

**CLOSEOUT
RECORD OF DECISION
TONTO AND CHERRY WQARF REGISTRY SITE
PAYSON, ARIZONA**



**1110 West Washington Street
Phoenix, Arizona 85007**

December 27, 2013

EQR-14-01

Tonto and Cherry WQARF Registry Site
Closeout Record of Decision

APPROVAL PAGE

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1.0 DECLARATION

1.1 Site Name and Location

This Closeout Record of Decision (ROD) is for the Tonto and Cherry Water Quality Assurance Revolving Fund (WQARF) Registry Site, located in Gila County, Payson, Arizona.

1.2 Purpose

Consistent with Arizona Administrative Code (A.A.C.) R18-410(B)(8), the Arizona Department of Environmental Quality (ADEQ) has reviewed the remedy and determined that site completion criteria has been met and that cleanup levels have been achieved. This Closeout ROD demonstrates that the site completion criteria used to evaluate the selected remedial action for volatile organic compound (VOC) contaminated groundwater at the Tonto and Cherry WQARF site has been achieved. The decision in this Closeout ROD is based upon previous activities and investigations conducted and performed for this site.

The issuance of the November 10, 2008 ROD, for the Tonto and Cherry WQARF site, specified monitored natural attenuation (MNA) as the selected remedy. The ROD indicated that achievement of cleanup criteria would be met by the year 2018. Based upon groundwater contaminant concentrations across the site, tetrachloroethene (PCE) and trichloroethene (TCE) concentrations have been effectively reduced to below their respective Aquifer Water Quality Standards (AWQSs) at all monitoring points within the Tonto and Cherry WQARF site. Upon remedy review, response actions conducted at the Tonto and Cherry WQARF site indicate that no further remedial actions are necessary to protect human health and the environment.

1.3 Assessment of the Site

The Site is characterized by the presence of PCE in groundwater associated with the former Grand Way Cleaners, located in the Bonanza Square shopping center, in Payson, Arizona. Releases of PCE and TCE, associated with the former Grand Way Cleaners, impacted the groundwater at the Tonto and Cherry WQARF site. Results of historic groundwater analytical results indicate that the groundwater was contaminated with PCE at levels as high as ten times the AWQS of 5.0 micrograms per liter ($\mu\text{g/L}$), and also with other organic contaminants, such as TCE, cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride. Detectable concentrations of acetone and methyl tert-butyl ether have also been detected in earlier groundwater samples retrieved from the site.

In 1999, PCE concentrations in private wells located at 301 W. Cherry, 305 W. Cherry and 306 W. Cherry (Hill) exceeded the AWQS and posed a threat to public health. As part of an Early Response Action (ERA), ADEQ provided bottled drinking water to the private well owners until the detected PCE concentrations were below the AWQS. No public drinking water wells have been threatened by the Tonto and Cherry WQARF site contamination plume.

1.4 Description of the Selected Remedy

MNA was selected as the remedy for the Tonto and Cherry WQARF site because it met the following criteria:

- Adequately assures the protection of public health and welfare and the environment;
- To the extent practicable, provides for the control, management and cleanup of the PCE and TCE contamination, maximizing beneficial use of the groundwater; and
- Is reasonable, necessary, cost-effective and technically feasible.

Detected concentrations of PCE and TCE have been below their respective AWQSs since the June 2006 groundwater sampling event. Historical groundwater monitoring data suggests that MNA achieved cleanup of the site to concentrations below AWQSs. The formations of additional contaminants of concern (COCs), such as vinyl chloride, have been monitored to ensure that restoration of the groundwater has been accomplished and that cleanup levels have been achieved.

2.0 DECISION SUMMARY

The Tonto and Cherry WQARF site is located in Payson, Arizona, approximately 150 feet from Colcord Road, just north of Frontier Street (Figure 2-1). The Site plume boundary consists of a northwest-trending area, bounded by West McKamey Street to the north, South Colcord Road to the east, South Meadow Street to the west and West Frontier Street to the south. The geographic coordinates of the Site are 34° 13' 56" north latitude, and 111° 19' 37" west longitude, in the SE 1/4 of the SE 1/4 of the SE 1/4 of Section 4, Township 10 North, Range 10 East of the Gila and Salt River Baseline and Meridian, Gila County, Arizona.

The historical COCs in groundwater include PCE and TCE. Results of past groundwater analyses indicate that the groundwater was contaminated with PCE at levels as high as ten times the AWQS of 5.0 µg/L, and also with other organic contaminants, such as TCE, cis-1,2-DCE and vinyl chloride. Detectable concentrations of acetone and methyl tert-butyl ether have also been noted in groundwater samples from the site. The maximum concentration of PCE detected in groundwater was 47 µg/L, in April 1999, while the maximum concentration of TCE detected was 8.9 µg/L, in March 2003. The AWQS for PCE and TCE is 5.0 µg/L. The PCE concentrations in private wells 301 W. Cherry, 305 W. Cherry and Hill exceeded the standard and posed a threat to public health. In 1999, as part of an ERA, ADEQ provided bottled drinking water to the private well owners until the detected PCE concentrations were below the AWQS.

In May 2007, ADEQ completed the Remedial Investigation (RI) report (GeoTrans, 2007a) and in July 2007 the Feasibility Study (FS) report was completed (GeoTrans, 2007b) pursuant to Arizona Revised Statutes (A.R.S.) §49-287.03. The RI report:

- Established the nature and extent of the contamination and the sources thereof;
- Identified current and potential impacts to public health, welfare, and the environment;
- Identified current and reasonably foreseeable uses of land and waters of the state; and
- Obtained and evaluated information necessary for identification and comparison of alternative remedial actions.

The FS report used the information collected as part of the RI to:

- Identify a reference remedy and alternative remedies that appear to be capable of achieving remedial objectives (ROs); and
- Evaluate remedies based on the comparison criteria to select a remedy that complies with A.R.S. §49-282.06.

