

## Meeting Summary

Project No.: 09-0040.002  
Project: **Madrid Mining Landscape Project**  
Date: October 13, 2010  
Place: Madrid Fire Station

Attending: See attached list  
By: Ken Romig

Copies To: Parties Present, file  
Issue Date: October 21, 2010

Tim Karpoff kicked off the meeting with an overview of the efforts of the planning project to date and the purpose of the meeting. The purpose was to present and get feedback on the draft community planning framework that is to result in a draft plan by the holidays. Attendees introduced themselves

Doug Romig gave an overview of the technical aspects of the plan. Doug described the projects' approach to restore watershed function that also protects property and provides public safety. Upland steep slopes have been destabilized (gob, lower plant cover, altered drainage patterns due to roads) leading to increased runoff. Upland areas need to be treated first as they will affect the volume of water in the channels downstream. Mid watershed goals are to capture water in smaller storm event to support vegetation and safely convey water during large event. Floodplain restoration would be to address the narrow floodplain, entrenchment, shortened channel. Stabilize floodplain would lengthen the channel and slow water which can also recharge groundwater.

Ken Romig addressed the specifics regarding project #1, the East Slope Catchment Project. Ken mentioned that the materials from previous meeting are on-line at [www.madridmininglandscape.org](http://www.madridmininglandscape.org) and the materials being presented at this meeting are further elaborations and detailing of proposed solutions to erosion, sedimentation, watershed naturalization and stormwater protection. The plan will also address the costs of maintenance and operations of different drainage solutions such as concrete vs. rock-lined channels, or drop inlets and storm drain piping.

Discussion: Steve Shepard asked about the possibility of AML paying for cisterns. AML can convey the water to a collection point, but not necessarily pay for a cistern.

Doug discussed Project #2 the Arroyo Restoration. From historical documents, it is estimated that mining and road development has shortened the Madrid arroyo over 300 feet. Doug thought this was a conservative estimate and that more of the native channel was impacted by the railroad grade and the gob around the Jones Tipple. Doug drew a diagram to illustrate that shortening the channel means that the channel becomes steeper and increase sediment transport -- the severe channel entrenchment near the Davis' clinker pile is probably a result of channel shortening. Doug described a healthy ephemeral floodplain would be 30-50 feet wide with a active channel about 10 feet wide moving within the floodplain. The arroyo restoration project would add sinuosity to the channel and expand the floodplain, therefore slowing down the water to allow for more infiltration and potentially recharge groundwater.

Discussion: If a project occurs in the arroyo it should be noted that a fire line and water lines cross the arroyo and are under the railroad grade.

Renee Euler discussed the timeline for project implementation. The timeline included environmental assessments, archaeological clearances and a short discussion about permitting issues with the county.

Discussion: The planning group met with the County Technical Review Team and was informed that the permitting procedures will be stringent and the team must adhere to the codes. The planning team will be presenting to Santa Fe County Commission in November and Madrilians want to show

support and want to know when the meeting may occur so they can be there. County representatives suggested that Madrid and the planning team enlist a champion on the commission. A champion can often assist in efforts to get a project heard and through the appropriate channels smoothly. Everyone expressed an interest in getting Commissioner Anaya engaged. Discussion of the project with commissioners should concentrate on the issues of public safety and protecting public property. Will talked to the community involvement aspects of the plan which may include artisans and volunteers in the design of infrastructure, the planting of trees and plant material. Lori Lindsey is in favor of incorporation of artwork and an art theme into the project. Also discussed was the need for periodic updates by subconsultants to the community.

### Discussion

Madrid residents mentioned that there are other issues related to mining, that there is more to do than this plan. Discussed subjects were coal dust, water supply and quality.

The county asked who is going to represent the community. Santa Fe CPO?, Overarching group, not 5 civic groups, or project-specific group?

What about the red dog piles? Are you going to treat them? The gob piles are generally thought of as assets and defining characteristics of Madrid. However, there may stabilization techniques used on gob piles that are significant contributors to stormwater problems.

County representatives asked that the planning team rectify the historic district boundary the county has on hand with the one illustrated in the plans. Ken said he will address this problem.

Dale Edwards mentioned that a larger area than shown was impacted by mining. The town of Madrid would not be there without the mining and towns' design would not be what it is without mining. Dale mentioned the west side and its drainage difficulties. Would AML consider improvements to the west side?

John Kretzmann, Director of AML, stated that within the context of arroyo restoration (Use the same term throughout), the west side drainage situation could be addressed.

Stephanie asked that the plan not cover up history – mining made this town and it is the reason many love Madrid. However, Doug mentioned that when reclamation is successful, the gob piles may become less obvious.

*This report is assumed to be a true and accurate account of this communication unless notice to the contrary is received within 10 calendar days of issue.*

### **End of Minutes**