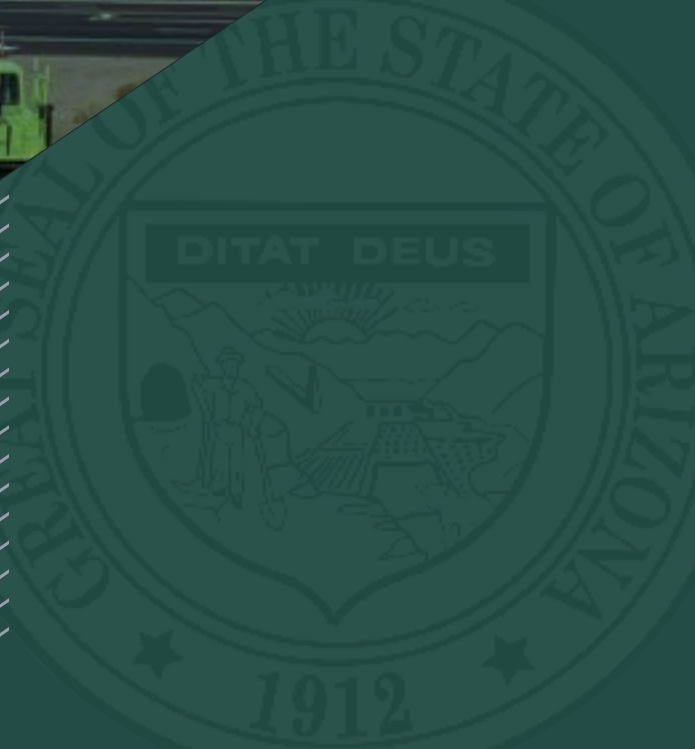




WATER QUALITY ASSURANCE REVOLVING FUND (WQARF)

FY21 ANNUAL REPORT





OUR MISSION AND VISION

The Arizona Department of Environmental Quality’s (ADEQ’s) mission is to protect and enhance public health and the unique environment in Arizona. To achieve this, ADEQ administers the state’s environmental laws and delegated federal programs to prevent pollution of the air, water and land, and to ensure cleanup when pollution occurs.

ADEQ’s vision is to be the No. 1 state in the nation in:

- Balanced, leading edge environmental protection through
- Technical and operational excellence, and
- Radical simplicity for customers and staff.

FOREWORD

To ensure Arizonans have clean water and unencumbered land for development today and for our future, the Water Quality Assurance Revolving Fund (WQARF) program identifies, assesses and mitigates the threat of contamination to groundwater and overlying soil at hazardous waste sites in Arizona. ADEQ has a proven record for cleaning up sites and continually evaluates viable technical and administrative options to speed cleanup through lean management principles. Using the Arizona Management System, we’ve dramatically reduced the average time to implement remedies at WQARF sites from more than eight years in FY14 to just months in FY21.

For the first time in WQARF history, ADEQ successfully advanced all listed sites through the Remedial Investigation (RI) phase to the Feasibility Study (FS) phase of the process. Treatment systems funded at three WQARF sites are continuing to provide essential drinking water for communities in Tucson, Payson and Flowing Wells, and must be a priority. WQARF program funds also are committed to addressing current threats to Tucson’s drinking water supply.

It’s because of this proven record, along with the support of our state legislature, that for the first time since the Great Recession, the WQARF program has been fully funded in the baseline budget from the Corporate Income Tax. This budgetary success is not lost on the agency. We are committed to continuing to identify effective cleanup options, executing well-planned mobilizations to assess contamination efficiently, and deploying innovative cleanup technologies as they are developed and proven. We appreciate this critical funding and are dedicated to continuing to protect public health and the environment using effective financial stewardship.

ADEQ remains steadfast in carefully evaluating and listing new sites that require investigation and cleanup, working with affected communities to ensure community involvement, and moving WQARF sites through the process to cleanup and delisting. With full WQARF funding, we also will continue to respond to emergencies that involve hazardous materials, evaluate impacts from wildfires and continue to monitor Arizona’s surface waters to ensure they meet applicable standards.

I want to personally thank all those involved in ensuring full funding of this important program and for continuing to support the agency and the mission work we do everyday to protect public health and the environment.

Misael Cabrera
Director



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Cover photo portrays a drill rig drilling a monitoring well at the Lake Havasu and Holly WQARF Site.

