***Site Characterization Report***

**alternately: *Site Characterization Report and Remediation Completion Report***

**Site Name**

**Site Address**

**VRP Site Code: XXXXX-XX**

**Month Day, Year**

**Prepared by:**

**Contractor Name**

**Contractor Address**

**City, State, Zip Code**

**Prepared for:**

**Volunteer Name**

**Volunteer Address**

**City, State, Zip Code**

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**Figure X**: Site Map (to scale)

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**Figure X**:

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# Acronyms and Abbreviations

**(VRP NOTE: Use those applicable; Remove those not applicable; Add as appropriate.)**

A.A.C. Arizona Administrative Code

ABA acid-base accounting

ABP acid-base potential

ADEQ Arizona Department of Environmental Quality

ADHS Arizona Department of Health Services

ADOT Arizona Department of Transportation

ADWR Arizona Department of Water Resources

AGP acid generation potential

amsl above mean sea level

ANP acid neutralization potential

A.R.S. Arizona Revised Statutes

AWQS Aquifer Water Quality Standards

bgs below ground surface

BTEX benzene, toluene, ethylbenzene, total xylenes

CD compact disc

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CFR Code of Federal Regulations

cis-1,2-DCE cis-1,2-dichloroethene**/**cis-1.2-dichloroethylene

COC contaminant of concern

DCA dichloroethane

DEUR Declaration of Environmental Use Restriction

DNAPL dense non-aqueous phase liquid

DO dissolved oxygen

ERA Ecological Risk Assessment

°F degrees Fahrenheit

FSP *Field Sampling Plan*

GPL Groundwater Protection Level

gpm gallon per minute

GPR ground penetrating radar

HASP *Health and Safety Plan*

HSA hollow stem auger

IDW investigation derived waste

LNAPL light non-aqueous phase liquid

MCLs maximum contaminant levels

μg/L microgram per liter

mg/kg milligrams per kilogram

MW monitoring well

ND non-detect

nrSRLs non-residential Soil Remediation Level(s)

ORP oxidation-reduction potential

PA Preliminary Assessment

PCB polychlorinated biphenyl

PCE tetrachloroethene**/**tetrachloroethylene; or perchloroethene**/**perchloroethylene

PDB passive diffusion bag

ppb parts per billion

ppm parts per million

PVC polyvinyl chloride

QA quality assurance

QA/QC quality assurance/quality control

QAPP *Quality Assurance Project Plan*

QC quality control

RCRA Resource Conservation and Recovery Act

rSRL residential Soil Remediation Level(s)

SI Site Inspection

SPLP synthetic precipitation leaching procedure

SRL(s) Soil Remediation Level(s)

ss-SRL(s) site-specific Soil Remediation Level(s)

STLC soluble threshold limits concentrations

SWQS Surface Water Quality Standards

TCE trichloroethene**/**trichloroethylene

TCL target compound list

TCLP toxicity characteristic leaching procedure

TIC tentatively identified compound

TSDF treatment storage and disposal facility

U.S.C. United States Code (Laws/Statutes)

USEPA United States Environmental Protection Agency

USGS United States Geologic Survey

UST underground storage tank

VOC volatile organic compound

VRP Voluntary Remediation Program

WWTP wastewater treatment plant

XRF x-ray fluorescence

# Executive Summary

**(VRP Note: Insert short report summary in this box; Do not exceed one page.)**

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## Surrounding Land Use and Populations

## Contaminants of Concern

## Impacted Media

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(**Delete non-applicable regulatory standards/rows from table. Delete this red text**.)

| **Regulatory Level** | **Regulatory Citation** |
| --- | --- |
| Residential Soil Remediation Levels (rSRLs) | A.A.C. R18-7-203; R18-7-205;  A.A.C. Title 18, Chapter 7, Appendix A |
| Non-Residential Soil Remediation Levels (nrSRLs) | A.A.C. R18-7-203; R18-7-205;  A.A.C. Title 18, Chapter 7, Appendix A |
| Site-Specific Soil Remediation Levels (ss-SRLs) | A.A.C. R18-7-203; R18-7-206 |
| Background Soil Levels | A.A.C. R18-7-203; R18-7-204; |
| Groundwater Protection Levels (GPLs) | A.A.C. R18-7-203(B)(1); ADEQ GPL Guidance: <http://www.azdeq.gov/environ/waste/sps/> |
| Numeric/Narrative Surface Water Quality Standards (SWQS) | A.A.C. R18-11-108; R18-11-406;  A.A.C. Title 18, Chapter 11, Appendices A & B |
| Numeric/Narrative Aquifer Water Quality Standards (AWQS) | A.A.C. R18-11-405; R18-11-406 |

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