ADEQ used the evaluation of remedial alternatives discussed in the FS report to choose a remedial method. ADEQ then prepared the June 2008 Proposed Remedial Action Plan (PRAP) pursuant to A.R.S. §49-287.04 that included:

- A description of the chosen remedy;
- How the remedy would achieve each of the ROs identified in the RI report;
- How accomplishment of the ROs was to be measured; and
- A description of the use of the remediated water as defined in A.R.S. §49-287.01.

2.1 Tonto and Cherry WQARF Registry Site

The Site was originally identified as a potential hazardous waste site and was listed on the Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) on August 27, 1993. The listing was based on discovery of contamination at the Payson PCE WQARF Site and subsequent searches for facilities that used VOCs in their operations. A 1994 preliminary assessment by the ADEQ Preliminary Assessment/Site Inspection (PASI) Unit indicated a release of PCE to the vadose zone of the underlying aquifer. A subsequent Site inspection indicated detectable concentrations of PCE in soil vapor samples collected in front of Grand Way Cleaners, as well as concentrations of TCE and cis-1,2-DCE. Soil sampling at the five locations indicated detectable concentrations of PCE at one sample location on the south side of Grand Way Cleaners. These results were documented as part of the Preliminary Assessment/Site Inspection Report—Grand Way Cleaners (ADEQ, 1995).

The ADEQ PASI Unit conducted an expanded Site inspection in 1998, including a video survey of the sanitary sewer line, which originated from Grand Way Cleaners, and a soil and soil vapor sampling event at eight locations in the shopping center. The video survey indicated integrity breaks at several locations in the sewer lines, which were targeted during the subsequent soil sampling and soil vapor survey. The soil vapor sampling results indicated detectable concentrations of PCE, TCE and cis-1,2-DCE, with PCE concentrations ranging from 0.6 µg/l to 54 µg/l.

According to the Site Registry Report (ADEQ, 2000), PCE was detected in five private drinking water wells near the Site, with a maximum concentration of 47 µg/L. The AWQS for PCE is 5.0 µg/L. The PCE concentrations in three of the private wells exceeded this standard and ADEQ concluded that drinking water from these private wells posed a threat to public health.

The Site was placed on the WQARF Registry List on June 6, 2000, with an E & E score of 45 out of a possible 120. A comprehensive groundwater monitoring program was initiated by ADEQ that involved the sampling of additional wells in the surrounding area.

2.2 Source Area Definition

The Site is located near the intersection of West Frontier Street and Colcord Road, Payson, Arizona (Figure 2-2). The geographic coordinates of the Site are 34° 13' 56" north latitude, and 111° 19' 37" west longitude, in the SE 1/4 of the SE 1/4 of the SE 1/4 of Section 4, Township 10 North, Range 10 East of the Gila and Salt River Baseline and Meridian, Gila County, Arizona.

The Site boundaries have been defined by the areal extent of the former PCE groundwater plume, which was bounded approximately on the south by Frontier Street, on the west by South Meadow Street, on the north by West McKamey Street, and on the east by Colcord Road. The Site is located in a mixed urban, commercial, and residential area.

The extent of contamination in the vadose zone was defined to the degree practical due to the presence of buildings and residential properties. Soil samples collected from the parking lot and buildings at Bonanza Square in 1995 and 1998 indicated the presence of PCE southeast of and behind the Grand Way Cleaners (ADEQ, 1995; ADEQ, 1999). PCE may also be associated with the sewer line since soil vapor samples from the area contained PCE. However, the concentrations of the detected PCE and TCE are all below their respective soil remediation levels (SRLs) and no longer a threat to public health or the environment.

Groundwater flow at the Site has been generally northwest; with a gradient that has varied over the time monitoring has been conducted. The driving forces in groundwater movement, at the source area, that have significant impacts for contaminant transport are summarized as follows:

- Local groundwater flow has transported contaminants down gradient (northwest) from the source area; and
- Localized groundwater flow conditions are probably caused by a combination of local bedrock highs and pumping from private wells in the area.

Since June 2006, concentrations of PCE in the private groundwater monitoring wells have been below the AWQS. Since March 2003, concentrations of PCE in the ADEQ groundwater monitoring wells (TC-1, TC-2, TC-3 and TC-4) have also been below the AWQS. Likewise, the concentration of TCE has been below the AWQS in all groundwater monitoring wells since March 2004. Thus, MNA has already decreased the concentrations of PCE and TCE to below the respective AWQSs. However, the remedial area is considered to be the area defined by the historical extent of the plume boundaries.

2.3 Chronology of Site Activities

To assist with evaluating the investigation activities at the Tonto and Cherry WQARF Site, a chronology of major investigative activities at the Site has been compiled. The following outlines many of the events and investigative milestones of the project:

1984	Grand Way Cleaners opens for business at the Bonanza Square location.
1988	Safety-Kleen begins handling waste for the Grand Way Cleaners.
August 27, 1993	Grand Way Cleaners is identified as a potential hazardous waste site; entered into CERCLIS and assigned ID# AZD982411092.
February 1994	Preliminary Assessment Consultation Memorandum for Grand Way

	Cleaners completed.
March 28, 1995	ADEQ conducts site reconnaissance visit of Grand Way Cleaners.
March 29-30, 1995	ADEQ conducts soil/soil gas sampling.
1997	PCE detected in C. Hill well and two wells at 301 and 305 W. Cherry Street.
July 1998	ADEQ samples C. Hill well and two other private wells. PCE concentrations detected at 35 to 40 µg/L.
July 15, 1998	ADEQ conducts video inspection of sewer line originating at Grand Way Cleaners and extending to the main sewer line at Frontier Street. Several breaks and pitted areas are discovered in the inspected sewer line.
November 1998	ADEQ conducts soil/soil gas sampling to investigate potential sewer leaks.
1999	ADEQ provided bottled drinking water to private well owners.
February/March 2001	Monitor wells TC-1, TC-2, and TC-3 drilled and installed. Slug test conducted on TC-1; step-drawdown test conducted on TC-2 and pump test conducted on TC-3 to evaluate hydrologic conditions of monitor wells and local aquifer
Summer 2001	Grand Way Cleaners ceases operations and the facility is vacated.
November 15, 2001	Monitor well TC-4 drilled and installed along with nested vapor wells VS-1 through VS-3 in Bonanza Square parking lot east of former Grand Way Cleaners.
September 2002 to Present	Groundwater monitoring and sampling frequency changed to semi-annual.
June 2004	Indoor air-quality evaluation conducted of the Grand Way Cleaners - No significant risk to public health found.
September 2004	The Arizona Attorney General's Office conducts a PRP investigation.
April 10, 2007	Draft RI Report out for public comment.
June 1, 2007	Final RI Report issued.
June 29, 2007	Draft FS Report out for public comment.
July 2007	Final FS Report issued.
June 2008	Proposed PRAP delivered to ADEQ.
June 23-July 24, 2008	Public Comment Period for PRAP.
July 15, 2008	CAB meeting held to discuss the PRAP and solicit public comments on the PRAP. No public comments were received.
November 2008	ADEQ issues final ROD.

