

STEP 1 STATE THE PROBLEM

Past operations resulted in contamination at CSSA and previous investigations have documented the presence of volatile organic compounds (VOCs) in soil, groundwater, and rock; and metals in soils. The extents of these contaminants are not fully characterized at CSSA. This DQO document is focused on CSSA's groundwater monitoring program, well installations, sampling and analyses, recharge studies, and other associated activities.

1.1 Background

CSSA has identified three VOC source areas as sites that have contaminated groundwater. They are Solid Waste Management Units (SWMUs) B-3 and O-1, and Area of Concern (AOC)-65. Based on present knowledge, there are two groundwater VOC plumes, known as Plume 1 and 2. Current interpretations suggest Plume 1 is associated with SWMUs B-3 and O-1, and Plume 2's source is AOC-65. CSSA has identified VOCs at detectable levels in on- and off-post drinking water and monitoring wells. These levels are above and below the maximum contaminant levels (MCLs) for the VOCs of concern as discussed in Section 4. **Appendix B**, attached, presents a summary of historical detections presented by well for the short list of VOCs and metals through September 2005.

1.2 Planning Team

1.2.1 CSSA

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1.2.2 Air Force Center for Environmental Excellence

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1.2.3 Contractors

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1.2.4 Decision Makers

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