Miller Valley Road and Hillside Avenue
Water Quality Assurance Revolving Fund (WQARF) site
Community Involvement Plan

Groundwater monitoring well drilling and installation

March 2022

ADEQ Document No. EQR-22-05

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Disclaimer: All telephone numbers, email addresses, and contact names are subject to change after the date of this publication.

Introduction

CIP Purpose

The Arizona Department of Environmental Quality (ADEQ) is committed to involving communities in the Water Quality Assurance Revolving Fund (WQARF) site investigation and cleanup process.

The Miller Valley Road and Hillside Avenue WQARF site community involvement plan (CIP) describes how ADEQ will fulfill this commitment. ADEQ will regularly update this plan based on site-specific developments, public comments and community concerns. ADEQ welcomes community input on this CIP.

WQARF Process

The goal of the WQARF process is to clean up sites with groundwater and/or soil contamination, to protect human health and the environment. Created under the Environmental Quality Act of 1986, WQARF receives funding from legislative appropriations, cost recovery from responsible parties, and special fees.

The WQARF program identifies contaminated sites in significant need of remediation. WQARF Registry sites are assigned an Eligibility and Evaluation (E&E) score based on several factors, such as the nature and extent of contamination and the number of people who may be exposed to the contaminants. The E&E score does not necessarily mean that the site poses a direct risk to human health and/or the environment.

The WQARF process uses a step-by-step approach to thoroughly investigate contaminated sites. ADEQ uses data from the investigation to develop a site-specific cleanup strategy, also called the site's remedy.

The flowchart in Appendix A depicts each phase in the WQARF process. Refer to the glossary for definitions of each WQARF phase.

ADEQ Spokesperson Contact Information

The ADEQ designated spokesperson will act as liaison between ADEQ and the community. The spokesperson will provide notice of public meetings, plan Community Advisory Board meetings, and ensure that CIP requirements are followed. Contact information for the designated spokesperson for this WQARF site is below:

Community Involvement Coordinator ADEQ

1110 West Washington Street, 6th Floor
Phoenix, AZ 85007
602-292-0218 or 800-234-5677
Email: Boschert.Barbara@azdeq.gov
Fax: 602-771-4272

View Community Involvement Contacts Online:
http://www.azdeq.gov/WQARF

Site Information Repository

The Miller Valley Road and Hillside Avenue WQARF site information repository contains site-related documents, such as technical reports, public notices, and this CIP. ADEQ will continue to add site-related documents to the site information repository as they are completed. The site information repository is available online and in person:

Online:

azdeq.gov/miller-hillside-repository

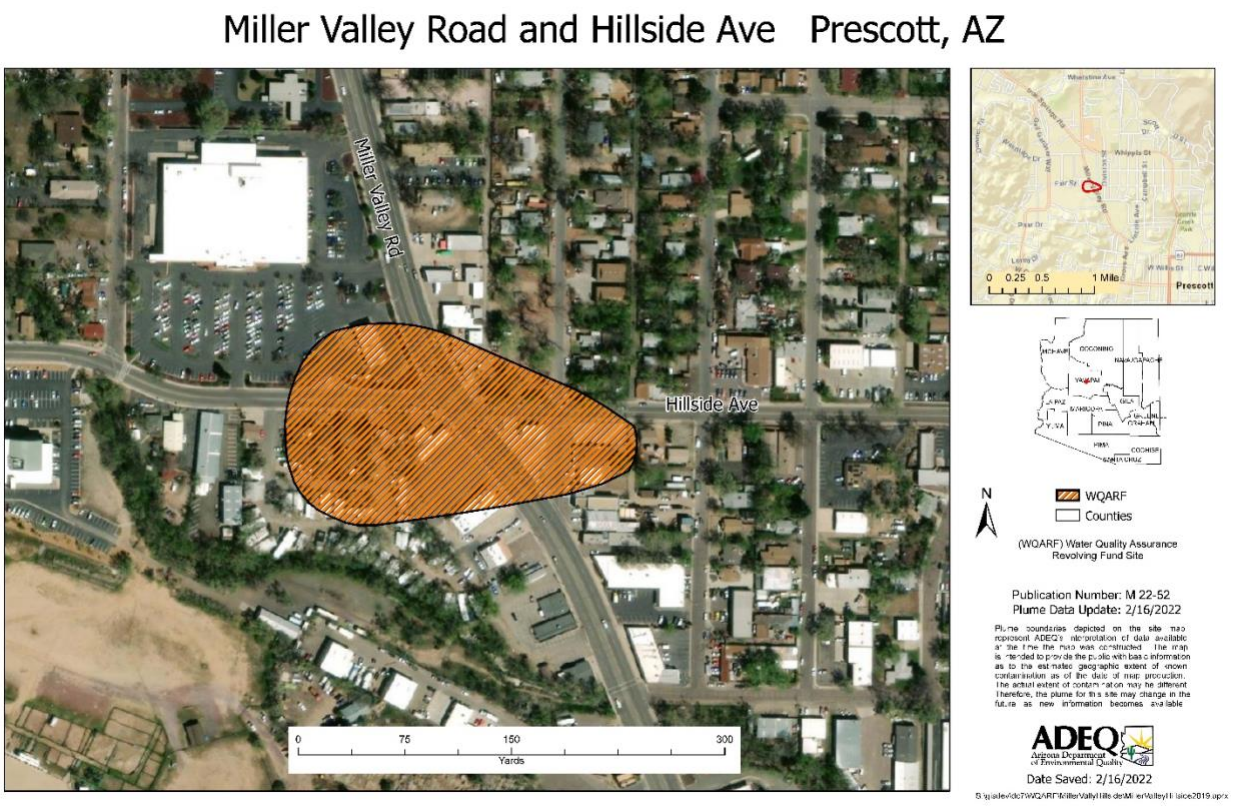
In Person
ADEQ Records Center
1110 West Washington Street
Phoenix, AZ 85007
602-771-4380 or 800-234-5677
(Please call to make an appointment)

To make alternative arrangements to review documents in person at a location nearest you, contact the ADEQ Community Involvement Coordinator.

Site Overview

The Miller Valley Road and Hillside Avenue WQARF Site is located in Prescott, Arizona. The site was placed on the WQARF Registry in December 2016, with an eligibility and evaluation (E&E) score of 40 out of a possible 120. The major factor leading to the score was the presence of volatile organic compounds (VOCs) in groundwater at levels exceeding Arizona Aquifer Water Quality Standards (AWQS).

The site investigation area is in Prescott, generally bound by the Merritt Avenue alignment to the north, Miller Creek to the south, Division Street to the east, and Miller Creek and Valley Street to the west. The following map shows the plume boundaries based on the most recent groundwater monitoring data.



A 2015 groundwater sampling event identified tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene in several wells within the Miller Valley Road and Hillside Avenue WQARF site. Concentrations of PCE exceeded the AWQS of 5 micrograms per liter (µg/L) in two private irrigation wells with results of 34.5 µg/L and 418 µg/L. A 2016 investigation of a property on the southeast corner of Miller Valley Road and Hillside Avenue found TCE above its AWQS of 5 µg/L. Records show as many as 65 privately owned wells within 1 mile downgradient of the

WQARF site. While the City of Prescott water supply wells are not located in this area or affected by this contamination, ADEQ is concerned that private wells may be impacted by groundwater contamination. ADEQ does not have jurisdiction over private wells in Arizona and cannot require private wells to be taken out of service, but ADEQ will share results of any sampling with well owners and use the data to assist in the ongoing investigation.

