

APPENDIX

Appendix A. Pre-existing Conditions

F. Infrastructure

1. Volcano Heights Water & Wastewater Overview

Volcano Heights is located in the 4W & 3WR Pressure Zones within the Volcano and Corrales Service Trunks. Currently, no water or sewer infrastructure exists within the majority of the Volcano Heights study area. Any water service to this area must come from developer-funded line extensions from the surrounding areas. [See **Exhibit A.41.**]

Volcano Heights is outside the existing service areas of the Albuquerque Bernalillo County Water Utility Authority (ABCWUA). As such, any development in the study area will require the execution of a development agreement between the property owners and the ABCWUA.

a. Pre-existing Conditions – Corrales Trunk Water System

- The area north of the study area has been designated as the Corrales Trunk service area. The Corrales Trunk corresponds to the former New Mexico Utility service area.
- Water sources within the Corrales Trunk all require arsenic treatment before the water can be used in the public water system.

b. Pre-existing Conditions – Volcano Trunk Water System

- The Volcano Trunk represents the northernmost water distribution system in the ABCWUA service area prior to the acquisition of New Mexico Utilities.

- Water sources within the Volcano Trunk require arsenic treatment before the water can be used in the public water system.
- Treated San Juan Chama water is used to supplement the water sources within the Volcano Trunk.

c. Pre-existing Conditions – Wastewater

- Wastewater generated within the old New Mexico Utilities (now Corrales Trunk) service area is metered and enters the existing ABCWUA system at several metering manholes located along the Paseo del Norte corridor. [See **Exhibit A.42.**]
- For planning purposes, all of the wastewater generated within the Volcano Heights study area will be contributory to the existing sewer line in Paseo del Norte.

2. Public Service Company of New Mexico

New lines are planned primarily to increase system reliability and serve new stations. New stations and lines are planned to serve load growth in developing areas. PNM has electric facilities within the Plan area as shown in **Exhibit A.43** on page starting on page A-39. There is an existing 115kV electric transmission line with an approximate right-of-way width of 100 feet on the western boundary of the Plan area, and ~~the a-new~~ Scenic Substation, ~~completed in 2013~~, called Scenic Substation is ~~located west of the Unser Boulevard/Rainbow Road NW intersection under development as of 2012~~. [See **Exhibit A.43.**] [14]