

## **MEMORANDUM OF UNDERSTANDING**

between

**USDA FOREST SERVICE, REGION 3,  
CORONADO NATIONAL FOREST**

and

**THE DEPARTMENT OF THE AIR FORCE  
162D FIGHTER WING (ANG) (AETC)  
TUCSON, ARIZONA**

This **MEMORANDUM OF UNDERSTANDING**, to cooperate in the National Environmental Policy Act process concerning the Rosemont Copper Project, is hereby entered into by and between the USDA Forest Service, Region 3, Coronado National Forest (hereafter, Forest), hereinafter referred to as the Forest Service, and the Department of the Air Force, 162d Fighter Wing (ANG)(AETC), Tucson, Arizona, hereinafter referred to as the Air Force.

### **A. PURPOSE**

The purposes of this Memorandum of Understanding (MOU) are to:

1. Provide the framework for a mutually beneficial, cooperative, and productive intergovernmental relationship between the Forest Service and the Air Force with regard to the development of the Forest Service's environmental impact statement for the Rosemont Copper Project.
2. Define the respective roles and responsibilities of the Forest Service and the Air Force as they relate to the process the Forest Service will use in developing an environmental impact statement for the Rosemont Copper Project.
3. Affirm the parties' willingness and agreement to cooperate in the environmental study for the Rosemont Copper Project.
4. Identify the Forest Service as the Lead Federal Agency and the Air Force as a cooperating agency.
5. Affirm that the Forest Service has primary responsibility for National Environmental Policy Act (NEPA) compliance and preparation of the environmental impact statement for the Rosemont Copper Project.
6. Affirm the commitment of the Forest Service to fully consider the views of the Air Force in the development of the environmental impact statement for the Rosemont Copper Project.
7. Establish the parties' agreement and commitment to jointly review the environmental impact statement developed under NEPA for the Rosemont Copper Project.

8. Affirm that the Forest Service has sole and ultimate decision-making authority regarding the use of National Forest System lands for the Rosemont Copper Project.

## **B. BACKGROUND**

The Council on Environmental Quality regulations codified at 40 C.F.R. Parts 1500-1508 apply to the Forest Service. The Forest Service also has its own regulations and policies for implementing NEPA. NEPA requires Federal agencies to prepare an environmental impact statement prior to undertaking a major Federal action significantly affecting the quality of the human environment. NEPA also requires Federal agencies to study, develop, and describe appropriate alternatives to any proposal involving unresolved conflicts concerning alternate uses of available resources. NEPA also requires disclosure of the potential impacts of the proposed action and its alternatives.

The Rosemont Copper Project was generated externally by the Rosemont Copper Company. It is a major Federal action that may significantly affect the quality of the human environment. The proposed project is construction, operation, reclamation, and closure of an open-pit mine. The proposed project also includes associated infrastructure.

As proposed, the project would be located in Pima County, Arizona approximately 30 miles southeast of Tucson, Arizona on approximately 995 acres of private land, 3,670 acres of National Forest System land, 15 acres of land administered by the USDI Bureau of Land Management, and 75 acres of State of Arizona State Trust land. Ore extraction is proposed to be conducted primarily on private lands. Ore processing, waste management, and other support facilities and infrastructure are proposed to be located on the Forest. Project infrastructure is also proposed to be located on land administered by the USDI Bureau of Land Management and the State Trust Lands.

Annual production estimates include 234 million pounds of copper, 4.5 million pounds of molybdenum, and 2.7 million ounces of silver over a period of approximately 20 years. A further summary of the proposed action is provided in the Forest Service's "Notice of Intent to Prepare an Environmental Impact Statement" published in the *Federal Register* on March 13, 2008 (Volume 73, Number 50, pages 13527-13529). The complete proposed action consists of the material provided by the Rosemont Copper Company identified in Forest Supervisor Derby's letter of October 19, 2007, and the 28 items responsive to her request for additional information. An electronic composite of this information has been compiled to facilitate its use. It will be referred to hereafter as the composite Mine Plan of Operation (MPO). The composite MPO is available through links at: <http://www.fs.fed.us/r3/coronado/rosemont/mpo.shtml>.