The site was added to the WQARF Registry in December 2016. In 2017 ADEQ began the Remedial Investigation (RI) to assess the extent of contamination and evaluate options to address the contamination. The Draft RI Report was issued in November 2019 and the Proposed Remedial Objectives Report was issued in February 2020. The Final RI Report and Feasibility Study Workplan were released in April, 2020.

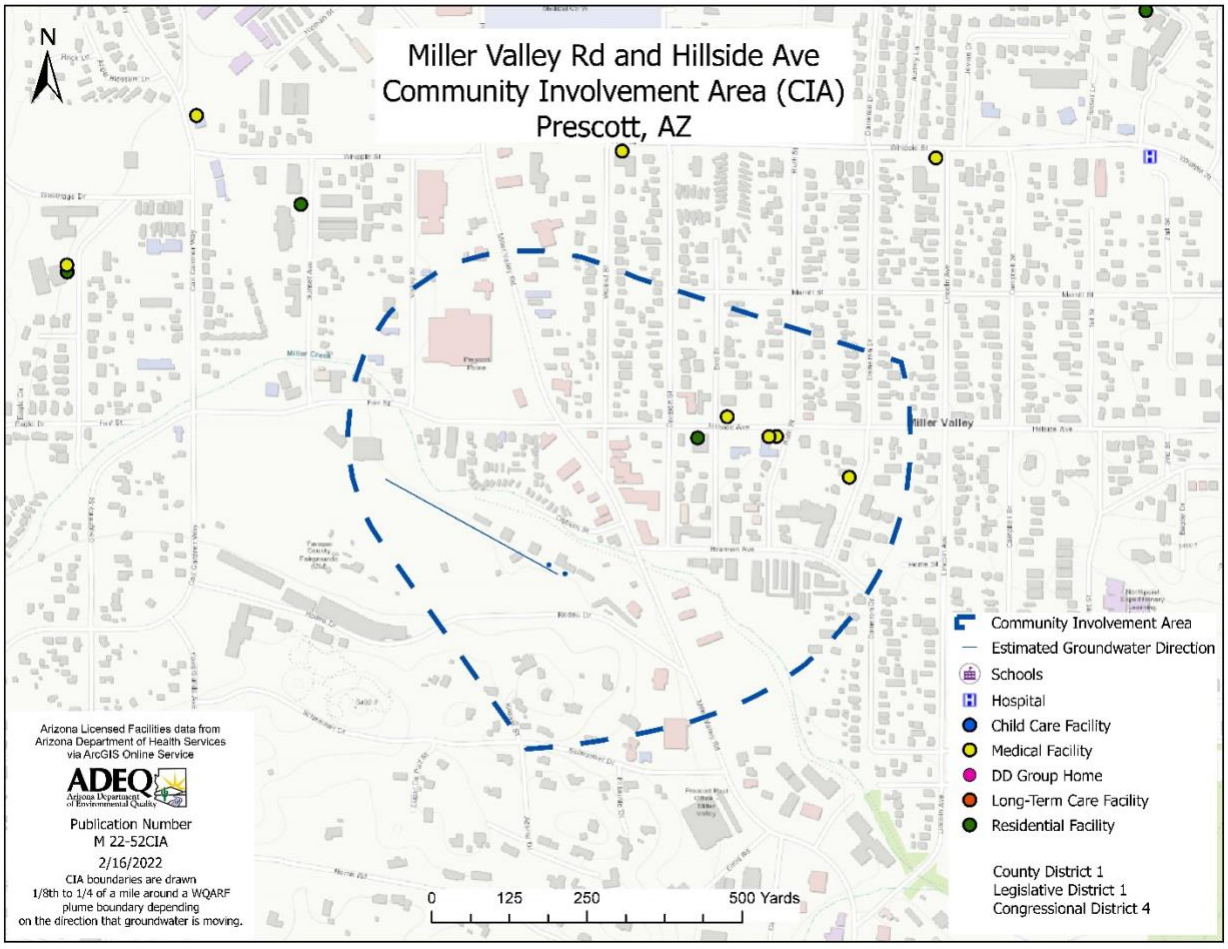
A full history of site activities is located in Appendix B.

Community Profile

Community Involvement Area (CIA)

The Miller Valley Road and Hillside Avenue WQARF site Community Involvement Area (CIA) designates a geographic area in which ADEQ will send mass mailings and focus its outreach efforts. CIA boundaries are determined based on site-specific characteristics such as the affected media (i.e., soil, surface water, or groundwater), groundwater flow direction, exposure routes, and proximity to residential areas and public facilities. The CIA may change as ADEQ collects more information.

The map below illustrates the 2022 CIA for the Miller Valley Road and Hillside Avenue WQARF site.



Community Demographics

Community demographics help ADEQ plan and implement community involvement activities. The following page displays key demographic information for the Miller Valley Road and Hillside Avenue WQARF site CIA.

The Prescott, AZ population in 2021 is approximately 45,827 people (as reported by census.gov). The CIA boundary for the Miller Valley Road and Hillside Avenue WQARF site is mostly located in zip code 86301, with a small portion extending into zip code 86305, and is estimated to contain approximately 170 households. The Miller Valley Road and Hillside Avenue WQARF site is located within the boundaries of Prescott and consists of a mixture of commercial businesses and residential neighborhoods.

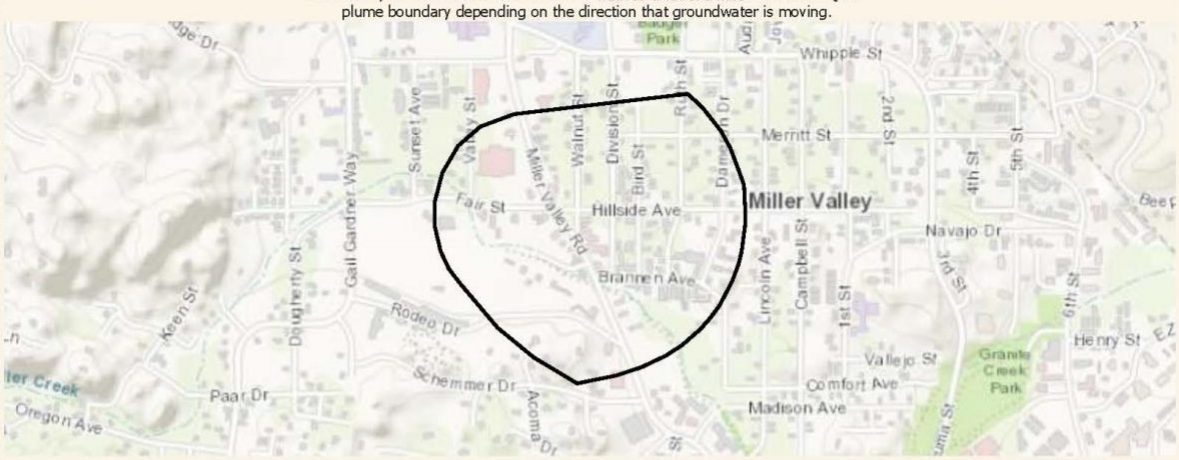
Residents identifying themselves as Hispanic or Latino within the Miller Valley Road and Hillside Avenue WQARF site CIA comprised 21.51% of the population, which is less than the 30.7% average Hispanic and Latino population for the State of Arizona.

