the guarantee arrangement is valid under all applicable federal and state laws. If the applicant is a corporation, the				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	applicant shall include a certified copy of the corporate resolution authorizing the corporation to enter into an agreement to guarantee the permittee's financial assurance obligation;					
R18-9-A203(C)(8)(a)(ii)	The applicant submits to the Department documentation that explains the substantial business relationship between the guarantor and the permittee;				X	
R18-9-A203(C)(8)(a)(iii)	The applicant demonstrates that the guarantor meets conditions of the financial mechanism listed in subsection (C) (1). For purposes of applying the criteria in subsection (C)(1) to a guarantor, substitute "guarantor" for the term "applicant" as used in subsection (C)(1);				X	
R18-9-A203(C)(8)(a)(iv)	The guarantee is governed by and complies with state law;				X	
R18-9-A203(C)(8)(a)(v)	The guarantee continues in full force until released by the Director or replaced by another financial assurance mechanism listed under subsection (C);				X	
R18-9-A203(C)(8)(a)(vi)	The guarantee provides that, if the permittee fails to perform closure or post-closure care of a facility covered by the guarantee, the guarantor shall perform or pay a third party to perform closure or post-closure care, as required by the permit, or establish a fully funded trust fund as specified under subsection (C)(4) in the name of the owner or operator; and				X	
R18-9-A203(C)(8)(a)(vii)	The guarantor names the Arizona Department of Environmental Quality as beneficiary of the guarantee.				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A203(C)(8)(b)	Guarantee reporting The guarantor shall notify or submit a report to the Department within 30 days of:				X	
R18-9-A203(C)(8)(b)(i)	An increase in financial responsibility during the fiscal year that affects the guarantor's ability to meet the financial demonstration;				X	
R18-9-A203(C)(8)(b)(ii)	Receiving an adverse auditor's notice, opinion, or qualification; or				X	
R18-9-A203(C)(8)(b)(iii)	Receiving a Department notification requesting an update of the guarantor's financial condition.				X	
R18-9-A203(C)(9)	An applicant may use a financial assurance mechanism not listed in subsection (C) (1) through (8) if approved by the Director.				X	
R18-9-A203(D)	Loss of coverage. If the Director believes that a permittee will lose financial capability under subsection (C), the permittee shall, within 30 days from the date of receipt of the Director's request, submit evidence that the financial demonstration under subsection (B) is being met or provide an alternative financial assurance mechanism.				X	
R18-9-A203(E)	Financial assurance mechanism substitution. A permittee may substitute one financial assurance mechanism for another if the substitution is approved by the Director through an amendment under subsection (F).				X	
R18-9-A203(F)	Permit amendment. The permittee shall apply for an amendment to the individual permit if the permittee changes a financial assurance mechanism or if the permittee's revision of the				X	

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	closure strategy results in an increase in the estimated cost under R18-9-A201 (B) (5). If a permittee seeks to amend a permit under R18-9-A211 (B), the permittee shall submit a financial capability demonstration for all facilities covered by the amended individual permit with the permit amendment request.					
R18-9-A203(G)	Previous financial demonstration. If an applicant shows that the financial assurance demonstration required under this Section is covered within a financial demonstration already made to a governmental agency and the Department has access to that information, the applicant is not required to resubmit the information. The applicant shall certify that the current financial condition is equal to or better than the condition reflected in the financial demonstration provided to the other governmental agency. This provision does not apply to a demonstration required under subsection (F).				X	
R18-9-A203(H)	Recordkeeping. A permittee shall maintain the financial capability for the duration of the permit and report as specified in the permit.				N/A	
R18-9-A204	PART 4 Contingency Plan					
R18-9-A204(A)	An individual permit shall specify a contingency plan that defines the actions to be taken if a discharge results in any of the following:					

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A204(A)(1)	A violation of an Aquifer Water Quality Standard or an AQL.	Section 13.0	X			
R18-9-A204(A)(2)	A violation of a discharge limitation.	Section 13.0	X			
R18-9-A204(A)(3)	A violation of any other permit condition.	Section 13.0	X			
R18-9-A204(A)(4)	An alert level is exceeded, or	Section 13.0	X			
R18-9-A204(A)(5)	An imminent and substantial endangerment to the public health or the environment.	Section 13.0	X			
R18-9-A204(B)	The contingency plan may include one or more of the following actions if a discharge results in any of the conditions described in subsection AAC R18-9-A204.A.:					
R18-9-A204(B)(1)	Verification sampling.	Section 13.0	X			
R18-9-A204(B)(2)	Notification to downstream or down-gradient users who may be directly affected by the discharge.	Section 13.0	X			For aquifer quality limit violations.
R18-9-A204(B)(3)	Further monitoring may include increased frequency, additional constituents, or additional monitoring locations.	Section 13.0	X			
R18-9-A204(B)(4)	Inspection, testing, operation, or maintenance of discharge control features at the facility.	Section 13.0	X			
R18-9-A204(B)(5)	Evaluation of the effectiveness of discharge control technology at the facility that may include technology upgrades;	Section 13.0	X			
R18-9-A204(B)(6)	Evaluation of pretreatment for sewage treatment facilities;	Section 13.0	X		X	
R18-9-A204(B)(7)	Preparation of a hydrogeologic study to assess the extent of soil, surface water, or aquifer impact;	Section 13.0	X			
R18-9-A204(B)(8)	Corrective action that includes any of the following measures:					
R18-9-A204(B)(8)(a)	Control of the source of an unauthorized discharge.	Section 13.0	X			