The General Mining Act of 1872 confers a statutory right to enter upon public lands open to location in pursuit of locatable minerals, and under valid existing mining claims to conduct mining activities, in compliance with Federal and State statutes and regulations. The Multiple-Use Mining Act of 1955 confirms the ability to conduct mining activities on public lands, locate necessary facilities, and conduct reasonable and incidental uses to mining on public lands, including National Forest System lands. Forest Service mining regulations at 36 C.F.R. Part 228 Subpart A correspondingly recognizes the rights of mining claimants.

Although the Forest Service may reasonably regulate mining activities to protect surface resources, there are statutory and constitutional limits to its discretion when reviewing and approving a mining plan of operations. The Forest Service cannot categorically prohibit mining activity or deny reasonable mineral operations under the mining laws. Although selection of a no-action alternative is outside the discretion of the Forest Service Responsible Official, the impacts of no action will be disclosed in the environmental impact statement. In practice, the Forest Service works with the mining applicant to develop an acceptable, legally-compliant plan of operations as an alternative to be considered during the NEPA process, thereby precluding selection of the no-action alternative.

### **C. MUTUAL BENEFITS AND INTERESTS**

In the interest of mutual benefits and interests, both parties wish to:

1. Develop procedures to ensure that each may efficiently and effectively meet its responsibilities as a public entity.
2. Cooperate to help achieve better outcomes while ensuring each agency's key mandates and legal requirements are adequately and appropriately met.
3. Communicate openly and provide a conduit for the timely exchange of information.
4. Provide a framework to fully consider the physical, biological, social, economic, and cultural impacts of the Rosemont Copper Project as part of their respective and collective planning and decisionmaking processes.
5. Resolve conflicts at the lowest administrative level without having to resort to judicial review.
6. Conduct a periodic review of this MOU for evaluation of its effectiveness.

### **D. FOREST SERVICE RESPONSIBILITIES**

The Forest Service shall:

1. Retain its sole and ultimate decision-making authority regarding the use of National Forest System lands for the Rosemont Copper Project, using the "Rosemont Copper Project Final Environmental Impact Statement," and supporting record as the basis for determining the Final Mine Plan of Operation.
2. Retain its primary responsibility for NEPA compliance including, but not limited to, content of the environmental impact statement, public distribution of the "Rosemont Copper Project Draft Environmental Impact Statement" for review and comment, public distribution of other project materials, management of the comments received on the environmental impact statement, public notice and filing requirements, and arrangements associated with any public meetings to be held.

3. Identify any requirements necessary for compliance with the Land and Resource Management Plan for the Coronado National Forest, 1986, as amended or revised, (hereafter, Forest Plan) or to further amend the Forest Plan as needed.
4. Designate the Air Force as a cooperating agency in the environmental impact statement.
5. Share with the Air Force data and other information that is relevant to the development of the environmental impact statement and within Air Force's area of special expertise.
6. Hold, on its own accord or upon request, government-to-government meetings and field reviews with the Air Force as determined appropriate, without general public notice or participation.
7. Confer with the Air Force on relevant technical studies and reports that may be required for the project.
8. Include, to the extent feasible, sufficient documentation in the environmental impact statement and supporting record to allow use by the Air Force to meet its compliance requirements or other responsibilities.
9. Request the Air Force's review of internal working drafts of select portions of the environmental impact statement.
10. Provide the Air Force with copies of the internal working drafts of the "Rosemont Copper Project Draft Environmental Impact Statement" and "Rosemont Copper Project Final Environmental Impact Statement" for review prior to printing of such for public distribution, and negotiate a reasonable amount of time for review.
11. Ensure that contributions by the Air Force are considered and appropriately incorporated into the project.
12. Notify the Air Force of any public notices made by the Forest Service pertaining to the project.
13. Keep the Air Force apprised of the project schedule and provide an updated schedule as it becomes available.
14. Additional responsibilities of the Forest Service in cooperating specifically with the Air Force are contained in Attachment 1.