ADEQ looks at the community as a whole, with an emphasis on the proportion of residents under age five or above age 65. These populations are considered more vulnerable to the potential health effects associated with exposure to environmental contamination.

For further demographic information regarding the CIA, please refer to the listing of neighborhood associations, community schools, and vulnerable population centers in Appendix C, and local and state elected officials in Appendix D.

MILLER VALLEY RD AND HILLSIDE AVE – PRESCOTT, AZ

Community Involvement Areas are drawn 1/8th to 1/4th of a mile around a WQARF plume boundary depending on the direction that groundwater is moving.



Population and Households 2020

451	170	2.48	38%	63%
Total Population	Total Households	Average Persons per Household	Owner Occupied	Renter Occupied

Vulnerable Population

5%	17%
Age 0-4	Age 65+

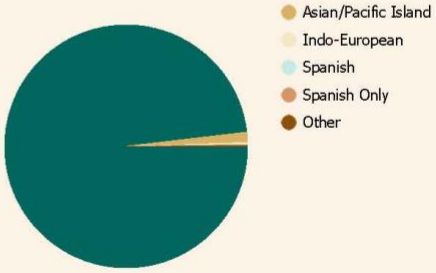
Race and Ethnicity

The largest group: White Alone (82.04)
The smallest group: Pacific Islander Alone (0.22)

Indicator ▲	Value	Diff
White Alone	82.04	+12.39
Black Alone	2	-2.86
American Indian/Alaska Native Alone	2.66	-1.92
Asian Alone	0.89	-2.73
Pacific Islander Alone	0.22	0
Other Race	8.65	-4.42
Two or More Races	3.55	-0.46
Hispanic Origin (Any Race)	21.51	-10.67

Bars show deviation from Arizona

Language Spoken Age 18-65



2020 Technology Access

85%	84%	44%	62%
Have a smartphone	Have access to Internet at home	Own any tablet	Household owns a computer

Source: U.S. Census Bureau, American Community Survey and data sources compiled by Esri ArcGIS Business Analyst Web App

Community Issues and Concerns

To better understand the community and its concerns, ADEQ conducted interviews with community members who live or work near the Miller Valley Road and Hillside Avenue WQARF site. ADEQ will use this community feedback to ensure that future outreach addresses community concerns and to determine effective communication methods. The following section summarizes common concerns related to the site and ADEQ outreach activities.

Summary of Community Issues

Community Concerns

Interviewees had the following questions/concerns about the site:

Site history:

- It seems too much money has been spent with no cleanup so far.

Community impacts:

- Why is cleanup taking so long?
- Concerns for liability by the City of Prescott for the contaminated local wells.

Environmental impacts:

- Will the contamination continue spreading?

Human health impacts:

- It seems private wells are contaminated and in use, and should be closed.
- Will the contamination affect drinking water wells?

Outreach Recommendations

Interviewees provided the following feedback and suggestions on current and future outreach pertaining to the Miller Valley Road and Hillside Avenue WQARF site:

Sharing site information:

- Share site information in residential water utility bills.
- Provide a presentation/update to the City Council.
- Host meetings within the project area, possibly at the Yavapai County administrative building, or the rodeo grounds.
- How can the City of Prescott help share site information?
- Share the project timeline with the City of Prescott.

- Email and the adeq.gov website are preferred methods of getting information about the site. Website updates should be dated and done on a regular basis.

Community Advisory Board (CAB) and public meetings:

- Keep trying to form a CAB for this site.

Community Involvement Action Plan

The Miller Valley Road and Hillside Avenue WQARF site Community Involvement Action Summary table describes the required community involvement activities for each WQARF phase and notes the date of completed activities. This summary is followed by a description of ADEQ communication techniques to share site information and implement required activities.

Community Involvement Action Summary - Required Activities

The following table describes the required community involvement actions for the Miller Valley Road and Hillside Avenue WQARF Site and notes which actions have been completed to date.

Community Involvement Action Summary				
WQARF Phase	**ADEQ Community Involvement Activity**	**Statute (A.R.S.) and Rule (A.A.C) References**	**Activity to Date**	**Complete**
Preliminary Investigation	Provide owners and operators a copy of the Draft WQARF Site Registry Report for a 15-day comment period prior to publishing a notice in a newspaper announcing the availability of the Draft WQARF Site Registry Report for a 30-day public comment period.	A.R.S. § 49-287.01(C) A.R.S. § 49-289.03(A)(1)	Mailing to owners and operators, Sept. 2015 Public notice and notice of comment period published in *The Daily Courier*, November 2016	✔
WQARF Registry Listing	Following the listing of a site on the WQARF Registry, ADEQ will: ● Establish a preliminary community involvement area (see Chapter 2, Section A) within 90 days of site listing on the WQARF Registry. ● Provide written notice to the community on hazardous substance contamination in the area, the actual and potential risks and routes of exposure, possible health effects, and the opportunity to join the site mailing list. ● Identify ADEQ personnel to contact for further information.	A.R.S. § 49-289.02	Notice to community and development of a Community Involvement Area, published in *The Daily Courier*, May 2017	✔
	Develop a Community Involvement Plan that establishes a Community Advisory Board, designates a spokesperson, provides for newsletters with current information about the status of remedial actions at the site, establishes a public document repository location, and provides for schedules of Community Advisory Board meetings and public meetings. Update the Community Involvement Plan at least every 2 years.	A.R.S. § 49-287.03(D) A.R.S. § 49-289.03(B) A.R.S. § 49-289.03(C) A.A.C. R18-16-404(C)(1)(i) A.A.C. R18-16-404(C)(1)(j) A.A.C. R18-16-404(C)(1)(k) A.A.C. R18-16-404(C)(1)(o)	Original Community Involvement Plan, June 2017 Updated Community Involvement Plan, Feb. 2020 Updated Community Involvement Plan, Feb. 2022	✔

