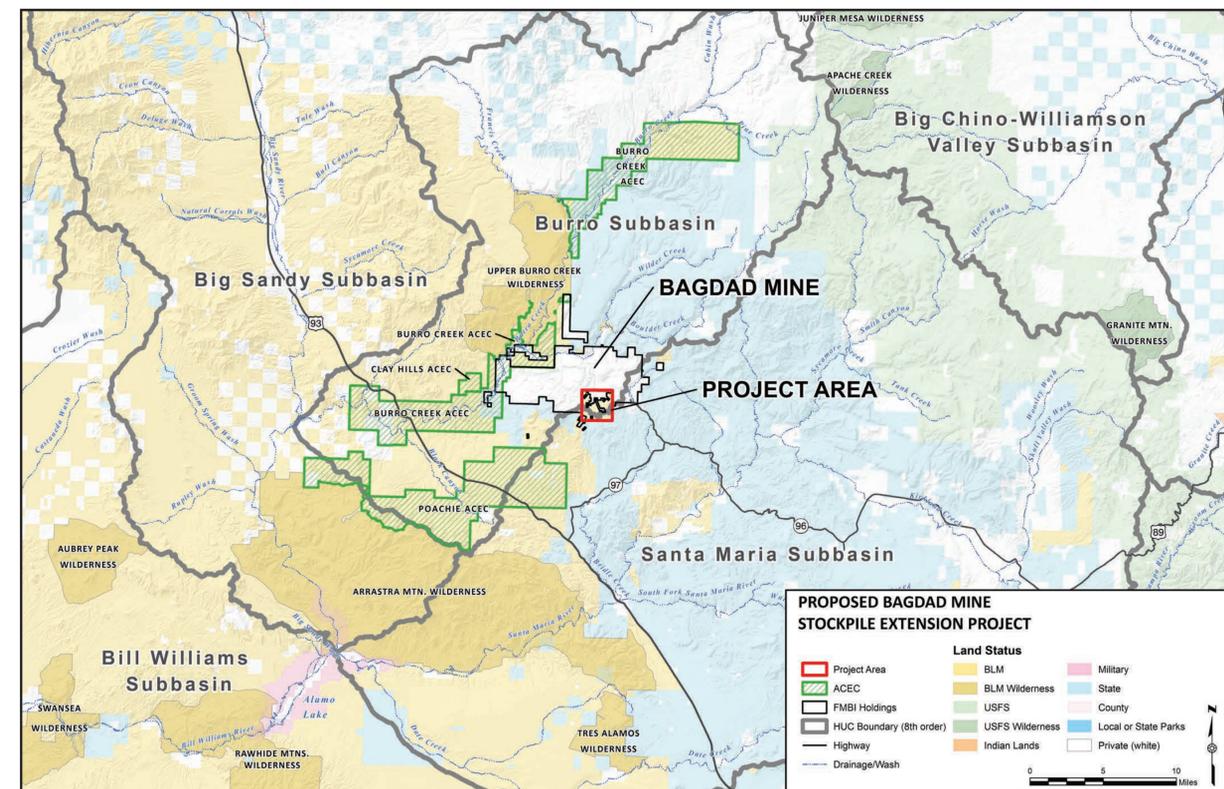


Water Resources

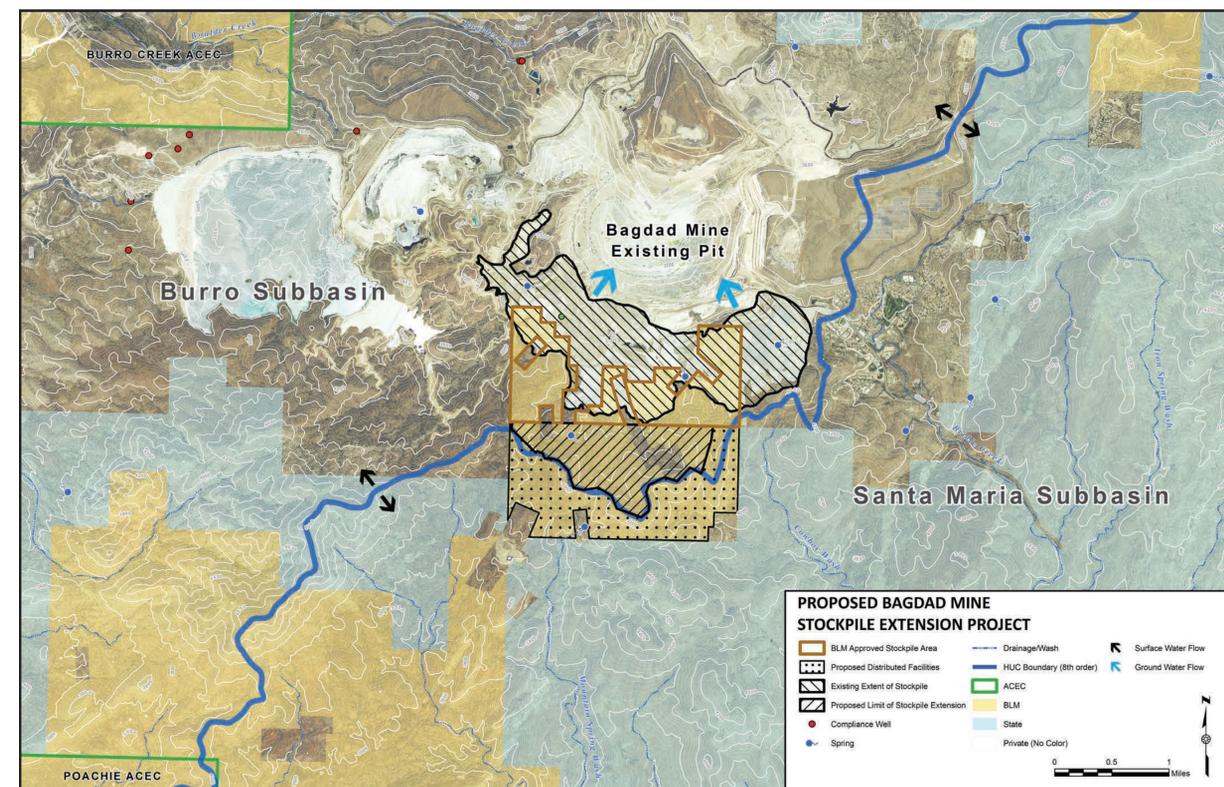
The BLM will evaluate impacts to water resources from the Proposed Action and alternatives.

- The proposed stockpile extension is located in the Burro Subbasin. Potential impacts to changes in the stream flow of Burro Creek will be evaluated.
- The southern boundary of the proposed stockpile extension generally corresponds to a drainage divide (ridgeline); stockpiled materials would not be placed south of this divide. Stormwater runoff from the stockpile extension would continue to be directed to the existing open pit to the north. There would be no discharge to downgradient surface waters from the proposed stockpile extension.
- The Bagdad Mine has a current, approved Arizona Aquifer Protection Permit (APP) for the monitoring and protection of groundwater quality. As part of the APP permit, the mine pit has been demonstrated to be hydrologically isolated, serving to capture potential pollutants to groundwater. The crystalline bedrock underlying the proposed stockpile extension has a restricted ability to transmit groundwater, and excavation of the open pit has created a cone of depression that draws groundwater toward the open pit.
- The proposed stockpile extension would not change the amount of water used by the existing Bagdad operations.

The BLM invites you to share your concerns about potential impacts on water resources that may result from the proposed action and how you think these impacts should be addressed.



Regional hydrology



Project area hydrology

Bagdad Mine Proposed Stockpile Extension Project