2.4 Potentially Responsible Party Investigation

Pursuant to A.R.S. § 49-283(A), a potentially responsible party (PRP) search was conducted. The review of the PRP Investigation Report identified the source of the contamination as the Grand Way Cleaners located at 200 West Frontier Street. The release on the 200 West Frontier Street property is assumed to have occurred during the period of 1984 to 1988. The likely date of PCE releases from the facility is based upon the fact that Grand Way Cleaners did not begin operations at the location until 1984 (the shopping center was built in 1982) and in 1988, the then-owner of Grand Way Cleaners hired Safety-Kleen, a recycling company, to pick up the spent PCE sludge and filters.

It is the Arizona Attorney General's Office (AGO's) opinion that the anticipated recoveries from the identified PRPs were not sufficient to make additional investigations worthwhile. Based on the evidence, it is the consensus of the AGO and ADEQ that cost recovery was not appropriate. Therefore, a best-efforts PRP search was not conducted for the Site.

3.0 SELECTED REMEDY

Several more aggressive remedial techniques were evaluated to determine whether additional, more aggressive remedies were necessary to sustain clean-up levels and protect human health and the environment, or whether supplemental remedial actions were justified to accelerate cleanup to make remediation more effective in terms of costs, benefits and lowered risks.

The FS considered the effectiveness of three remedies and whether additional remedial actions were warranted. The basic criterion for treatment effectiveness is whether the goals of the ROs will be met, whether the remedy is effective in containing and capturing the plume, and whether the remedy is constructible and practical. MNA has effectively attained the ROs and this strategy has achieved all applicable AWQSs for the COCs in groundwater at the Site.

To monitor the continued effectiveness of the remedy for the Site and to measure the sustained progress of achievement of the ROs, groundwater elevation measurements and groundwater quality sampling has been completed on a semi-annual basis since 2002. Based on the laboratory results since September 2008, COCs at the domestic and monitoring wells at the Tonto and Cherry WQARF Site have been below all applicable AWQSs (Western Technologies, 2013). The response actions conducted at the Tonto and Cherry WQARF site indicate that no further remedial actions are necessary to protect human health and the environment.

3.1 Achievement of Remedial Action Criteria Pursuant to ARS §49-282.06

MNA has been selected as the remedy for the Site. Based on a comparison with the reference remedy and more aggressive remedy in the FS Report, the less aggressive remedy (MNA):

- Adequately assures the protection of public health and welfare and the environment;
- To the extent practicable, provides for the control, management and cleanup of the PCE contamination, maximizing beneficial use of the groundwater; and
- Is reasonable, necessary, cost-effective and technically feasible.

Concentration trends have been reviewed for each of the monitor wells where concentrations have historically been above AWQS. Figure 3-1 displays PCE concentrations for 301 W. Cherry, 305 W. Cherry, Hill, TC-1, TC-2, TC-3, and TC-4. The concentrations in each of these wells have already dropped below AWQSs and are continuing to decline. The data presented on Table 3-1 suggests that MNA will achieve the ROs, presuming that concentrations of vinyl chloride do not accumulate and will also decrease over time. For these reasons, the 10-year life-cycle estimates are reasonable to account for uncertainty in time frames for remediation or any potential impacts as a result of vinyl chloride accumulation.

Because MNA is currently occurring and contains, captures, and remediates the residual plume, this remedy is clearly the best choice. The results of a review of historical monitoring data suggest that the MNA is reasonably efficient and that no significant changes are warranted. Table 3-2 summarizes the recent and historical groundwater analytical results for COCs for the wells in the Tonto & Cherry WQARF Site. MNA has already achieved cleanup of the Site to concentrations below AWQSs.

3.2 Compliance with Arizona Administrative Code (A.A.C.)

ADEQ published a notice of availability in the Payson Roundup newspaper in December 2000 according to A.A.C. R18-16-403. The notice of availability informed community members and interested parties that a scope of work, a fact sheet, and the outline of the community involvement plan was available for review and comment. The fact sheet was also mailed out to a mailing list that included Payson residents within the immediate vicinity of the Site.

ADEQ complied with A.A.C. R18-16-404 in respect to community involvement requirements. All community involvement requirements are documented in Section 3.3 and Table 3-3.

The final *Remedial Investigation Report – Tonto and Cherry WQARF Site* was published on May 21, 2007 (GeoTrans, 2007). A notice of availability was published in the Payson Roundup newspaper in December 2000 (Table 3-3). According to A.A.C. R18-16-406, the RI report established the nature and extent of the contamination and the sources thereof; identified current and potential impacts to public health, welfare and the environment; identified reasonably foreseeable uses of land and waters of the state; and obtained and evaluated any other information necessary for identification and comparison of alternative remedial actions. The RI report was released in draft form for public comment on February 20, 2007. After the public comment period, the proposed RO report was released for public comment on April 20, 2007. The two reports were combined to form the final RI report.

A work plan was written to describe how the FS report was to be compiled. The work plan was written following A.A.C. R18-16-407B, outlining specific elements to be included. A notice of the work plan availability was published in the Payson Roundup and mailed directly to interested parties and the site mailing list on June 8, 2007.