Community Involvement Action Summary				
WQARF Phase	**ADEQ Community Involvement Activity**	**Statute (A.R.S.) and Rule (A.A.C) References**	**Activity to Date**	**Complete**
Early Response Action	A work plan shall be prepared for each Early Response Action that will include a description of work to be done, known site conditions, a plan for conducting the work; a description of community involvement activities for the Early Response Action under R18- 16-404; and a schedule. Community involvement activities may include development of a community involvement plan under A.A.C. R18-16-404(C) or community involvement activities appropriate to the scope and schedule of the work performed such as a general public notice to those who may be impacted by field work as indicated in A.A.C. R18-16-404(D)(2). If immediate action is necessary to address a current risk to public health or the environment, to protect a source of water, or to provide a supply of water, the work plan and written rationale may be prepared and the community involvement activities may be conducted after commencement of the Early Response Action.	A.A.C. R18-16-404 A.A.C. R18-16-405(D)(2) A.A.C. R-18-16-405(E) A.A.C. R18-16-405(G)		
Remedial Investigation	Provide notice to interested parties announcing the availability of the Remedial Investigation Scope of Work or Work Plan, Fact Sheet, and Community Involvement Plan outline for review and a 30-day public comment period. Provide notice indicating that any person by written agreement with ADEQ may develop and implement a work plan for the Remedial Investigation and Feasibility Study and solicit information regarding the current and future land and water uses at the site. These notices shall also provide an opportunity to request a public meeting.	A.R.S. § 49-287.03(B) A.R.S. § 49-287.03(C) A.A.C. R18-16-301(C) A.A.C. R18-16-403(F) A.A.C. R18-16-403(G) A.A.C. R18-16-404(C)(1)(a) A.A.C. R18-16-406(B) A.A.C. R18-16-406(D)	Notice to community published in The Daily Courier, May 2017	✔

Note: A potentially responsible party search is conducted concurrently with the Remedial Investigation and Feasibility Study, but does not have mandated community involvement activities.

Community Involvement Action Summary				
WQARF Phase	**ADEQ Community Involvement Activity**	**Statute (A.R.S.) and Rule (A.A.C) References**	**Activity to Date**	**Complete**
Remedial Investigation (continued)	Establish a selection committee to choose Community Advisory Board members for the site. The selection committee shall consist of the following number of people from each organization: ● ADEQ: 1 ● Potentially Responsible Party: 1 ● Local Official: 1 ● Community Member: 2	A.R.S. § 49-289.03(D)		
	Establish a Community Advisory Board of between 5 to 20 members that represent a diversified cross section of the community. Within 90 days of appointment by the Community Advisory Board selection committee, the Community Advisory Board shall elect co-chairpersons and develop a charter defining operating procedures, membership terms and obligations, goals for developing issues, concerns and opportunities related to quick cleanup of the site, and any other anticipated activities for identifying and improving the public's access and understanding of information regarding the remediation process at the site.	A.R.S. § 49-289.03(C) A.R.S. § 49-289.03 (E) A.R.S. § 49-289.03(F)	ADEQ has not yet received enough applications for form a Community Advisory Board.	
	Publish a combined public notice announcing the availability of the Draft Remedial Investigation Report for review and a minimum 30-day public comment period and the date of a public meeting to solicit Remedial Objectives for the site. The public meeting shall be held not less than 45 calendar days and not more than 90 calendar days after release of the Draft Remedial Investigation report, unless ADEQ sets a different date for good cause. The Draft Remedial Investigation Report should be provided to the Community Advisory Board, interested local government agencies, affected water providers and the Department of Water Resources.	A.A.C. R18-16-301(C) A.A.C. R18-16-404(C)(1)(b) A.A.C. R18-16-406(F) A.A.C. R18-16-406(I)(1) A.A.C. R18-16-406(I)(2)	Combined public notice published Nov. 2019 Public meeting held January 9, 2020 to solicit remedial objectives.	✔

Community Involvement Action Summary				
WQARF Phase	**ADEQ Community Involvement Activity**	**Statute (A.R.S.) and Rule (A.A.C) References**	**Activity to Date**	**Complete**
Remedial Investigation (continued)	Publish a public notice announcing the availability of the Proposed Remedial Objectives Report for a 30-day public comment period. Publish a public notice of the availability of the Final Remedial Investigation Report, which shall contain the results of site characterization and the final Remedial Objectives Report. The final Remedial Investigation report shall be accompanied by responsiveness summaries regarding comments, issues and concerns raised in the community involvement process and, if the report is prepared by a person other than ADEQ, copies of the comments received.	A.A.C. R18-16-301(C) A.A.C. R18-16-404(C)(1)(c) A.A.C. R18-16-406(I)(5) A.A.C. R18-16-406(J)	Proposed Remedial Objectives Report notice and public comment February 2020. Final Remedial Investigation Report notice April 2020.	✔
Feasibility Study	Provide notice to interested parties announcing the availability of the Feasibility Study Work Plan. Although not mandated, ADEQ will also provide public notice upon completion of the Feasibility Study.	A.A.C. R18-16-404(C)(1)(d) A.A.C. R18-16-407(B)	Feasibility Study Work Plan notice April 2020.	✔
Proposed Remedial Action Plan	Publish a public notice announcing the availability of the Proposed Remedial Action Plan for a 90-day public comment period. (If not combined, separate public notices will be provided for the Draft Remedial Investigation/comment period and the Remedial Objectives solicitation and public meeting.) Mail the same notice(s) to interested parties. The notice(s) will describe the proposed remedy and its estimated cost, and identify where the Proposed Remedial Action Plan, Remedial Investigation, and Feasibility Study Reports may be inspected.	A.R.S. § 49-287.04(B) A.R.S. § 49-289.03(A)(2) A.A.C. R18-16-301(C) A.A.C. R18-16-404(C)(1)(e) A.A.C. R18-16-408(A)		
Record of Decision	Publish a public notice announcing the availability of the Record of Decision and Responsiveness Summary for review.	A.R.S. § 49-287.04(G) A.A.C. R18-16-404(C)(1)(f) A.A.C. R18-16-410		

Community Involvement Action Summary				
WQARF Phase	**ADEQ Community Involvement Activity**	**Statute (A.R.S.) and Rule (A.A.C) References**	**Activity to Date**	**Complete**
Implementation of Remedy (Remedial Actions)	Publish a public notice announcing a request for ADEQ to approve remedial actions at the site. The notice will provide the opportunity for a 30-day public comment period.	A.A.C. R18-16-301(C) A.A.C. R18-16-404(C)(1)(h) A.A.C. R18-16-413		
	Provide notice to the public and interested parties of a request for ADEQ to waive a regulatory requirement (permit) to complete remedial actions.	A.R.S. § 49-290 A.A.C. R18-16-404(C)(1)(l)		
	Provide notice to the public that fieldwork conducted to remove contaminants of concern may result in noise, light, odor, dust, or other adverse impacts.	A.A.C. R18-16-404(C)(1)(m)	Provided as needed	✔
	Provide notice to the public of a request for ADEQ to determine whether each of the Remedial Objectives for a site have been satisfied and will continue to be satisfied. The notice will provide the opportunity for a 30-day public comment period on the request.	A.A.C. R18-16-301(C) A.A.C. R18-16-404(C)(1)(n) A.A.C. R18-16-4-16(B)		
Operation & Maintenance	Publish a public notice announcing the availability of the Operation & Maintenance Plan for review and a 30-day public comment period. Mail the same notice to interested parties.	A.A.C. R18-16-301(C) A.A.C. R18-16-404(C)(1)(g) A.A.C. R18-16-411(E)		
Removal from WQARF Registry	Although not mandated by Arizona Statute or administrative code, ADEQ may publish a public notice upon the removal of the site from the WQARF Registry.	Not Applicable		
Any Phase	Publish a public notice announcing a request to ADEQ for a prospective purchaser agreement with a 30-day public comment period.	A.R.S. § 49-289.03(A)(3) A.A.C. R18-16-301(C)		
	Publish a public notice announcing the intention of ADEQ to enter into a settlement agreement with a responsible party,	A.R.S. § 49-289.03(A)(4) A.A.C. R18-16-301(C)		

	and will have a 30-day public comment period.			