#### **E. COOPERATING AGENCY RESPONSIBILITIES**

The Air Force shall:

1. Perform duties of a cooperating agency under NEPA for the Rosemont Copper Project.

2. Participate only in those areas within its area of special expertise, unless otherwise invited by the Forest Service.
3. Provide the Forest Service with responses to data requests to the degree the data are reasonably available within time limits that will meet the project schedule.
4. Share with the Forest Service, data and other information within its area of special expertise that are or may be relevant to the development of the environmental impact statement.
5. Provide the Forest Service with copies of the existing and proposed laws, regulations, and policies within its area of special expertise that are or may be relevant to the project.
6. Explain the relationship of existing and proposed laws, regulations, and policies within its area of special expertise to the project.
7. Make a good faith effort to raise concerns about the project and offer solutions relative to its area of special expertise in a timely and specific manner.
8. Upon request, participate in government-to-government meetings and field reviews with the Forest Service, if feasible.
9. Review and provide written comments on internal working drafts of select portions, as deemed appropriate by the Forest Service, of the environmental impact statement, within a negotiated reasonable amount of time.
  - a. Review is to ensure technical accuracy and conformance with laws, regulations, and policies within Air Force's area of special expertise.
  - b. Review is to provide recommendations for improvement of reviewed internal working draft material where the materials are found to be incomplete, inadequate, or inaccurate.
10. Review and provide written comments on the internal working drafts of the "Rosemont Copper Project Draft Environmental Impact Statement" and "Rosemont Copper Project Final Environmental Impact Statement" prior to the Forest Service printing of such for public distribution, within a negotiated reasonable amount of time.
  - a. Review is to ensure technical accuracy and conformance with laws, regulations, and policies within Air Force's area of special expertise.
  - b. Review is to provide recommendations for improvement of reviewed internal working draft material where the materials are found to be incomplete, inadequate, or inaccurate.

11. Provide input to and/or review responses to the public comments received on the “Rosemont Copper Project Draft Environmental Impact Statement,” at the request of the Forest Service.
12. Proceed with work as expeditiously as possible to comply with the project schedule.
13. Provide the Forest Service with as much advance warning as possible should budgetary or program constraints prevent the Air Force from fulfilling its commitments identified in this MOU.
14. Make the Forest Service aware if, at any point in the process, its needs are not being met.
15. Additional responsibilities of the Air Force in cooperating with the Forest Service are contained in Attachment 2.

## **F. MUTUAL AGREEMENT AND UNDERSTANDING**

It is mutually agreed and understood by all parties that:

1. **JURISDICTIONS.** This MOU does not affect each agency’s jurisdictions that exist as a matter of law.
2. **LEAD AGENCY.** The Forest Service is the Lead Federal Agency, and has the authority through the Forest Supervisor to enter into this MOU.
3. **COOPERATING AGENCY.** Air Force’s participation in preparation of the environmental impact statement for the Rosemont Copper Project as a cooperating agency is appropriate because the 162<sup>nd</sup> Fighter Wing is the primary scheduling agency for VR-259, a Military Training Route (MTR) that lies directly over the Rosemont Copper Project. The 162<sup>nd</sup> Fighter Wing is the expert regarding the scheduling of MTR/VR-259, its annual utilization, and the restrictions and notes associated with this MTR on a daily basis for all users – both Military and General Aviation (GA). Additional information as to Air Force’s area of special expertise is contained in Attachment 3. Air Force has the authority through Colonel Gregory N. Stroud, Commander, 162<sup>nd</sup> Fighter Wing, to enter into this MOU.
4. **FREEDOM OF INFORMATION ACT (FOIA).** Internal working draft documents for development of the environmental impact statement will not be made available for review by individuals or entities other than the parties to this MOU, unless mutually agreed to in writing by the Forest Service and the Air Force. To allow full and frank discussion of preliminary analysis and recommendations, meetings to review such pre-decisional and deliberative documents will not be open to the public. Information furnished to the Forest Service under this instrument will become part of the Forest Service’s official record and subject to public release, except for information protected by specific exemptions identified in the Freedom of Information Act. Upon Forest Service release of

deliberative information or materials to the general public, Air Force may further disseminate the information or materials as meets its needs.

Potentially propriety information furnished to the Forest Service by Rosemont Copper Company, or its parent company Augusta Resource Corporation, may be protected from release under exemption #4 of the Freedom of Information Act.