Following the work plan described above, the *Feasibility Study – Tonto and Cherry WQARF Site, Payson, Arizona* was published on June 29, 2007. The FS report, as required by A.A.C. R18-16-407, included a reference remedy that was evaluated and capable of meeting the remedial objectives, along with a more aggressive and a less aggressive remedy. The FS report evaluated each remedial alternative and detailed:

- The ability of the remedial alternative to achieve the ROs;
- Its consistency with the water management plans of affected water providers and the general land use plans of local governments;
- Comparisons of criteria such as practicability, feasibility, effectiveness, reliability, etc. of each alternative;
- Risks associated with the alternative;
- The total cost; and
- The benefit or value of the remediation.

After the final FS report was completed, the *Proposed Remedial Action Plan, Tonto and Cherry WQARF Site, Payson, Arizona* was prepared. The PRAP contained a description of the proposed remedy [A.R.S. §49-287.04(A)], a description of how the proposed remedy will achieve the ROs; and a description of all recharge, discharge, transportation, and use of remediated water

(A.R.S. §49-283.01). A public comment period on the PRAP was conducted from June 23-July 24, 2008 and a notice was published in the Payson Roundup on June 9, 2008. The PRAP was also discussed during a public CAB meeting on July 15, 2008. No comments were received; therefore a responsiveness summary was not included in the ROD.

3.3 Community Involvement and Public Comment Requirements

ADEQ has completed all required community involvement and public comment requirements for the Tonto and Cherry WQARF Site. In addition, the community has been kept advised of investigative and cleanup activities at the Tonto and Cherry WQARF Site through presentations by ADEQ at the Community Advisory Board (CAB) meetings and in various public notices. The activities and time periods for the community involvement requirements are listed in Table 3-3.

4.0 CONCLUSIONS

The remedial strategy chosen for the selected remedy was MNA. The remedy has achieved its goal as concentrations of COCs are below applicable AWQs in groundwater. Concentrations of the COCs have been below AWQs in all monitoring wells since 2006. At the issuance of the November 10, 2008 ROD, the remedy was expected to take until the year 2018 to achieve AWQs. According to A.A.C. R18-16-410(B)(8), ADEQ has reviewed the remedy within five (5) years from the issuance of the ROD document. As of the June 2006 semi-annual groundwater sampling events, MNA has effectively reduced PCE and TCE concentrations to well below their respective AWQs or below laboratory detection limits. As the remedy detailed in the ROD has been met, as demonstrated by the results from all the private wells and the four monitoring wells at the Tonto and Cherry Site, no further remedial action is necessary at this site.

The Closeout ROD will:

- Discontinue monitoring and sampling of private groundwater wells;
- Discontinue monitoring and sampling of ADEQ groundwater monitoring wells;
- Three of the four ADEQ monitor wells will be abandoned according to the Arizona Department of Water Resources well abandonment rule set forth in A.A.C. R12-15-816.
- One of the four ADEQ monitor wells will be utilized for further monitoring and sampling of the Payson PCE WQARF site.

5.0 REFERENCES

ADEQ, 1995. Preliminary Assessment/Site Inspection Report: Grand Way Cleaners, September 1, 1995.

ADEQ, 1999. Expanded Site Inspection Report: Grand Way Cleaners.

ADEQ, 2000. Site Registry Report - Proposed Water Quality Assurance Revolving Fund Site, Tonto and Cherry Site, March 28, 2000.

GeoTrans, 2007a. Final Remedial Investigation Report, Tonto and Cherry WQARF Site, Payson, Gila County, Arizona, May, 2007.

GeoTrans, 2007b. Feasibility Study, Tonto and Cherry WQARF Site, Payson, Gila County, Arizona, July, 2007.

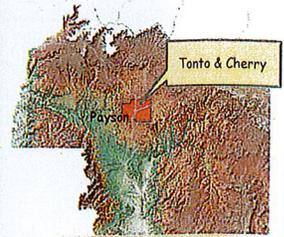
GeoTrans, 2008. Proposed Remedial Action Plan, Tonto and Cherry WQARF Site, Payson, Arizona, June, 2008.

Western Technologies, 2013. Summary of ROD Groundwater Monitoring Activities February 2012, Tonto and Cherry WQARF Site, Payson, Arizona, April, 2013.

**APPENDIX A
FIGURES**



Area Map



State of Arizona



Vicinity Map



Map Date: July, 2013

WASTE PROGRAMS DIVISION
GIS and Data Management Unit

Map produced by Arizona Department of Environmental Quality (ADEQ), GIS and Data Management Unit, TS Summers
Checked By:

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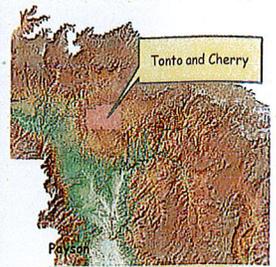
Data Sources: Arizona Department of Environmental Quality, Arizona Land Resources Information System, Arizona Department of Transportation.
Map Made: July 2012

"Site boundaries depicted on the site map represent ADEQ's interpretation of data available at the time the map was constructed. The map is intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of map production. The actual extent of contamination may be different. Therefore, the geographic boundaries for this site may change in the future as new information becomes available."