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
R18-9-A204(B)(8)(b)	Soil cleanup.	Section 13.0	X			
R18-9-A204(B)(8)(c)	Cleanup of affected surface waters.	Section 13.0	X			
R18-9-A204(B)(8)(d)	Cleanup of affected parts of the aquifer, or	Section 13.0	X			
R18-9-A204(B)(8)(e)	Mitigation measures to limit the impact of pollutants on existing uses of the aquifer.	Section 13.0	X			
R18-9-A204(D)	A contingency plan shall contain emergency response provisions to address an imminent and substantial endangerment to public health or the environment including:					
R18-9-A204(D)(1)	Twenty-four hour emergency response measures.	Section 13.0	X			
R18-9-A204(D)(2)	The name of an emergency response coordinator responsible for implementing the contingency plan.	Section 13.0	X			
R18-9-A204(D)(3)	Immediate notification to the Department regarding any emergency response measure taken.	Section 13.0	X			
R18-9-A204(D)(4)	A list of people to contact including names, addresses and telephone numbers if an imminent and substantial endangerment to public health or the environment arises; and	Section 13.0	X			
R18-9-A204(D)(5)	A general description of the procedures, personnel, and equipment that will be used to mitigate unauthorized discharges.	Section 13.0	X			
R18-9-A204(E)	A contingency plan required by the Federal Water Pollution Control Act (P.L. 92-500; 86 Stat. 816; 33 U.S.C. 1251, et seq., as amended), or the Resource Conservation and Recovery Act of 1976 (P.L. 94-580; 90 Stat. 2796; 42				X	Rosemont is not expected to be a large quantity generator, so this is not anticipated to apply.

ARIZONA ADMINISTRACION CODE/ARIZONA REVISED STATUTES	DESCRIPTION OF INFORMATION REQUIRED IN THE PERMIT APPLICATION	<u>APPLICANT COMPLETES</u>	MEETS REQUIREMENTS			Comments
		LOCATION WITHIN APPLICATION	YES	NO	NA	
	U.S.C. 6901 et seq., as amended), may be amended to meet the requirements of AAC R18-9-A204 and submitted to the Department for approval instead of a separate aquifer protection contingency plan.					

APPENDIX A.3
CURRENT PERMITS

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Federal Permits and Authorizations					
MSHA ID Number	Mine Safety and Health Administration (MSHA)	Submitted. Mine ID:02-03256 Operator: Rosemont Copper Company	Issued Current Controller: Hudbay Mineral Inc. Report type: Closure of Operation Type of Closure: Temporary Planned transfer to Copper World Project.	Oct 16, 2009 Oct 01, 2019	
Radio Licenses	FCC	License already exists for current on-site use	Issued for current use – need larger project use license		
Blasting License	Bureau of Alcohol, Tobacco, Firearms, and Explosives (BATFE)	Submittal will be dependent upon the development of on-site facilities and blasting personnel			
Hazardous Waste Identification Number	Environmental Protection Agency (EPA) – Issued for hazardous waste	Submitted Requires a contingency plan.	Received RCRA EPA ID Number: AZR000509976	Sept 14, 2011	Annual registration and generation

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
	generated and transported off-site in quantities in excess of 100 pounds.			Life of the facility	reporting (by February 15 th).
Hazardous Materials Transportation Permit	Department of Transportation (DOT) – Permit needed to transport or received “hazardous materials” under the DOT definitions.	TBD Registration and plan only - will be dependent upon the construction schedule but the number should be in place prior to construction start.	Not submitted	N/A	N/A
				1-3 years depending upon permit	
State Permits and Authorizations					
Well Drilling Permit	Arizona Department of Water Resources (ADWR) – Issued anytime drilling may intercept water table	On-going submittals for mineral exploration, geotechnical, and hydrologic investigation activities, and water wells.	Issued for current activities, apply as needed for future activities	N/A	Reporting (N/A)
				Until well or borehole is closed or completed	
Groundwater Withdrawal Permit	ADWR – Groundwater withdrawal rights	Mineral Extraction Right	Issued Permit No. 59-215979.0000	Jan 18, 2008	Annual reporting on water withdrawal (by March 31 st).

