



CERTIFICATION

STATE OF ARIZONA
Addendum to the
Clean Water Act Section 401 Water Quality Certification
U.S. Army Corps of Engineers File No.: SPL-2008-00816-MB
ADEQ LTF No.: 55425
Addendum ADEQ LTF No.: 68057

1. AUTHORIZATION

This State Water Quality Certification (WQC) Addendum is issued by the Arizona Department of Environmental Quality (ADEQ) under the authority of Section 401(a) of the federal Clean Water Act (CWA) (33 U.S.C. §1251 et seq.) and Arizona Revised Statutes Section 49-202. The conditions listed in Section 5 are in addition to conditions in the pending U.S. Army Corps of Engineers (USACE) Application No. SPL-2008-00816-MB. These WQC conditions are enforceable by the USACE and are subject to civil penalties if violated. Criminal penalties may also be levied if a person knowingly violates any provision of the CWA.

Subject to the conditions in Section 5, ADEQ certifies that based on the information in Section 3, the activities proposed for the Sonoita Creek Ranch Mitigation Project an addendum to the Rosemont Copper Project will not violate applicable Surface Water Quality Standards (SWQS) in Sonoita Creek and other impacted washes in the Santa Cruz Watershed.

Pursuant to A.R.S. 49-202.C. ADEQ's review authority extends only to activities occurring within the ordinary high water mark of waters of the United States (WUS). Not all of the project elements involve discharges of dredged or fill material to WUS requiring Section 401 certification.

APPLICANT INFORMATION

Project Name: Sonoita Creek Ranch Mitigation Addendum
Latitude: 31° 36' 17.46" Longitude: 110° 43' 11.88"

Applicant: Rosemont Copper Company
Katherine Arnold, Director, Environment
5255 E. Williams Circle, Suite 1065
Tucson, Arizona 85711

AUTHORIZING SIGNATURE

Trevor Baggione
Water Quality Division

Date

Arizona Department of Environmental Quality

Reading file: SWGP17-0333

2. DESCRIPTION OF ACTIVITIES TO BE CERTIFIED

As part of the CWA 404 permit, the U.S. Army Corps of Engineers is requiring the Rosemont Copper Company to submit an addendum to its original CWA401 Water Quality Certification (WQC). The addendum provides detailed mitigation plans for Sonoita Creek Ranch, which were in the development stage when the original WQC was issued in February of 2015.

The Sonoita Creek Ranch project will be completed as mitigation for the CWA 404 permit for the Rosemont Copper Project. Sonoita Creek Ranch is a 1580 acre parcel containing 39.99 acres of Waters of the U.S. (WUS) that will be actively managed and modified as mitigation for conservation purposes.

The project will rehabilitate the floodplain and re-establish a channel in that floodplain over an area encompassing 322.1 acres. In order to complete this work, Rosemont will fill the channelized portion of Sonoita Creek (8.9 acres) and divert flow into a sinuous ephemeral channel that will be constructed through an existing agriculture field (Sonoita Creek was previously channelized and diverted to create the agriculture field resulting in a non-functioning system throughout its length). Two on-site ponds will also be “re-attached” into the ephemeral channel to further provide recharge and connectivity.

The project will involve fill activities, channel modification and deepening of the Kinder Morgan Pipeline in two locations. The fill material used will be onsite materials that are cut during channel construction.

3. INFORMATION REVIEWED

During the development of this State Certification, ADEQ had access to and reviewed the following documents which are on file with ADEQ:

- A. CWA Section 401 Certification application package addendum, including project descriptions and maps, dated and received by ADEQ on September 25, 2017. Permittee: Katherine Arnold, Rosemont Copper Company
- B. State of Arizona Surface Water Quality Standards (SWQS), Arizona Administrative Code (A.A.C.) Title 18, Chapter 11, Article 1. Designated uses for Sonoita Creek are: Agricultural - Livestock watering (AgL), Aquatic and Wildlife ephemeral (A&We), and Partial Body Contact (PBC)
- C. Rosemont letter to ADEQ dated September 14, 2017
- D. Final Habitat Mitigation and Monitoring Plan provided by Rosemont Copper Company, September 14, 2017

4. NOTIFICATION PROVISIONS

For any correspondence regarding this project, the ADEQ mailing address is:
Arizona Department of Environmental Quality
Rosi Sherrill
Surface Water Section / 401 Certifications / mailstop 5415A-1
1110 West Washington Street
Phoenix, Arizona 85007

For questions or general comments:
Email: ls7@azdeq.gov

Voice: (602) 771-4409

In any correspondence, reference:
Sonoita Creek Ranch Mitigation for the Rosemont Copper Project
USACE File No.: SPL-2008-00816-MB
ADEQ LTF No.: 68057
Reading file: SWGP17-0333

5. CONDITIONS FOR STATE 401 WATER QUALITY CERTIFICATION

With the exception of Specific Conditions 1 through 4, which are not relevant to the mitigation amendment for Sonoita Creek Ranch, the applicant is responsible for complying with all of the General Conditions and Specific Conditions 5 through 33 as specified in the CWA 401 Water Quality Certification for Rosemont Copper Project, LTF #55425.