Figure 2 - 1



Area Map



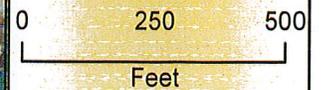
State of Arizona



Site Location Map

Legend

 Estimated Plume Boundary



Map Date: July, 2013

WASTE PROGRAMS DIVISION
GIS and Data Management Unit

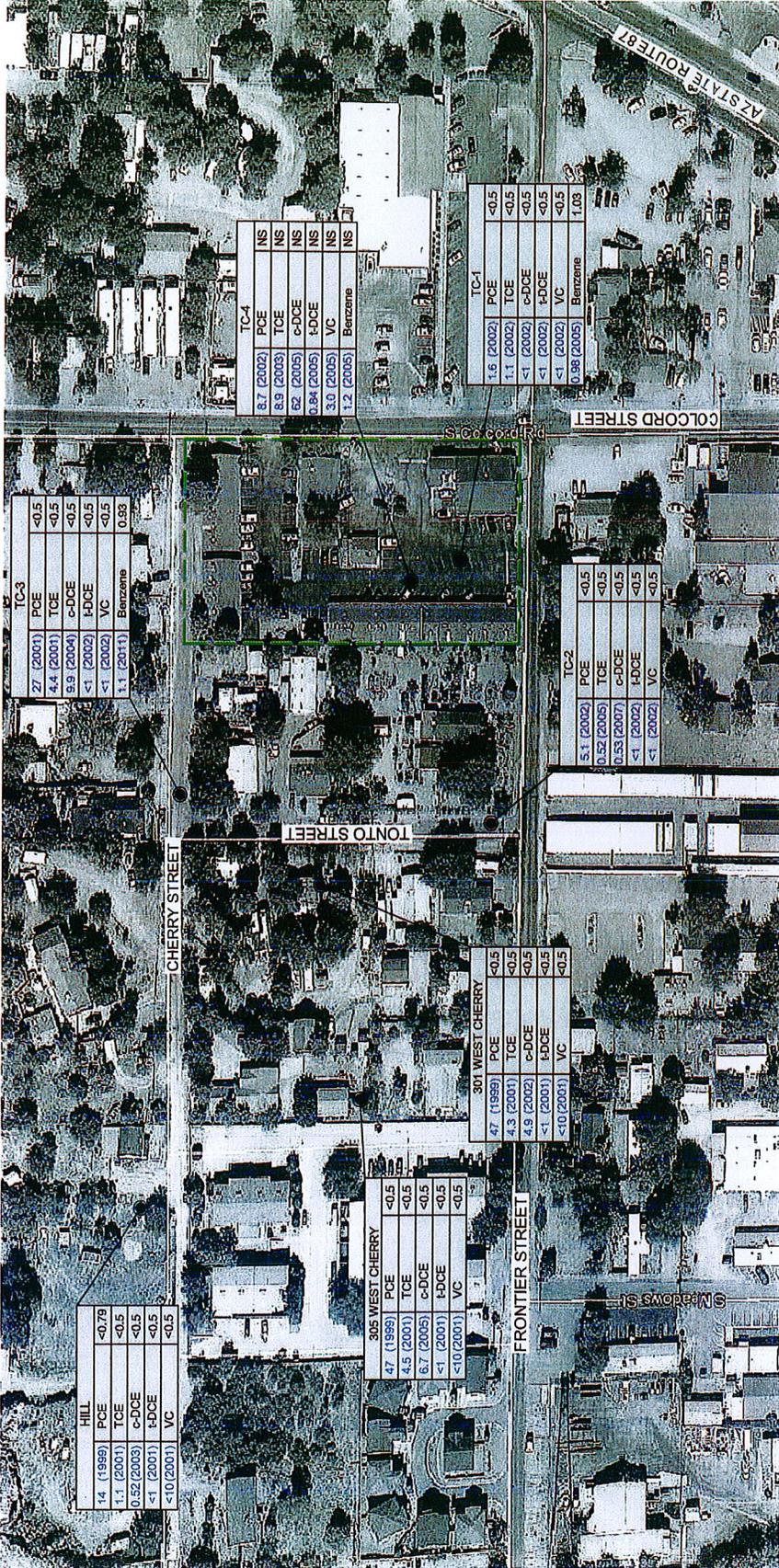
Map produced by Arizona Department of
Environmental Quality (ADEQ), GIS and
Data Management Unit, TS Summers

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TontoCherry2012.5.mxd.
web name: tonto_map

Data Sources: Arizona Department of
Environmental Quality,
Arizona Land Resources Information System,
Arizona Department of Transportation,
Image: Statewide

"Site boundaries depicted on the site map represent ADEQ's interpretation of data available at the time the map was constructed. The map is intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of map production. The actual extent of contamination may be different. Therefore, the geographic boundaries for this site may change in the future as new information becomes available."

Figure 2 - 2



LEGEND:

- Monitor Well/Domestic Well
- No Sample Collected
- TC-1 = Well Name
- PCE = tetrachloroethene
- TCE = trichloroethene
- c-DCE = cis-1,2-dichloroethene
- t-DCE = trans-1,2 dichloroethene
- VC = vinyl chloride

All concentrations are micrograms per Liter (µg/L).
 Analytical results from February 25, 2013 presented in black text.
 Historical high concentrations are presented in blue text.

LEGEND:

- Approximate PCE Source Area

FIGURE 3-1. CHEMICALS OF CONCERN CONCENTRATION MAP
 SPRING 2013 - DG/FG UNIT
 ADEQ Payson Tonto & Cherry
 WQARF Study Area
 Payson, Arizona



**APPENDIX B
TABLES**

Table 3-1. Historical High, Recent, and February 2013 Detected VOCs
Payson Tonto and Cherry WQARF Site
EPA Method 8260

