List of Acronyms

1, 2-DCA 1, 2-dichloroethane 1, 1-DCE 1, 1-dichloroethene

ADEQ Arizona Department of Environmental Quality

ADHS Arizona Department of Health Services
ADWR Arizona Department of Water Resources

AL Alluvium

AMEC Environmental & Infrastructure

A.R.S. Arizona Revised Statutes

ART Advanced Remediation Technologies

ARAR Applicable or Relevant or Appropriate Review

AS Air Sparge

ASRAC Arizona Superfund Response Action Contract

AWQS Aquifer Water Quality Standards

BTEX Benzene, Toluene, Ethylbenzene, and Xylene

CAB Community Advisory Board CAG Community Advisory Group

CERCLA Comprehensive Environmental Response, Compensation and

Liability Act

CG Competent Granite

CIA Community Involvement Area

CIC Community Involvement Coordinator

CIP Community Involvement Plan

cis-1,2, DCE cis-1,2-dichloroethene COC Contaminant of Concern

COPC Contaminant of Potential Concern

DCA Dichloroethane DCE Dichloroethylene

DEUR Declaration of Environmental Use Restriction

DG Decomposed Granite
DoD Department of Defense

EGTS Expanded Groundwater Treatment System

EPA Environmental Protection Agency

ERA Early Response Action

ESD Explanation of Significant Differences

ESI Expanded Site Inspection

EW Extraction Well
EX Well Extraction Well
FG Fractured Granite
FS Feasibility Study
FY Fiscal Year

GAC Granular Activated Carbon

GEC Geotechnical and Environmental Consultants, Inc.

GPLs Groundwater Protection Levels

GPM gallons per minute

GWSM Workplan Groundwater Sampling and Monitoring Workplan

HBGLs Health Based Guidance Levels HCM Hydrologic Conceptual Model

IGTS Interim Groundwater Treatment System

ICs Institutional Controls

IGA Intergovernmental Agreement IRA Interim Remedial Action

IRIS Integrated Risk Information System

LFR Levine-Fricke-Recon

MCL Maximum Contaminant Level

MEK Methyl Ethyl Ketone
mg/kg Milligrams per Kilogram
mg/L Milligram per Liter

MNA Monitored Natural Attenuation MTBE Methyl Tertiary Butyl Ether

MW Monitor Well

NPL National Priorities List
OPDC Old Payson Drycleaners
O & M Operation and Maintenance
PA Preliminary Assessment
P.E. Professional Engineer
PCB Polychlorinated Biphenyls

PCE Tetrachloroethylene, Tetrachloroethene, Perchloroethene

PLC Programmable Logic Controller

PC Personal Computer
ppb Parts per Billion
ppm Parts per Million

PRAP Proposed Remedial Action Plan
PRP Potentially Responsible Parties

PSR Periodic Site Review
PVC Polyvinyl Chloride
Qal Quaternary Alluvium
RA Remedial Action
RA Risk Assessment
RfD Reference Dose

RCRA Resource Conservation and Recovery Act

R.G. Registered Geologist
RI Remedial Investigation

RIHU Remedial Investigations Hydrology Unit

RO Remedial Objective ROD Record of Decision RPs Responsible Parties

SARA Superfund Amendments and Authorization Act SCADA Supervisory Control and Data Acquisition

SDWA Safe Drinking Water Act SRLs Soil Remediation Levels SRP Salt River Project
SVE Soil Vapor Extraction
TCA Trichloroethane

TCE Trichloroethylene, Trichloroethene

TOP Town of Payson

TPH Total Petroleum Hydrocarbon

trans-1,2-DCE trans-1,2-dichloroethene
TTHMs Total Trihalomethanes
µg/L Micrograms per liter

μg/m³ Micrograms per Cubic Meter of Air

URS URS Corporation

USGS United States Geological Survey USTs Underground Storage Tanks

VC Vinyl Chloride

VFD Variable Frequency Drives VOCs Volatile Organic Compounds

WQARF Water Quality Assurance Revolving Fund

WS Well Set

WT Western Technologies, Inc.