Community Involvement Techniques

This section describes the specific activities and resources that ADEQ uses to communicate and engage with stakeholders and community members near the Miller Valley Road and Hillside Avenue WQARF site.

ADEQ uses the following community involvement techniques:

1. Community Advisory Board (CAB): The CAB will advise ADEQ on appropriate means of delivering site information as well as provide input regarding content. CAB members will also serve as an information resource for their community. CAB meetings are open to the public and held at easily accessible locations. CAB meetings may also be held virtually if requested. ADEQ has not yet received enough applications to form a CAB for this site.

1. Local Print Media: ADEQ will publish all WQARF milestone public notices in the *The Daily Courier (*www.dcourier.com). The Arizona Newspaper Association maintains a database of all public notices published in major Arizona newspapers, http://www.publicnoticeads.com/az/). For a list of other media outlets, see Appendix G.

2. U.S. Mail and Email Lists: ADEQ created U.S. Mail and email address lists to share updates on the Miller Valley Road and Hillside Avenue WQARF site. Anyone can join the site mailing list by contacting the ADEQ Community Involvement Coordinator or registering on GovDelivery (public.govdelivery.com/accounts/AZDEQ/subscriber/new).

3. ADEQ Website – ADEQ's website provides visitors with three areas of information related to the site and is updated on an ongoing basis:
   - Notices Page: contains WQARF site public notices and announces comment periods (azdeq.gov/notices).
   - Events Page: includes information on WQARF site public meetings, including CAB meetings (www.azdeq.gov/events).
   - Site Information Page: provides detailed site information and links to the site information repository. (azdeq.gov/miller-hillside).

4. ADEQ Notice Board: Notices are displayed on boards located in ADEQ's Phoenix and Tucson offices.

5. Public Meetings: In addition to CAB meetings, ADEQ may schedule public meetings or open houses as needed or requested. Examples include meetings with neighborhood/homeowner's associations, schools, or other community groups.

6. Site Tours: The public may request site tours through the ADEQ Community Involvement Coordinator. Tours will be arranged in conjunction with the property owners and in compliance with current regulations.

ADEQ takes reasonable measures to provide access to community involvement activities to individuals with limited English proficiency and/or to those with disabilities. The community can request language interpretation, ASL interpretation, CART captioning services or disability accommodations through the ADEQ Title VI Nondiscrimination Coordinator (602-771-2228 or drago.leonard@azdeq.gov).

The following table of Communication Techniques illustrates how these techniques have and will be used throughout the WQARF process for the Miller Valley Road and Hillside Avenue WQARF site.

Communication Techniques							
Communications Deliverable			**Communications Recipients/Methods**				
Type	**Why**	**When**	**CAB Members**	**Interested Parties List**	**ADEQ Website**	**Local Print Media**	**ADEQ Notice Board**
Notice	Provide notice of availability of milestone documents, request comments, and solicit input.	Per mandate (See Community Involvement Action Summary table).	✓	✓	*(site and calendar pages)*	*(The Daily Courier)*	✓
CAB or Public Meeting Notice/Agenda	Provide two-way communication about the status of site activities. The notice announces the meeting and provides the agenda.	Variable schedule based on level of site activity as scheduled by CAB and ADEQ, with the exception of the required public meeting for the solicitation of remedial objectives (see Community Involvement Action Summary table).	✓	✓	*(site, calendar, and CAB history pages)*	Not Applicable	✓
Technical Presentation	Provide current information about site activity or related topics.	At CAB meetings or at specially requested public meetings.	✓	Not Applicable	*(information repository or site page)*	Not Applicable	Not Applicable
Technical Milestone Document	Provide current technical information about site investigation/remediation activities (e.g., Remedial Investigation, Feasibility Study, etc.)	According to the WQARF Process as documents are developed and become available.	✓	Not Applicable	*(online information repository)*	Not Applicable	Not Applicable
Site Fact Sheet/Newsletter	Provide current information about the site activity.	Published at the start of the Remedial Investigation and at specific milestones or other times as deemed	✓	✓	*(online information*		Not

		appropriate by ADEQ and the CAB.			*repository)*	Not Applicable	Applicable

Communication Techniques							
Communications Deliverable			**Communications Recipients/Methods**				
Type	**Why**	**When**	**CAB Members**	**Interested Parties List**	**ADEQ Website**	**Local Print Media**	**ADEQ Notice Board**
Public Meeting to solicit Remedial Objectives	Provide a forum to solicit Remedial Objectives. (Note that this meeting may be conducted in conjunction with a CAB meeting.)	After the release of the Draft Remedial Investigation Report.	✓	✓	*(site and calendar pages)*	*(The Daily Courier)*	✓
Public notice announcing a request to ADEQ for a prospective purchaser agreement	Provide notice of availability and request comments.	Per mandate (see Community Involvement Action Summary table).	✓	✓	*(online information repository)*	Newspaper of general circulation in Yavapai County	Not Applicable
Public notice announcing the intention of ADEQ to enter into a settlement agreement with a responsible party.	Provide notice of availability and request comments.	Per mandate (see Community Involvement Action Summary table).	✓	✓	*(online information repository)*	Newspaper of general circulation in Yavapai County	Not Applicable
Site Tour	Provide walking or driving	If requested, and with cooperation of					

	tours of the site to observe current site conditions and the surrounding community and environment.	current property owners.	Contact ADEQ Community Involvement Coordinator.