Detected Analyte	Well Name	Highest Historical Concentration (µg/L) and Date	Most Recent Concentration (µg/L) and Date
tetrachloroethene (PCE) Storet Code = 34475 CAS No. 127-18-4 AWQS = 5 µg/L	TC-1	1.6 (Mar. 2002)	<0.5 (Feb. 2013)
	TC-2	5.1 (June 2002)	<0.5 (Feb. 2013)
	TC-3	27 (Mar. 2001)	<0.5 (Feb. 2013)
	TC-4	8.7 (Mar. 2002)	<0.5 (Sept. 2011) (Feb. 2013 dry)
trichloroethene (TCE) Storet = 34485 / 39180 CAS No. 79-01-6 AWQS = 5 µg/L	301 W. Cherry	47 (Apr. 1999)	<0.5 (Feb. 2013)
	305 W. Cherry	47 (Apr. 1999)	<0.5 (Feb. 2013)
	Hill	14 (Nov. 1999)	0.79 (Feb. 2013)
	TC-1	1.1 (Mar. 2002)	<0.5 (Feb. 2013)
	TC-2	<1 / 0.52 (June 2002 / Sept. 2005)	<0.5 (Feb. 2013)
	TC-3	4.4 (Mar. 2001)	<0.5 (Feb. 2013)
	TC-4	8.9 (Mar. 2003)	<0.5 (Sept. 2011) (Feb. 2013 dry)
	301 W. Cherry	4.3 (Dec. 2001)	<0.5 (Feb. 2013)
	305 W. Cherry	4.5 (Dec. 2001)	<0.5 (Feb. 2013)
	Hill	1.1 (Mar. 2001)	<0.5 (Feb. 2013)
cis-1,2-dichloroethene (cis-1,2-DCE) Storet = 81686 / 77093 CAS No. 111-76-2/156-59-2 AWQS = 70 µg/L	TC-1	<1 (June 2002)	<0.5 (Feb. 2013)
	TC-2	<1 / 0.53 (June 2002 / Sept. 2007)	<0.5 (Feb. 2013)
	TC-3	9.9 (Mar. 2004)	<0.5 (Feb. 2013)
	TC-4	62 (Mar. 2005)	20.3 (Sept. 2011) (Feb. 2013 dry)
	301 W. Cherry	4.9 (Mar. 2002)	<0.5 (Feb. 2013)
	305 W. Cherry	6.7 (Sept. 2005)	<0.5 (Feb. 2013)
	Hill	<1 / 0.52 (Mar. 2001 / Mar. 2003)	<0.5 (Feb. 2013)
	TC-1	<1 (June 2002)	<0.5 (Feb. 2013)
trans-1,2-dichloroethene (trans-1,2-DCE) Storet = 34546 CAS No. 156-60-5 AWQS = 100 µg/L	TC-2	<1 (June 2002)	<0.5 (Feb. 2013)
	TC-3	<1 (June 2002)	<0.5 (Feb. 2013)
	TC-4	<1 / 0.84 (June 2002 / Mar. 2005)	<0.5 (Sept. 2011) (Feb. 2013 dry)
	301 W. Cherry	<1 (Mar. 2001)	<0.5 (Feb. 2013)
	305 W. Cherry	<1 (Mar. 2001)	<0.5 (Feb. 2013)
	Hill	<1 (Mar. 2001)	<0.5 (Feb. 2013)
	TC-1	<1 (June 2002)	<0.5 (Feb. 2013)
	TC-2	<1 (June 2002)	<0.5 (Feb. 2013)

Table 3-1. Historical High, Recent, and February 2013 Detected VOCs
Payson Tonto and Cherry WQARF Site
EPA Method 8260

Detected Analyte	Well Name	Highest Historical Concentration (µg/L) and Date	Most Recent Concentration (µg/L) and Date
vinyl chloride Storet = 39175 CAS No. 75-01-4 AWQS = 2 µg/L	TC-1	<1 (June 2002)	<0.5 (Feb. 2013)
	TC-2	<1 (June 2002)	<0.5 (Feb. 2013)
	TC-3	<1 (June 2002)	<0.5 (Feb. 2013)
	TC-4	3.0 (Mar. 2005)	1.71 (Sept. 2011) (Feb. 2013 dry)
methyl tertiary butyl ether (MTBE) Storet = 46491 / 78032 CAS No. 1634-04-4 Guidance = 94 µg/L	301 W. Cherry	<10 (Mar. 2001)	<0.5 (Feb. 2013)
	305 W. Cherry	<10 (Mar. 2001)	<0.5 (Feb. 2013)
	Hill	<10 (Mar. 2001)	<0.5 (Feb. 2013)
	TC-1	1.5 / <2.0 (Mar. 2002 / Sept. 2012)	<2.0 (Feb. 2013)
	TC-2	<2.0 (Sept. 2012)	<2.0 (Feb. 2013)
	TC-3	<2.0 (Oct. 2010)	<2.0 (Feb. 2013)
	TC-4	2.3 (Dec. 2001)	<2.0 (Sept. 2011) (Feb. 2013 dry)
	Hill	<4.0 (Mar. 2001)	<2.0 (Feb. 2013)
benzene Storet = 32106 / 34030 CAS No. 67-66-3 AWQS = 5 µg/L	301 W. Cherry	<4.0 (Mar. 2001)	<2.0 (Feb. 2013)
	305 W. Cherry	<4.0 (Mar. 2001)	<2.0 (Feb. 2013)
	Hill	<4.0 (Mar. 2001)	<2.0 (Feb. 2013)
	TC-1	<1.0 / 0.98 (June 2002 Sept. 2005)	1.03 (Feb. 2013)
bromodichloromethane ¹ Storet = 30202 / 32101 CAS No. 75-27-4	TC-3	1.1 (Sept. 11)	0.930 (Feb. 2013)
	TC-4	1.2 (Sept. 2005)	0.740 (Sept. 2011) (Feb. 2013 dry)
	305 W. Cherry	<1.0 / 0.67 (Sept. 2005)	<0.5 (Feb. 2013)
toluene Storet = 78131 / 34010 CAS No. 108-88-3 AWQS = 1,000 µg/L	301 W. Cherry	1.0 (Sept. 2002)	1.0 (Feb. 2013)
	305 W. Cherry	1.32 (Sept. 2011)	<0.5 (Feb. 2013)
	TC-1	<3 / 0.92 (Mar. 2008 / Sept. 2003)	<2.0 (Feb. 2013)
	TC-4	33 (Sept. 2004)	<2.0 (Sept. 2011) (Feb. 2013 dry)

This table presents the highest historical detected concentration (since April 1999) and the most recent analytical result for these detected compounds. The maximum detection limits are presented along with the highest historical results, where the maximum detection limit exceeded the highest historical results. Results are summarized for PCE and its degradation products (TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) for each well. Results for other compounds are presented if they were detected exceeding the laboratory detection limit more than once. Some results for other compounds are also presented.

VOC = Volatile Organic Compounds

µg/L = Micrograms per liter

AWQS = Aquifer Water Quality Standard

1 = Samples collected in June and September from the 301 W. Cherry location were later identified as being not representative of groundwater from the well at the Site.