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
				20 years Jan 17, 2028	Reporting is also done annually on Rosemont's Long-Term Storage Account No. 70-411390.0000. There are no active water storage permits.
Dam Safety Permit	ADWR – Regulates the construction and operation of large containment structures	TBD Facilities to be analyzed if under ADWR jurisdiction criteria	Not submitted	N/A	N/A
				N/A	
Multi-Sector Stormwater Permit (MSGP)	ADEQ – Regulates stormwater discharge	TBD AZPDES MSGP will apply to all onsite industrial activities (Main Copper World Project Site)	Not submitted. Coverage will be under AZMSG2019-002 for the Copper Work Project	Jan 1, 2020	For operations, quarterly site inspections and within 24 hours of a measurable storm event.
				Dec 31, 2024 Issue date and term are for AZMSGP2019-002	Semi-annual agency reporting on discharge monitoring reports (DMRs). Reporting by June 30 th for winter wet season and by November 30 th for summer wet season.

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Construction General Stormwater Permit (CGP)	Arizona Department of Environmental Quality (ADEQ) – Issued for activities associated with Copper World Project (drilling, site prep, roads, etc.)	Original September 10, 2020 Last update April 08, 2022 (AZCN85471 under AZG2020-001)	Covered AZG2020-001 CGP AZCN85471	July 1, 2020	Inspections are set every 14 days and for each storm event of 0.5 inches or greater in 24 hours Electronic semi-annual agency reporting on discharge monitoring reports (DMRs) if required
				June 30, 2025 Issue date and term are for AZG2020-001	
Construction General Stormwater Permit (CGP)	Arizona Department of Environmental Quality (ADEQ) – Issued for construction activities along Utility Corridor	Original July 15, 2015 (AZCN73607 under AZG2013-001) Last Update July 02, 2020	Covered AZG2020-001 CGP AZCN83106	July 1, 2020	Currently under 'inactive and unstaffed' status. Inspections are set every six (6) months and for each storm event of 0.5 inches or greater in 24 hours Electronic semi-annual agency reporting on discharge monitoring reports (DMRs) if required
				June 30, 2025 Issue date and term are for AZG2020-001	

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Class II Air Permit	ADEQ – Air Quality Control Permit – Main Project Site	Original application submittal on Nov 23, 2011, Permit No. 55223 issued Jan 31, 2013 Renewal submitted July 2017, Permit No. 67001 issued April 24, 2018 Permit renewal application to ADEQ scheduled for September 2022	Permit No. 55223 Issued Jan 31, 2013 Permit No. 67001 Issued April 24, 2018 Renewal application in progress. Renewal to include both Copper World Project and Rosemont Copper Project. Copper World Project as an alternate operating scenario.	Apr 24, 2018	Semi-annual outstanding compliance by May 15 th and Nov 15 th Semi-annual compliance certification by May 15 th and Nov 15 th Annual emissions inventory by March 31 st (or within 90 days of when inventory form is made available)
				Apr 23, 2023 (5 years)	
Air Quality Fugitive Dust Activity Permit	ADEQ – Main Copper World Project Site and along Utility Corridor	Submitted March 2022	Issued April 18, 2022	April 18, 2022	Reporting (N/A) Reapply if needed prior to the expiration date. Activity permits are issued for one (1) year.
				1-year Expires April 17, 2023	
Aquifer Protection Permit (APP) – Area Wide	ADEQ – Groundwater discharge permit	Permit application to ADEQ scheduled for September 2022	Application in progress	TBD	Biennial reporting, Quarterly SMRF reporting (by 01/31, 04/30, 07/31, 10/31)
				Life of facility once issued	

