

West Valley Water District Local Groundwater Assistance Grant
ATTACHMENT 8. QUALITY ASSURANCE

The Groundwater Model Integration and Enhancement Project will be implemented at the same time as other perchlorate and VOC cleanup projects in the vicinity. In particular, a 160-acre parcel (the 160-acre area) located on the corner of West Casa Grande Drive and Locust Avenue in Rialto was previously identified by the U.S. Environmental Protection Agency (USEPA) as a Superfund site under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (USEPA 2009a). Cleanup activities at and near the 160-acre area are focusing on remediating the source of contamination.

CDPH 1997. *Policy Memo 97-005 Policy Guidance for Direct Domestic Use of Extremely Impaired Sources*. California Department of Public Health, November 1997.

NCP 1990. National Oil and Hazardous Substances Pollution Contingency Plan (NCP). 8 March 1990. 55 FR 8666. (Codified at 40 CFR 300.1-300.920)

USEPA 2009a. National Priorities List, Final Rule No. 47. 40 Code of Federal Regulations (CFR), Part 300.

NCP and CDPH Standards

The contaminated wells to be used by the District and Rialto are not part of the Superfund site; however, they are located downgradient of the 160-acre area (Figure 1). Therefore, the District and Rialto are implementing the Groundwater Model Integration and Enhancement Project in accordance with applicable requirements of Superfund, and regulations set forth in the National Contingency Plan (NCP) (NCP 1990). Concurrent with the NCP process, the District and Rialto will pursue from CDPH the required permit for restoring an impaired water source for use as public water supply, as directed in CDPH Policy Memo 97-005, *Policy Guidance for Direct Domestic Use of Extremely Impaired Sources* (CDPH 1997).

ASTM

The model calibration will be re-evaluated relative to American Society for Testing and Materials (ASTM) D 5981-96 (Standard Guide for Calibrating a Ground-Water Flow Model Application).

References

American Society for Testing and Materials. 1996. Standard Guide for Calibrating a Ground-Water Flow Model Application. D5981-96. Reapproved 2002.