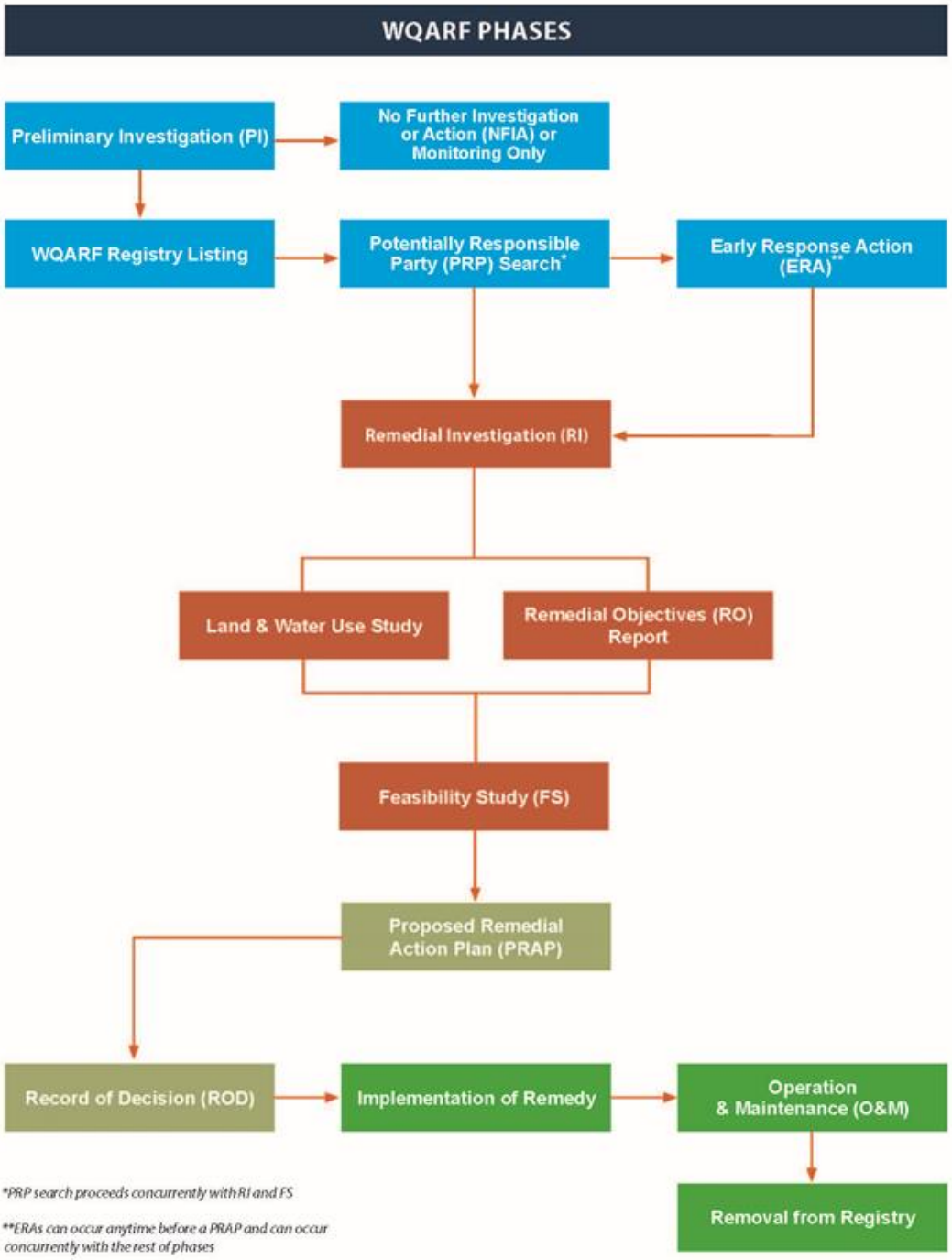
APPENDICES

The following appendices provide additional resources to support community involvement for the Miller Valley Road and Hillside Avenue WQARF site:

- Appendix A: WQARF Process Flowchart
- Appendix B: History of major activities by year at the Miller Valley Road and Hillside Avenue WQARF site
- Appendix C: Targeted communities in the Miller Valley Road and Hillside Avenue WQARF site CIA.
- Appendix D: Elected officials representing communities within the CIA
- Appendix E: Miller Valley Road and Hillside Avenue WQARF site CAB members
- Appendix F: Local media outlets in the area.
- Appendix G: Related state and local agencies
- Appendix H: Current and existing prospective purchaser agreements for property in and around the Miller Valley Road and Hillside Avenue WQARF site
- Appendix I: Current and existing consent decree settlements related to the Miller Valley Road and Hillside Avenue WQARF site

Appendix A

WQARF Process Chart


WQARF PHASES
Preliminary Investigation (PI)
No Further Investigation or Action (NFIA) or Monitoring Only
WQARF Registry Listing
Potentially Responsible Party (PRP) Search*
Early Response Action (ERA)**
Remedial Investigation (RI)
Land & Water Use Study
Remedial Objectives (RO) Report
Feasibility Study (FS)
Proposed Remedial Action Plan (PRAP)
Record of Decision (ROD)
Implementation of Remedy
Operation & Maintenance (O&M)
Removal from Registry
*PRP search proceeds concurrently with RI and FS
**ERAs can occur anytime before a PRAP and can occur concurrently with the rest of phases

Appendix B
Site History

2002 Tetrachloroethene (PCE) and trichloroethene (TCE) were reported above Arizona Aquifer Water Quality Standards (AWQS) at the WQARF site during a leaking underground storage tank (LUST) investigation on the southeast corner of Miller Valley Road and Hillside Avenue. The investigation ruled out the LUST as the source of PCE and TCE.

2005 A soil and groundwater investigation found releases of volatile organic compounds (VOCs) located west of Miller Valley Road on the north side of Fair Street, in the vicinity of two former dry cleaners. This site is the current location of a Fry's Food and Drug store. During site characterization activities, soil gas and groundwater with elevated VOCs were also found in the area of a current dry-cleaning facility, located west of Miller Valley Road on the south side of Fair Street.

Site investigations included passive soil gas surveys, shallow groundwater sampling, and private well sampling. The VOCs detected in groundwater samples included PCE, TCE, and *cis*-1,2-dichloroethene (*cis*-1,2-DCE). PCE and TCE were present in groundwater at levels that exceeded the AWQS of 5 micrograms per liter (µg/L). Shallow groundwater closest to the former dry-cleaning location was found to contain PCE with concentrations up to 17,000 µg/L. Two privately owned wells used for irrigation were found to contain PCE above the AWQS of 5 µg/L. PCE concentrations in these two wells were 21 µg/L and 270 µg/L, respectively.

2015 Groundwater sampling identified PCE, TCE, and *cis*-1,2-DCE in several wells at the WQARF site. PCE concentrations in two private wells sampled in 2005 were found to have increased between 2005 and 2015.

2016 The Miller Valley Road and Hillside Avenue site was placed on the WQARF Registry on December 12, with an E&E score of 40 out of 120. An investigation of a property on the southeast corner of Miller Valley Road and Hillside Ave found TCE above the AWQS of 5 µg/L.

2017-2018 ADEQ began the RI to assess the extent of contamination and evaluate options to address the contamination. ADEQ sampled private wells and installed 23 monitoring wells to delineate the contaminated area. ADEQ also collected soil- gas samples and indoor air samples to evaluate for potential vapor intrusion from the contaminants.

2019 ADEQ issued the Draft RI Report in November.

2020 The Final RI Report and Feasibility Study Work Plan were released in April 2020.

2021 ADEQ conducted pilot testing and began preparing the FS report.

Appendix C
Targeted Communities

Neighborhood Associations

There are no neighborhood associations within the Miller Valley Road and Hillside Avenue WQARF site Community Involvement Area (CIA).

Schools

There are no community schools within the Miller Valley Road and Hillside Avenue WQARF site CIA.

Vulnerable Population Centers

ADEQ considers day cares, senior living homes, and some medical facilities as vulnerable population centers due to the age of clients served. Children under age five and adults above age 65 are considered more vulnerable to the potential health effects associated with exposure to environmental contamination.