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Type 2.02 General Permit	ADEQ – Intermediate Stockpile Permit (Temporary ROM Stockpile)	TBD	Not submitted	TBD	Reporting (N/A) Renew 30 days prior to the expiration
				7 years	
Type 2.02 General Permit	ADEQ – Intermediate Stockpile Permit – Coarse Ore Stockpiles – Oxide and Sulfide Ore)	TBD	Not submitted	TBD	Reporting (N/A) Renew 30 days prior to the expiration
				7 years	
Type 3.03 General Permit	ADEQ – Vehicle/Equipment Wash for Southwest Energy Facility	TBD	Not submitted	TBD	Reporting (N/A) Renew 30 days prior to the expiration
				5 years	
Type 4 General Permit	ADEQ – Onsite Wastewater Permit – for septic leach fields	TBD	Not submitted	N/A	N/A
				Life of facility	
Arizona Mined Land Reclamation Permit	Arizona State Mine Inspector (ASMI) – Permit for reclamation activities at a site.	Original submitted June 2021 Mined Land Reclamation Plan updated May 2022	Approved Oct 19, 2021 Update approved on July 27, 2022	Oct 19, 2021	Annual report to ASMI due within 60 days of Oct 19 th (no later than Dec 10 th)
				Life of facility – annual updates	
Start-up Notice for Mine Operations	Arizona State Mine Inspector	Register’s mine with Arizona State Mine Inspector	N/A	Sept 9, 2009	N/A
				N/A	

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Certificate of Environmental Compatibility	Arizona Corporation Commission and the Line Siting Committee	Application for power line route submitted by Tucson Electric Power on November 2011	Issued (to TEP) Docket No. L-00000C-11-0400-00164 Case No. 164	CEC signed Dec 19, 2011 Approved - Mar 21, 2012 Amended - Jun 12, 2012 Amended – Sep 20, 2018 Amended – July 11, 2022	Extension of CEC stipulated to June 12, 2029 (construction of powerline required by this date)
Right of Way (ROW)	Arizona State Land Department (ASLD) for Utility ROW	Applications Submitted on Nov 8, 2010.	Issued 14-112157 14-114856 14-115294 14-117858 18-115542 18-115543	Mar 7, 2017	Renewal of TCE (for 14-112157) within 2 years of construction start
				Mar 6, 2067 14-112157 14-114856 14-115294 14-117858 Mar 6, 2027 18-115542 18-115543	

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Drinking Water System Registration	ADEQ – system plans need to be approved prior to installation, registration for all non-community non-transient drinking water systems	TBD Submittal required prior to construction of the system. Sampling and emergency plans are required. The system will start at a tank that is fed by the freshwater delivery system from wells in the Sahuarita area.	Not submitted	N/A	N/A
				N/A	
Agricultural Land Clearing Permit	Arizona Department of Agriculture – Permit to clear land	Original submittal August 21, 2020 Latest submitted Oct 4, 2021 Submittal prior to construction of facilities or disturbance of state-protected native plants	Submitted and accepted for all of Rosemont's private parcels	Nov 26, 2021 N/A	Reporting (N/A)
County Permits and Authorizations					
Pima County Floodplain Use Permit	Pima County Regional Flood Control District	Renewal requested on May 13, 2022	Issued and renewed FPUP 13-640 (original) P20FC00625 (current renewed permit)	Original June 4, 2014 Current May 16, 2022	Submit renewal request prior to May 16, 2023

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
				One year from date of issue May 16, 2023	
Floodplain Use Permit	Pima County Regional Flood Control District Needed if pipeline required between Sanrita South and Vulcan.	TBD	Not submitted	N/A	N/A
				N/A	
Right of Way Encroachment – License Agreement and ROW Use Permit (under Right of Way Encroachment Licence Agreement)	Pima County Development Services Needed for trenched pipeline crossings across Santa Rita Road	TBD	Not submitted	N/A	N/A
				N/A	
Hazardous Waste Management	PCDEQ – registration with PCDEQ for all EPA ID Nos.	RCRA EPA ID Number: AZR000509976	Issued – need to register number with County when activities start	N/A Life of facility	Reporting (N/A)

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Town Permits and Authorizations					
Right of Way Encroachment – License Agreement	Town of Sahuarita	This encroachment is for a waterline along Santa Rita Road Also requires dust management along Santa Rita Road during construction and development of a cooperative long-term dust management plan A well pump protection plan is required for TOS wells prior to pumping wells	Issued License Contract No. CO13-0029	June 24, 2013	Reporting (N/A)
				Effective for 25 years until June 23, 2038	
ROW Use Permit (under Right of Way Encroachment Licence Agreement)	Needed prior to waterline installation along Santa Rita Road	TBD	Not submitted	N/A	N/A
				N/A	
Building Permit	Needed prior to electrical installations for wells at Vulcan	TBD	Not submitted	N/A	N/A
				N/A	
	Needed prior to installation of	TBD	Not submitted	N/A	N/A

PERMIT AND AUTHORIZATIONS TABLE					
Permit	Lead Agency and Description	Submittal Date	Status/Details	Issue Date	Compliance Report/Inspection Due Date
				Term	
Floodplain Use Permit Conditional Use Permit	construction trailers at Old Nogales property Needed prior to use of Old Nogales property as a construction laydown yard			N/A	