5. **PARTICIPATION IN SIMILAR ACTIVITIES.** This instrument in no way restricts the Forest Service or the Air Force from participating in similar activities with other public or private agencies, organizations, and individuals. Parties may meet separately with any other cooperating agency.
6. **COMMENCEMENT/EXPIRATION/TERMINATION.** This MOU shall be effective upon the signature of the Forest Supervisor and the Air Force signing official, and shall remain in effect until public release of the "Rosemont Copper Project Final Environmental Impact Statement" by the Forest Service. This MOU may be extended or amended upon written request of either party and the subsequent written concurrence of the other. Either party may terminate this MOU following the delivery of a 60-day written notice to the other.

Consistent with information tracked by the Council on Environmental Quality, below are some reasons for terminating a cooperating agency agreement:

- Cooperating agency lacks special expertise and jurisdiction by law.
  - Cooperating agency lacks authority to enter into an agreement.
  - Cooperating agency lacks agreement with the Lead Agency (e.g.: unable to accept the scope of the analysis or the purpose and need for the proposed action; unable to accept responsibilities and/or milestones for analysis and documentation; unable to develop information/analysis of all reasonable alternatives; unable to prevent release of predecisional information; misrepresents the process or the findings presented in the analysis and documentation).
  - Cooperating agency lacks capacity (training or resources) to participate (e.g.: unable to participate during scoping and/or throughout the preparation of the analysis and documentation as necessary to meet process milestones; unable to identify significant issues, eliminate minor issues, identify issues previously studied, or identify conflicts with the objectives of regional, state, and local land use plans, policies, and controls in a timely manner; unable to assist in preparing portions of the review and analysis and to help resolve significant environmental issues in a timely manner; unable to provide resources to support scheduling and critical milestones).
7. **RESPONSIBILITIES OF PARTIES.** The Forest Service and the Air Force and their respective agencies and offices will oversee the activities set forth herein as individual roles and responsibilities and will utilize their own resources, including the expenditure

of funds, in pursuing these objectives. Each party will carry out its separate activities in a coordinated and mutually beneficial manner. While the parties agree to make reasonable efforts to resolve procedural and substantive disagreements, the Forest Service retains final responsibility for determining the content of the environmental impact statement and its related processes.

8. PRINCIPAL CONTACTS. The principal contacts for this instrument are:

***Forest Service  
Project Technical Contact***

Pete Schwab  
Forest Aviation Officer  
Coronado National Forest  
300 West Congress Street  
Tucson, Arizona 85701  
Phone: 520-388-8464 office  
FAX: 520-388-8476 fax  
E-Mail: pschwab@fs.fed.us

***Air Force  
Project Technical Contact***

LTC Mark L. Harting  
162<sup>nd</sup> FW Airspace Manager  
1660 East El Tigre Way  
Tucson, Arizona 85706-6086  
Phone: 520-295-7078  
FAX: 520-295-6766  
E-Mail:  
mark.harting@aztucs.ang.af.mil

***Forest Service  
Project Management Contact***

Teresa Ann Ciapusci  
Forest Service Project Manager  
Rosemont Copper Project  
Coronado National Forest  
300 West Congress Street  
Tucson, Arizona 85701  
Phone: 520-388-8350  
FAX: 520-388-8305  
E-Mail: tciapusci@fs.fed.us

***Air Force  
Project Management Contact***

LTC Mark L. Harting  
162FW Airspace Manager  
1660 East El Tigre Way  
Tucson, Arizona 85706-6086  
Phone: 520-295-7078  
FAX: 520-295-6766  
E-Mail:  
mark.harting@aztucs.ang.af.mil

***Forest Service  
Administrative Contact***

Grants and Agreements Specialist  
Coronado National Forest  
300 West Congress Street  
Tucson, Arizona 85701  
Phone: 520-388-8325  
FAX: 520-388-8331  
E-Mail: nnorris@fs.fed.us

***Air Force  
Administrative Contact***

LTC Mark L. Harting  
162FW Airspace Manager  
1660 E. El Tigre Way  
Tucson, Arizona 85706-6086  
Phone: 520-295-7078  
FAX: 520-295-6766  
E-Mail:  
mark.harting@aztucs.ang.af.mil



At its sole discretion, an above-named party may designate an alternate representative. Each agency's designated authorized representative is authorized to act in its behalf with respect to those matters contained in this MOU. Each agency may change the designation or its authorized representative upon oral notice given to the other, confirmed promptly by written notice.

Each agency may request that additional persons with special expertise attend meetings to present and discuss information. Such attendance must be requested and confirmed by the other party in writing prior to the meeting.

