

**KIRKLAND HIGH QUALITY POZZOLAN MINING AND RECLAMATION PLAN  
BLM KICKOFF MEETING AND SITE VISIT  
MEETING NOTES**

**Date of Meeting:** May 24, 2017

**Time of Meeting:** 10:00-12:50

**Kirkland Mining Company Participants:**

Areta Zouvas, President

Al Burch, Project Manager

Brian Hampton

Cobey Hampton

Corina Wilson

Sharon and Gary Shafer, Church Elders (did not attend site visit)

**WestLand Resources Participants:**

Amanda Best, Project Manager

Erik Christensen, Project Engineer

Margaret Blais, Environmental Specialist

**ADEQ Participants:**

Naveen Savarirayan, Supervisor, Inspections and Enforcement Unit

Steve Rose, Air Quality Inspector

**BLM Participants:**

Shelby Cave, Project Manager

Brian Buttazoni, Planner

Rem Hawes, Hassayampa Field Manager

James Holden, Range Management

Penny Foreman, Recreation/Visual

Ryan Randell, Land Law Examiner

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**Presentation and Meeting Highlights (10:15-10:45):**

Plan of Operations Status – The Draft Kirkland High Quality Pozzolan (HQP) Mining and Reclamation Plan (MRPO) was submitted to BLM on April 18, 2017; BLM provided comments and requests for additional information to KMC on May 17, 2017; KMC and WestLand will address BLM comments, revise the MRPO, and submit a revised Draft MRPO next week (week ending June 2).

NEPA Scope of Review - The scope of the NEPA evaluation will cover activities that support the proposed mining operation on BLM land and adjacent privately owned lands. The location of a secondary processing facility is still being evaluated and is currently not considered to be reasonably foreseeable.

Communication Protocols - A Draft Communication Plan has been submitted to BLM; Brian Buttazoni, BLM Planner, will review and provide comments. [Comments received from BLM via

email on May 26, 2017]

Cultural Resources - BLM cultural resource specialist, Chris McLaughlin, has reviewed the Class III Cultural Resources Survey report prepared by EPG, but has not provided KMC confirmation of his review or specific comments on cultural resource report.

Scoping –

- BLM plans to provide the public access to the Draft MRPO and BE during scoping.
- WestLand will prepare a mailing list for residents within a 1- to 2-mile buffer of the proposed action.
- BLM will provide a 30-day notice for law enforcement for the public open house.
- Upon confirmation of a planned open house date, KMC will schedule space at the Skull Valley Community Center for the open house. Potential dates for this open house have been identified as July 10, 11 or 12.
- A conference call will be held between BLM, KMC, and WestLand next week to further discuss scoping (this has since been scheduled by BLM for June 1 at 1:00 pm).

**Site Visit Notes and Further Discussion (11:00-12:50):**

Visual – KMC is located within a Visual Resource Management (VRM) Class II and Visual Resource Inventory (VRI) Class IV area. Class II designation limits the amount of allowable changes to visual resources. This land is allotted for disposal by BLM. BLM Planner, Brian Buttazoni, recommended that WestLand provide a visual simulation for the planned Public Open House that provides a view of the ridgeline immediately west of the proposed mine footprint from Iron Springs Road. This simulation will provide the public with an understanding of the visual impacts associated with the mine from Iron Springs Road. Brian Buttazoni also recommended considering the visual impacts from Wilhoit, approximately 5 miles east of the proposed Mine Site. Penny Foreman, Recreation/Visual Resource specialist indicated that due to the distance from the proposed action, a simple qualitative assessment of potential impacts from Wilhoit would likely be sufficient.

Air Quality – KMC staff provided ADEQ with an overview of the proposed mining operation and mining history for the site. ADEQ asked for confirmation that covered trucks would be used when transporting mined HQP. ADEQ also asked for confirmation that vegetation clearing would be kept to a minimum for mined areas to reduce dust and that water would be used for dust abatement on mine roads.

Socioeconomic – The analysis of the proposed action's effect on socioeconomic resources will use U.S. Census Bureau data for Yavapai County; the anticipated work force required for the proposed action during peak mining operations will be provided in the EA.

Public Safety – BLM requested verification in the MRPO that fencing would be installed around the pit for public safety.

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Grazing - KMC will work with Patsy Chamberlain, the grazing lessee on BLM land, to ensure the safety of her livestock.

Recreation/Land Use – There is no travel management plan for the area. There is some dispersed recreational uses in the form of ATV use. Access is gained for this use mainly from Copper Basin Wash. BLM confirmed that there are no existing right-of-ways (ROW) within the proposed action area. Fencing will be installed and signage posted to deter access to the mining operations.

Geology/Soils – The mining operation will include the stockpile removal and mining of Capital Lode Claims 1 through 8. KMC will not mine within the basalt capped area in northern portions of the Site. Al Burch is will be preparing a more detailed geological map of the site.

Wildlife/Vegetation – Effects on migratory birds and Arizona State Species of Concern will be analyzed in EA. Fencing that will be installed around the mine is a Best Management Practice (BMP) that will minimize potential impacts to wildlife. BMPs will be provided for the prevention of the spread of invasive and noxious weeds.

Cultural Resources – BLM archaeologist, Chris McLaughlin, will conduct a separate site visit. BLM anticipates that it will concur with EPG's determination of site eligibility for site AZ N:10:49, which is within the mine footprint. However, BLM's final determination awaits completion of the review by the BLM archeologist. If the BLM concurs, a Historic Properties Treatment Plan and memorandum of Agreement (MOA) will be required for Section 106 consultation with the State Historic Preservation Office (SHPO) and interested tribes.

Cultural survey will be conducted within KMC-owned parcels where mining related activities would be conducted as part of the proposed action. BLM suggested having the report combined with the cultural report for the larger mine site.

Access and Transportation: KMC will contact ADOT and Yavapai County to determine and document what would be required for ingress and egress from Irons Springs Road. Public access to the Mine Area will be controlled by a gate. The gate will be locked after working hours. Traffic and no trespassing signs will also be affixed to the gate consistent with requirements of the Arizona State Mine Inspector.

#### **ACTION ITEMS:**

- WestLand will provide meeting notes
  - KMC and WestLand will revise the Draft MRPO and respond to BLM Comments next week (week ending June 2)
  - BLM will confirm that the Class III Cultural Resources Survey has been reviewed and that BLM is in concurrence with its findings
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- BLM, KMC, and WestLand will have a conference call next week to follow up on Scoping action items
- KMC and WestLand will provide contact information for the scoping mailing list
- BLM will review and provide comment on the draft Communication Plan submitted by WestLand (comments were received from BLM on May 26)

**ATTACHMENTS:**

- Sign-in Sheet
  - Overview of the Kirkland High Quality Pozzolan Mine Mining and Reclamation Plan of Operations (PowerPoint [cultural resource information redacted])
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