APPENDIX G

HAZARDOUS MATERIALS

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Hazardous Materials

The following EPA and ADEQ documents and lists were reviewed for this study with the study area extending one-half mile in any direction from the central portion of alternatives 1 and 2 and within one-quarter mile in any direction from the central portion of Alternative 3.

Table G-1
Regulatory Database Review

Type of Database	Description of Database	Number of Sites Identified Alternatives 1 and 2/ Alternative 3
Federal Databases		
NPL	The National Priorities List (NPL) identifies uncontrolled or abandoned hazardous waste sites. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a state's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost-effective than removal action. Revision Date – February 2006	1/0
CERCLIS	The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment. Revision Date – February 2006	1/0
CERC-NFRAP	CERCLIS - No Further Remedial Action Planned sites are those that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at the site has been completed and that EPA has determined that no further steps would be taken to list this site on the NPL. Revision Date – February 2006	2/0
RCRA TSDs	EPA's identifies and tracks hazardous waste from the point of generation to the point of disposal. The Resource Conservation and Recovery Information System Treatment, Storage, Disposal (TSD) Facilities List is a compilation by EPA of reporting facilities that generate, transport, store, treat, or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) but are not undergoing any "corrective action." Revision Date – October 2005	0/1
CORRACTS	RCRA TSD facilities ordered to implement corrective actions. A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA TSD facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA. Revision Date – March 2006	0/1

Type of Database	Description of Database	Number of Sites Identified Alternatives 1 and 2/ Alternative 3
RCRA Generators	RCRA-regulated hazardous waste generator notifiers list; both Large and Small Quantity Generators are included in this list. (LQG – Large Quantity Generator, SQG – Small Quantity Generator) Revision Date – February 2006	3 LQGs and 24 SQGs/ 0 LQGs and 6 SQGs
ERNS	EPA's Emergency Response Notification System (ERNS) list contains reported spill records of oil and hazardous substances. Revision Date – December 2005	1/1
DOD	The Department of Defense dataset includes sites that are federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands. Revision Date – December 2004	1/1
Arizona State Databases		
SPL/WQARF	A Water Quality Assurance Revolving Fund (WQARF) area (referred to as a State Priority List site by EDR), which is also referred to as a state Superfund area, is a region designated by ADEQ for further investigation regarding environmental concerns. This designation typically is based on known areas of groundwater contamination, or past or present land uses that have been known to use and discharge chemicals that can contaminate groundwater. Revision Date – October 2005	0/0
SCL/SHWS	The Arizona CERCLIS Information Data System List (State CERCLIS equivalent) has been used by the ADEQ Superfund Programs Section for the past decade in tracking real and potential WQARF sites and other cases of interest to the Superfund Programs Section. However, according to ADEQ, the listing of properties on the ACIDS list (referred to as the State Hazardous Waste Sites [SHWS] by EDR) is not an indication of liability or potential liability. Many of the properties on this list have no present involvement in WQARF or federal Superfund but initially were included on the list during preliminary assessment of various study areas. Revision Date – January 2000	3/1
SWLF	State inventory of solid waste disposal and landfill sites. Revision Date – May 2004	1/3
LUST	List of information pertaining to all reported leaking underground storage tanks (USTs). Revision Date – May 2005	9/1
UST	State underground storage tank sites listing. The State of Arizona requires that owners of most USTs register their USTs with ADEQ. Revision Date – May 2005	23/4
AST	State above ground storage tanks sites are permitted by the Department of Building and Fire Safety. Revision Date – December 2000	4/0
Drywells	State drywell registration list. Drywells typically are constructed on commercially developed properties to collect rainwater surface runoff, and therefore have the potential to introduce contaminants into the subsurface. Revision Date – August 2005	43/7

Type of Database	Description of Database	Number of Sites Identified Alternatives 1 and 2/ Alternative 3
AUL	A DEUR (previously VEMUR) is a restrictive use covenant which accompanies the title to the land. It is required by ADEQ when a property owner elects to 1) remediate contamination found on the property to a non-residential use level, or when 2) an institutional or engineering control remains as a means to meet remediation goals. Revision Date – April 2006	2/0
AZ Spills	The Hazardous Materials Logbook records chemical spills and incidents referred to the Emergency Response Unit. Revision Date – June 2001	16/2
Unmapped Sites	Sites that have not been plotted on a map, based on lack of sufficient data regarding their exact location within the general area.	183/115