Margaret T. Morris Center (928) 445-6633
878 Sunset Ave., Prescott, AZ 8630
adultcareservices.org

Summit Arizona (928) 710-7021
637 W Hillside Ave, Prescott, AZ 86301
granitemountainbhc.com

West Yavapai Guidance Clinic – Haddon House (928) 445-5211
711 Hillside Ave., Prescott, AZ 86301
polarahealth.com

West Yavapai Guidance Clinic – Hillside Center (Outpatient/Residential) (928) 445-5211
642 Dameron Dr., Prescott, AZ 86301
polarahealth.com

West Yavapai Guidance Clinic – Ruth Street Clinic (928) 445-5211
625 W. Hillside Ave., Prescott, AZ 86301
polarahealth.com

Appendix D
Elected Officials

As of the publication of this community involvement plan, the community involvement area for the Miller Valley Road and Hillside Avenue WQARF site falls under Yavapai County Supervisorial District 1 and 5, and Arizona Legislature District 5.

<table>
<tr><th colspan="2">PRESCOTT CITY Officials</th><th>YAVAPAI COUNTY
Supervisors</th><th>ARIZONA LEGISLATURE</th></tr>
<tr><td colspan="2">201 S. Cortez St.
Prescott, AZ 86302
(928) 777-1248</td><td>Yavapai County Administrative Services – Prescott Office
1015 Fair Street
Prescott, AZ 86305
(928) 771-3100</td><td>Arizona House of Representatives
Capitol Complex
1700 W. Washington St.
Phoenix, AZ 85007
(602) 926-4221</td></tr>
<tr><td colspan="2">Mayor-City of Prescott
Phil Goode
(928) 777-1248</td><td rowspan="2">County Supervisor
District 1
Harry Oberg

(928) 771-3206
web.bos.district1@yavapai.us</td><td rowspan="2">Representative District 5
Regina E. Cobb

Room # 222
(602) 926-3126
rcobb@azleg.gov</td></tr>
<tr><td colspan="2">City Manager
Michael Lamar
(928) 777-1435</td></tr>
<tr><td>City Council Member
Brandon Montoya
(928) 777-1248</td><td>City Council Member
Jessica Hall
(928) 777-1248</td><td rowspan="2"></td><td rowspan="2">Representative
District 5
Leo Biasiucci

Room # 207
(602) 926-3018
mailto:lbiasiucci@azleg.gov</td></tr>
<tr><td>City Council Member
Eric Moore
(928) 777-1248</td><td>City Council Member
Cathey Rusing
(928) 777-1248</td></tr>
<tr><td>City Council Member
Steve Sischka
(928) 777-1248</td><td>City Council Member
Clark Tenney
(928) 777-1248</td><td></td><td>Senator District 5
Sonny Borrelli

Room # 212
(602) 926-5051
mailto:sborrelli@azleg.gov</td></tr>
</table>

Appendix E
Community Advisory Board

A Community Advisory Board (CAB) for the Miller Valley Road and Hillside Avenue WQARF site has not been established. According to Arizona Revised Statutes § 49-289.03, the minimum number of people required to establish a CAB is five individuals. At this time, an insufficient number of individuals has applied to participate in a CAB.

Appendix F
Media Outlets

The community may use any media outlets to share information on the Miller Valley Road and Hillside Avenue WQARF Site. ADEQ will publish all site-related public notices in the *The Daily Courier*. All future public notices for the Miller Valley Road and Hillside Avenue WQARF site can be found by searching www.publicnoticeads.com/az/.

Newspapers and Magazines

For a current list of Prescott area newspapers and magazines, visit abyznewslinks.com/uniteaz.htm.

The Daily Courier 8307 E State Route 69, Prescott AZ 86314	(928) 445-3333 www.dcourier.com

Radio

The following stations focus on local and national news. For a current list of all Prescott area radio stations, visit radio-locator.com.

KNAQ (89.3 FM) (KNAU)	knau.org
KBTK (97.1 FM)	bigtalkerradio.com

Television

The following channels focus on local and national news. For a current list of Prescott area television channels, visit abyznewslinks.com/uniteazph.htm.

KASW (CW 61)	(412) 824-3930 abc15.com/cw61arizona
KAET (Arizona PBS)	(602) 496-8888 azpbs.org
KNXV (ABC15)	(602) 273-1500 abc15.com
KPNX (NBC Channel 12)	(602) 257-1212 12news.com
KSAZ (Fox 10)	(602) 257-1234 fox10phoenix.com
KPHO Channel 5 (CBS 5)	(602) 207-3333 azfamily.com

Appendix G
Local and State Agencies

The following list presents additional agencies that may be used by the public to address concerns related to the Miller Valley Road and Hillside Avenue WQARF site.

State of Arizona

Department of Agriculture
1688 West Adams Street
Phoenix, AZ 85007
(602) 542-4373
agriculture.az.gov

Department of Health Services
150 North 18th Avenue
Phoenix, AZ 85007
(602) 542-1025
www.azdhs.gov

Department of Water Resources
Groundwater Permitting and Wells Section
1110 West Washington St., Ste 310
Phoenix, AZ 85007
(602) 771-8527
new.azwater.gov/permitting-wells

City of Prescott

City of Prescott Public Works-Utilities Division-Water Operations
1481 Sundog Ranch Rd
Prescott, AZ 86301
(928) 777-118
pvaz.net/170/Public-Works

Other

Agency for Toxic Substances and Disease Registry
Western Branch – Region 9
75 Hawthorne Street, Suite 9410, M/S:HHS-1
San Francisco, CA 94105
(800) 232-4636
www.atsdr.cdc.gov

Real Estate Seller Disclosures
Arizona Association of Realtors
255 East Osborn Road #200
Phoenix, AZ 85012
(602) 248-7787
www.aaronline.com/wp-content/uploads/2017/10/Residential-Sellers-Property-Disclosure- Statement-SPDS_REV_01Oct2017.pdf.

Appendix H
Prospective Purchaser Agreements

No parties that have requested or received prospective purchaser agreements from the Arizona Department of Environmental Quality for properties in or around the Miller Valley Road and Hillside Avenue WQARF Site.

Appendix I
Consent Orders and Settlements

As of the date of this CIP, there are no parties that have entered into consent decree settlements with the ADEQ for properties in or around the Miller Valley Road and Hillside Avenue WQARF site.

Acronyms and Glossary of Terms

Aquifer: An underground rock formation composed of such materials as sand, soil, or gravel, that can store groundwater and supply it to wells and springs. In aquifers, groundwater occurs in sufficient quantities to be used for drinking water, irrigation, and other purposes.

Aquifer Water Quality Standards (AWQS): State of Arizona maximum levels for contaminants which apply to groundwater in aquifers designated for drinking water use. For example, the AWQS for tetrachloroethene is 5 micrograms per liter (µg/L).

Arizona Administrative Code (A.A.C.): The publication in which the official rules of the state of Arizona are published. The *Code* is the official compilation of rules that govern state agencies, boards, and commissions.

Arizona Department of Environmental Quality (ADEQ): ADEQ is the executive agency of the Arizona State Government mandated to enforce and administer the State's environmental laws and regulations.

Arizona Revised Statutes (A.R.S.): State laws adopted by the Arizona State Legislature.

Cleanup: Actions taken that deal with a release or threat of a release of hazardous substances that could adversely affect public health and/or the environment. The word "cleanup" is sometimes used interchangeably with the terms remedial action, removal action, response action, remedy, remediation, or corrective action.