1 = Bromodichloromethane is a trihalomethane compound. The AWQS for total trihalomethanes is 100 µg/L

Bold = Text indicates concentration exceeds the respective AWQS or the ADEQ guidance level of 94 µg/L for methyl tertiary butyl ether (MTBE)

Table 3-2 Summary of Selected Historical Chemical-of-Concern Concentrations Since April 1999
 Tonto and Cherry WQARF Site
 WT Job 2182JV274
 February 2013

Well Name	April 1999	June 1999	September 1999	November 1999	March 2000	June 2000	September 2000	December 2000	March 2001	June 2001	September 2001	December 2001	March 2002	June 2002	September 2002	December 2002	March 2003	June 2003	August 2003	March 2004	March 2005
	Concentration of tetrachloroethene (PCE; Storet Codes 34475 and 34476) in micrograms per liter (µg/L) - AWQS = 5 µg/L																				
TC-1	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	<1	<1	<1	<1	1.1	<1	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-2	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	4.6	3	4	4.8	4.4	5.1	4.5	NS	4.2	NS	4.3	4.7	3.7
TC-3	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	27	20	19	16	12	11	7.6	NS	3.6	NS	2.4	4.6	4.8
TC-4	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	NS	NS	NS	4.8	8.7	<1	3	NS	3.5	NS	NS	0.97	<0.5
301 W. Cherry	47	40	26	24	16	15	9.8	10	9.2	9.0	8	6.4	6.8	<0.5	<0.5	NS	NS	NS	NS	NS	NS
305 W. Cherry	47	39	24	23	17	15	11	10	9.9	10	8	6.5	6.1	5.9	6.8	5.4	5.1	5.5	5	3.3	2.6
HIILL	14	14	14	14	13	13	9.8	10	9.2	6.9	7	6	6.1	5.6	4.2	5.1	5.3	3.6	3.6	5.0	NS
Concentration of trichloroethene (TCE; Storet Codes 34485 and 39180) in µg/L - AWQS = 5 µg/L																					
TC-1	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	<1	<1	<1	<1	1.1	<1	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-2	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	4.4	3.2	2.2	2.1	1.4	1.6	0.87	NS	1	NS	1.8	3.4	1.7
TC-3	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	NS	NS	<1	6.3	4.7	1.5	6.8	NS	8.9	NS	NS	1.0	1.1
TC-4	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	1.9	2.2	4.3	4.3	3.6	<0.5	<0.5	NS	NS	NS	NS	NS	NS
301 W. Cherry	1.1	2.4	1.8	3.2	3	3.4	2.4	2.4	1.9	2.2	4.3	4.3	3.6	<0.5	<0.5	NS	NS	NS	NS	NS	NS
305 W. Cherry	1.1	2.7	1.8	3	3	3.3	2.8	2.3	1.8	2.3	4.1	4.5	3	1.7	0.85	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HIILL	<1	<1	<1	<1	<1	<1	<1	<1	1.1	0.72	0.96	0.61	1.1	0.82	0.52	0.61	1.3	NS	0.70	0.68	NS
Concentration of cis-1,2-dichloroethene (cis-1,2-DCE; Storet Codes 81686 and 77093) in µg/L - AWQS = 70 µg/L																					
TC-1	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	<1	<1	<1	<1	<0.5	<1	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-2	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	3.2	2.4	1	0.51	<1	<1	0.94	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-3	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	NS	NS	NS	5.9	3.2	2.1	9.4	NS	15	NS	NS	25	6.2
TC-4	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	1.4	0.99	2.5	3.2	4.9	<0.5	<0.5	NS	NS	NS	NS	NS	NS
301 W. Cherry	1.1	<1	2.8	2	2	2.9	1.8	2	1.4	0.99	2.5	3.2	4.9	<0.5	<0.5	NS	NS	NS	NS	NS	NS
305 W. Cherry	1.2	<1	2.8	2.3	2	3.1	2.5	1.8	1.4	1	2.5	3.4	3.4	2.2	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HIILL	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.51	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.52	NS	<0.5	<0.5	NS
Concentration of trans-1,2-dichloroethene (trans-1,2-DCE; Storet Code 34546) in µg/L - AWQS = 100 µg/L																					
TC-1	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	<1	<1	<1	<1	<0.5	<1	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-2	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	3.2	2.4	1	0.51	<1	<1	0.94	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-3	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	NS	NS	NS	5.9	3.2	2.1	9.4	NS	15	NS	NS	25	6.2
TC-4	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	1.4	0.99	2.5	3.2	4.9	<0.5	<0.5	NS	NS	NS	NS	NS	NS
301 W. Cherry	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
305 W. Cherry	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
HIILL	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Concentration of vinyl chloride (Storet Code 39175) in µg/L - AWQS = 2 µg/L																					
TC-1	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	<1	<1	<1	<1	<0.5	<1	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-2	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	4.4	3.2	2.2	2.1	1.4	1.6	0.87	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-3	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	NS	NS	NS	5.9	3.2	2.1	9.4	NS	15	NS	NS	25	6.2
TC-4	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	1.4	0.99	2.5	3.2	4.9	<0.5	<0.5	NS	NS	NS	NS	NS	NS
301 W. Cherry	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
305 W. Cherry	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
HIILL	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Concentration of vinyl chloride (Storet Code 39175) in µg/L - AWQS = 2 µg/L																					
TC-1	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	<1	<1	<1	<1	<0.5	<1	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-2	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	4.4	3.2	2.2	2.1	1.4	1.6	0.87	NS	<0.5	NS	<0.5	<0.5	<0.5
TC-3	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	NS	NS	NS	5.9	3.2	2.1	9.4	NS	15	NS	NS	25	6.2
TC-4	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	1.4	0.99	2.5	3.2	4.9	<0.5	<0.5	NS	NS	NS	NS	NS	NS
301 W. Cherry	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
305 W. Cherry	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
HIILL	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Bold = Concentration exceeds the ADEQ AWQS
 NS = Not sampled
 AWQS = Aquifer Water Quality Standard
 DNE = Well did not exist

Note: The month and year refer to the sampling event. Some sample data may be from a sample obtained with a month or two of the date shown.
 Note: Where duplicate data were available, the highest result is presented.