The Forest Service will be the main contact with the project proponent and its consultant(s) and sub-consultant(s) providing support to the project.

Air Force may communicate with the Forest Service's third-party environmental consultant, SWCA Environmental Consultants, only through the Forest Service's Project Management Contact representative or with specific written permission of the Forest Service Project Management Contact.

9. **NON-FUND OBLIGATING DOCUMENT.** Nothing in this MOU shall obligate either the Forest Service or Air Force to obligate or transfer any funds. Specific work projects or activities that involve the transfer of funds, services, or property among the various agencies and offices of the parties will require executions of separate agreements and be contingent upon the availability of appropriated funds. Such activities must be independently authorized by appropriate statutory authority. This MOU does not provide such authority. Negotiation, execution, and administration of each such agreement must comply with all applicable statutes and regulations.
10. **ESTABLISHMENT OF RESPONSIBILITY.** This MOU is not intended to, and does not create, any right, benefit, or trust responsibility, substantive or procedural, enforceable at law or equity, by a party against the United States, its agencies, its officers, or any person.
11. **AUTHORIZED REPRESENTATIVES.** By signature below, the cooperator certifies that individuals listed in this document as representatives of the cooperator are authorized to act in their respective areas for matters related to this agreement.

THE PARTIES HERETO have executed this instrument.

AIR FORCE

USDA FOREST SERVICE

Gregory N. Stroud      17 MAR 09      Jeanine A. Derby      3/27/09  
COLONEL                      DATE                      JEANINE A. DERBY                      DATE  
GREGORY N. STROUD

Commander, 162<sup>nd</sup> Fighter Wing

Forest Supervisor

The authority and format of this instrument  
has been reviewed and approved for  
signature.

Norene Norris      3/20/09  
NORENE NORIS                      DATE  
FS Agreements Coordinator

Attachment 1

Additional Forest Service Responsibilities for Cooperating with Air Force

>>>> NONE <<<<

**Attachment 2**

**Additional Air Force Responsibilities for Cooperating with Forest Service**

>>>> NONE <<<<

### **Attachment 3**

#### **Description of Air Force's Special Expertise**

The 162<sup>nd</sup> Fighter Wing Airspace Manager is to ensure a proactive management of 162<sup>nd</sup> Fighter Wing established airspace in accordance with I.A.W. AFI 13 – 201 and FAA Orders 7400.2 and 7610.4. Further, the Airspace Manager is to develop and coordinate agreements and procedures to support 162<sup>nd</sup> Fighter Wing flight operations in meeting both student syllabi and instructor continuation training requirements.

AFI 13-201 Air Force Airspace Management is the main regulation for the 162<sup>nd</sup> Fighter Wing airspace office. This guidance implements instruction identified in AFI 13-201, December 1, 2006, *AIRSPACE MANAGEMENT*. It specifies guidance and procedures for developing and processing special use airspace (SUA). It covers aeronautical matters governing the efficient planning, acquisition, use, and management of airspace required to support Air Force flight operations. It is designed to assist in preparation for the Command ORI and is not intended as the sole source of inspection material but should be used in conjunction with the applicable governing directives. Items pertaining to AFI 13-201 apply to Air National Guard (ANG) and AFRC gained units.

On June 2, 2007, the 162<sup>nd</sup> Fighter Wing was transferred title and management of VR-259 from the 355<sup>th</sup> Fighter Wing, Davis Monthan Air Force Base, Arizona. The 162<sup>nd</sup> Fighter Wing conducts annual aerial route surveys of VR-259, which is required by AFI 13 – 201. The Rosemont Copper Mine Project lies directly underneath VR-259 at point "E" Echo, which is an alternate VR entry control point.

The 162<sup>nd</sup> Fighter Wing also utilizes the following regulations:

- AFI 32 – 7061
- FAA Order 7610.4 – Special Military Operations
- FAA Order 7400.2 – Procedures for Handling Airspace Matters
- Order 7400.9 – Airspace Designations and Reporting Procedures
- Order 7400.8 – Special Use Airspace, Regulatory/Non-Regulatory Special Use Airspace Areas
- The National Environmental Policy Act of 1969 (NEPA)
- The 162<sup>nd</sup> Fighter Wing OOI 11 – 502 – Airspace Management and FAA Liaison