Community Advisory Board (CAB): A diverse group of community members interested in or affected by the presence of a WQARF site. By statute, ADEQ is required to form a CAB for each WQARF Registry site where ADEQ is initiating a Remedial Investigation. ADEQ seeks the CAB's input in the decision-making process and works with them from the onset of the RI/FS process until the requirements of the record of decision have been fulfilled.

Community Involvement Area: The mailing area of residences and businesses used in the notification for public meetings and other written notices regarding a site.

Community Involvement Coordinator: The ADEQ employee responsible for ensuring that all statutes and rules related to the involvement of the public and public outreach at WQARF sites are upheld and complied with by ADEQ. Community Involvement Coordinators manage and coordinate the work of CABs for WQARF sites.

Community Involvement Plan (CIP): A document that identifies techniques used by ADEQ and EPA to communicate effectively with the public during the Superfund cleanup process at a specific site. This plan describes the site history, nature and history of community involvement, and concerns expressed during community interviews. In addition, the plan outlines methodologies and timing for continued interaction between the Agencies and the public at the site.

Contaminant: A harmful or hazardous substance released into the environment that is not naturally occurring, or above background levels.

Contamination: Any hazardous or regulated substance released into the environment.

Early Response Action (ERA): Refers to a remedial action performed prior to the final remedy, and often prior to the Remedial Investigation. An ERA addresses current risks to public health, welfare, and the environment; protects or provides a supply of water; addresses sources of contamination; or controls or contains contamination where such actions are expected to reduce the scope or cost of the remedy needed at the site. Also referred to as an interim remedial action.

Eligibility and Evaluation score (E&E): ADEQ's method to prioritize sites for investigation and cleanup. The score is based on multiple criteria and does not always mean there is a current threat to health.

Feasibility Study (FS): A process to identify a reference remedy and alternative remedies that appear to be capable of achieving the Remedial Objectives for the site. It is often done as part of a two-phase investigation in conjunction with a Remedial Investigation (RI/FS).

Groundwater: Water beneath the earth's surface in the spaces between soil particles and rock surfaces. In aquifers, groundwater occurs in sufficient quantities to be used for drinking water, irrigation, and other purposes.

Hazardous Substance: Any material that, because of its quantity, concentration, physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment.

Heavy metals: Refers to a group of metals including arsenic, chromium, copper, lead, mercury, silver and zinc. Heavy metals often are present at industrial sites where operations have included battery recycling and metal plating.

Information Repository: A collection of documents about a specific project. Information on certain WQARF and Superfund sites may be available at ADEQ offices and libraries throughout the state.

Monitoring Well (Monitor Well): A well installed for the purpose of collecting samples such as groundwater and soil gas. Analytical results from samples are used to characterize the extent of contamination, the direction of groundwater flow, and the types and quantities of contaminants present in the groundwater.

Plume: A well-defined area of contamination in groundwater, soil or the air, often used to describe the dispersion of contamination in soil and/or groundwater.

Potentially Responsible Party (PRP): A party (individual or corporation) identified by state or federal authorities as potentially liable for cleanup costs at a contaminated site.

Preliminary Investigation (PI): The process of collecting and reviewing available information about a known or suspected hazardous waste site or release.

Proposed Remedial Action Plan (PRAP): A document that reviews the cleanup alternatives presented in the site Feasibility Study and identifies ADEQ's preferred alternative. Selection of a preferred alternative is not a closed-end commitment to use that alternative; rather, it is a way for the agency to indicate, based on experience and expertise, which alternative is

the most likely course of action. ADEQ must actively solicit public review of and comment on all the alternatives under consideration.

Public Comment Period: A period during which the public can formally review and comment on various documents and ADEQ actions.

Record of Decision (ROD): A legal document that announces and explains the cleanup methods ADEQ will use at a Superfund/WQARF site. The Record of Decision is based on information and technical analysis generated during the Remedial Investigation and Feasibility Study, and on consideration of comments received during the public comment record for the Proposed Remedial Action Plan.

Remedial Action (RA): Any action taken to investigate, monitor, assess and evaluate the release or threat of release of hazardous substances or contaminants to the environment. It may also refer to the actual "cleanup" of the environment by various removal, treatment, monitored remediation, or corrective actions. The term cleanup is sometimes used interchangeably with the terms remedial action, removal action, response action, remedy, remediation, or corrective action.

Remedial Investigation (RI): An in-depth study designed to gather the data necessary to determine the nature and extent of contamination at a site and the risk posed by the contamination.

Remedial Objective (RO): Established remedial goals for the current and reasonably foreseeable uses of lands and waters of the state that have been or are threatened to be affected by a release of hazardous substance.

Remediation: Cleanup or other methods used to remove or contain a toxic spill or hazardous materials.

Remedy: Cleanup method chosen for a site.

Responsible Party: An individual or company (*e.g.*, an owner, operator, transporter, or generator of hazardous waste) that is responsible for the contamination problems at a Superfund/WQARF site. Whenever possible, responsible parties are required to clean up hazardous waste sites they have contaminated.

Responsiveness Summary: A summary of oral and written comments (and ADEQ responses to those comments) received during the public comment period.

Soil Remediation Level (SRL): A pre-determined risk-based standard protective for residential or non-residential use based upon the total contaminant concentration in soil.

Superfund: The federal program operated under the legislative authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA) that funds and carries out U.S. Environmental Protection Agency solid waste emergency and long-term removal and remedial activities. These activities include establishing the National Priorities List, investigating sites for inclusion on the list, determining their priority, and conducting and/or supervising cleanup and other remedial actions. It provides for the cleanup of hazardous substances released into the environment, regardless of fault. The term Superfund also is used to refer to cleanup programs designed and conducted under CERCLA and its subsequent amendments.

Tetrachloroethene or Tetrachloroethylene or Perchloroethene (PCE): A clear, colorless, liquid with a chloroform or sweet odor and a low boiling point; a solvent used for dry-cleaning; degreasing and drying metals and other solids; dissolving waxes, greases, oils, fats, and gums, and in other industrial applications. PCE is a potential occupational carcinogen. Evaporation of PCE increases as temperature increases.

Trichloroethene or Trichloroethylene (TCE): A colorless liquid used as a solvent, metal degreasing agent, and in other industrial applications.

Vadose Zone: The area between the ground surface and the groundwater.

Vapor Intrusion: The migration of volatile chemicals from the subsurface into overlying buildings. Volatile chemicals in buried wastes and/or contaminated groundwater can emit vapors that may migrate through subsurface solid and into air spaces of overlying buildings.

Volatile Organic Compounds (VOC): A large group of carbon-containing compounds that are easily dissolved into water, soil, or the atmosphere and evaporate readily at room temperature. Examples of VOCs include PCE and TCE. These contaminants are typically generated from metal degreasing, printed circuit board cleaning, gasoline, and wood preserving processes.

Water Quality Assurance Revolving Fund (WQARF): Also known as the State Superfund, WQARF is the program and funding used to address hazardous substance releases within the state that are not covered by other specific programs.