Table 3-2 Summary of Selected Historical Chemical-of-Concern Concentrations Since April 1999
 Tonto and Cherry WQARF Site
 WT Job 2182JV274
 February 2013

Well Name	June 2005	September 2005	December 2005	March 2006	June 2006	September 2006	December 2006	March 2007	June 2007	September 2007	December 2007	March 2008	June 2008	September 2008	April 2010	September 2010	September 2011	September 2012	February 2013
Concentration of tetrachloroethene (PCE; Storet Codes 34475 and 34476) in micrograms per liter (µg/L) - AWQS = 5 µg/L																			
TC-1	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	NS	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-2	NS	3.5	NS	2	NS	0.91	NS	0.73	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-3	NS	0.89	NS	0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-4	NS	<0.5	NS	1.2	NS	<0.5	NS	NS	NS	NS	NS	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	NS, Dry
301 W. Cherry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
305 W. Cherry	3.4	3.3	4.6	5.3	4.2	4.4	4.3	4.6	3.2	3.7	2.8	2.1	2.9	1.6	0.82	0.82	<0.5	<0.5	<0.5
HIILL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Concentration of trichloroethene (TCE) in µg/L - AWQS = 5 µg/L																			
TC-1	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	NS	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-2	NS	0.52	NS	0.51	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-3	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-4	NS	<0.5	NS	1.5	NS	<0.5	NS	NS	NS	NS	NS	NS	NS	<0.5	<0.5	<0.5	<0.5	<0.5	NS, Dry
301 W. Cherry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
305 W. Cherry	0.61	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HIILL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Concentration of cis-1,2-dichloroethene (cis-1,2-DCE; Storet Codes 81686 and 77093) in µg/L - AWQS = 70 µg/L																			
TC-1	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	NS	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-2	NS	<0.5	NS	0.5	NS	<0.5	NS	<0.5	NS	0.53	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-3	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-4	NS	7.2	NS	13	NS	13	NS	NS	NS	NS	NS	NS	NS	34	42	12.8	20.3	NS	NS, Dry
301 W. Cherry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
305 W. Cherry	3.4	6.7	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HIILL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Concentration of trans-1,2-dichloroethene (trans-1,2-DCE; Storet Code 34546) in µg/L - AWQS = 100 µg/L																			
TC-1	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	NS	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-2	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-3	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-4	NS	<0.5	NS	<0.5	NS	<0.5	NS	NS	NS	NS	NS	NS	NS	<0.5	0.81	<0.5	<0.5	<0.5	NS, Dry
301 W. Cherry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
305 W. Cherry	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HIILL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Concentration of vinyl chloride (Storet Code 39175) in µg/L - AWQS = 2 µg/L																			
TC-1	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	NS	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-2	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-3	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TC-4	NS	0.84	NS	2.0	NS	1.5	NS	NS	NS	NS	NS	NS	NS	<0.5	<0.5	0.94	1.71	NS	NS, Dry
301 W. Cherry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
305 W. Cherry	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HIILL	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Bold = Concentration exceeds the ADEQ AWQS
 NS = Not sampled
 AWQS = Aquifer Water Quality Standard
 DNE = Well did not exist

Note: The month and year refer to the sampling event. Some sample data may be from a sample obtained with a month or two of the date shown.
 Note: Where duplicate data were available the highest result is presented.

**Table 3-3
Community Involvement and Public Comment Requirements**

Community Involvement Activity	Regulatory Citation/Rule	Date
Establish Community Involvement Area	A.R.S. §289.02	CIA was established August 2000
Notice of the site listing on the Registry	A.R.S. §287.01	Notice was published in April 2000
Hazardous substance contamination notice	A.R.S. §289.02	Appeared in fact sheet published in September 2000
Establish a CAB selection committee	A.R.S. §289.03	Existing Payson PCE CAB selected the Tonto & Cherry members in 2000
Establish CAB	A.R.S. §289.03	Joined the existing Payson PCE CAB in December 2000
Public notice of CAB meetings	A.R.S. §289.03	All CAB meeting agendas will be posted at all ADEQ offices and on ADEQ's web page. Agendas will be mailed to the site mailing list
Issue notice of RI scope of work, fact sheet and outline of Community Involvement Plan (CIP)	A.R.S. §287.03	Notice was published in December 2000
Fact sheets	A.R.S. §289.03	Fact sheets were distributed in July 2001 and March 2007
Open Houses	A.R.S. §289.03	Held between 1998 and 2002
Establish information repository	A.R.S. §289.03	Established in June 1998; Same as Payson PCE
Notice of availability of draft Land and Water Use Study	A.A.C. R18-16-404	As appropriate to actual site progress/schedule
Notice of opportunity to comment on draft RI report and public meetings to establish Remedial Objectives (ROs)	A.R.S. §289.03	Notice was published on February 20 and 23, 2007. CAB meeting held April 10, 2007.
Notice of availability of proposed RO report	A.A.C. R18-16-406	Notice was published on April 20, 2007
Public meeting to discuss proposed RO report	A.A.C. R18-16-404	CAB meeting was held on April 20, 2007
Public meeting to discuss revised RO report	A.A.C. R18-16-404	N/A
Notice of availability of RO responsiveness summary	A.A.C. R18-16-404	Included in the Final RI report
Notice of availability of final RO report and final RI report	A.A.C. R18-16-406	Notice was published on June 1, 2007
Notice of the availability of the FS work plan	A.A.C. R18-16-404(C)(1)(d)	Notice was published on June 8, 2007
Notice of the FS report	A.A.C. R18-16-407(I)	Notice was published on June 29, 2007
Notice of the availability of the PRAP	A.A.C. R18-16-404(C)(1)(e)	As appropriate to actual site progress/schedule
Public meeting to discuss PRAP	A.A.C. R18-16-404(C)(1)(e)	Dated July 15, 2008
ROD	A.A.C. R18-16-404(C)(1)(f)	Notice was published on November 18, 2008