EXECUTIVE SUMMARY

This report has been prepared for the WQARF as directed in Arizona Senate Bill 1823 (Laws 2021, Chapter 408) and meets the reporting requirements for the both the September 1 and October 1 deadlines.

Created under the Environmental Quality Act of 1986, the WQARF program supports the ADEQ in identifying, prioritizing, assessing and resolving the threat of contaminants in groundwater and overlying soil at sites in the state. In 1997, the WQARF Program underwent significant legislative reform that included a change from joint and several to proportionate liability; ensured annual funding of \$15 million to pay for the orphan share created from the new proportionate liability; enhanced community involvement; flexibility of cleanup methods and goals; and site prioritization.

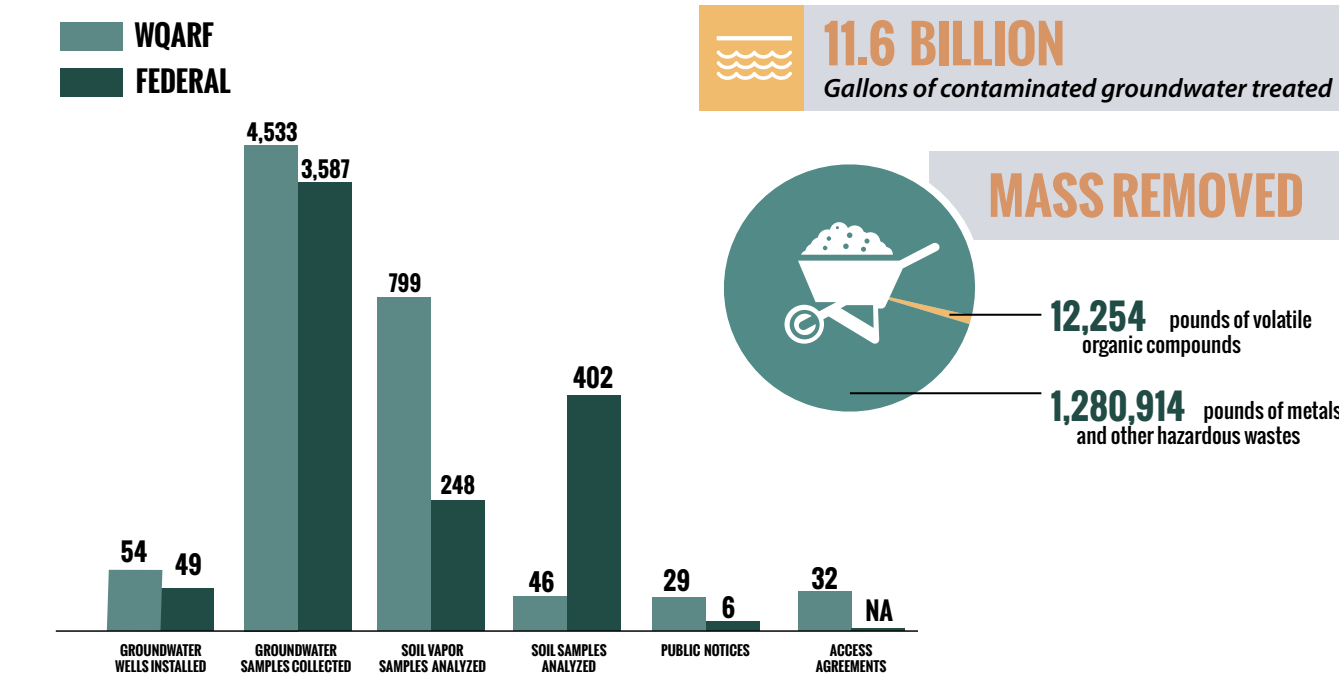
36

of the state’s worst hazardous waste sites are being cleaned up through WQARF

34

additional sites are being monitored or evaluated for WQARF listing

FY21 SUPPORTING ACTIVITIES FOR STATE AND FEDERAL SITES



FY21 MILESTONES

3

| Remedial Investigations Completed

5

| Proposed Remedial Action Plans Completed

1

| Feasibility Study Completed

2

| Records of Decisions Completed

FY22 GOALS

During Operation and Maintenance, WQARF is increasingly focused on optimizing remedy effectiveness and improving technical performance to reduce costs and accelerate cleanup.

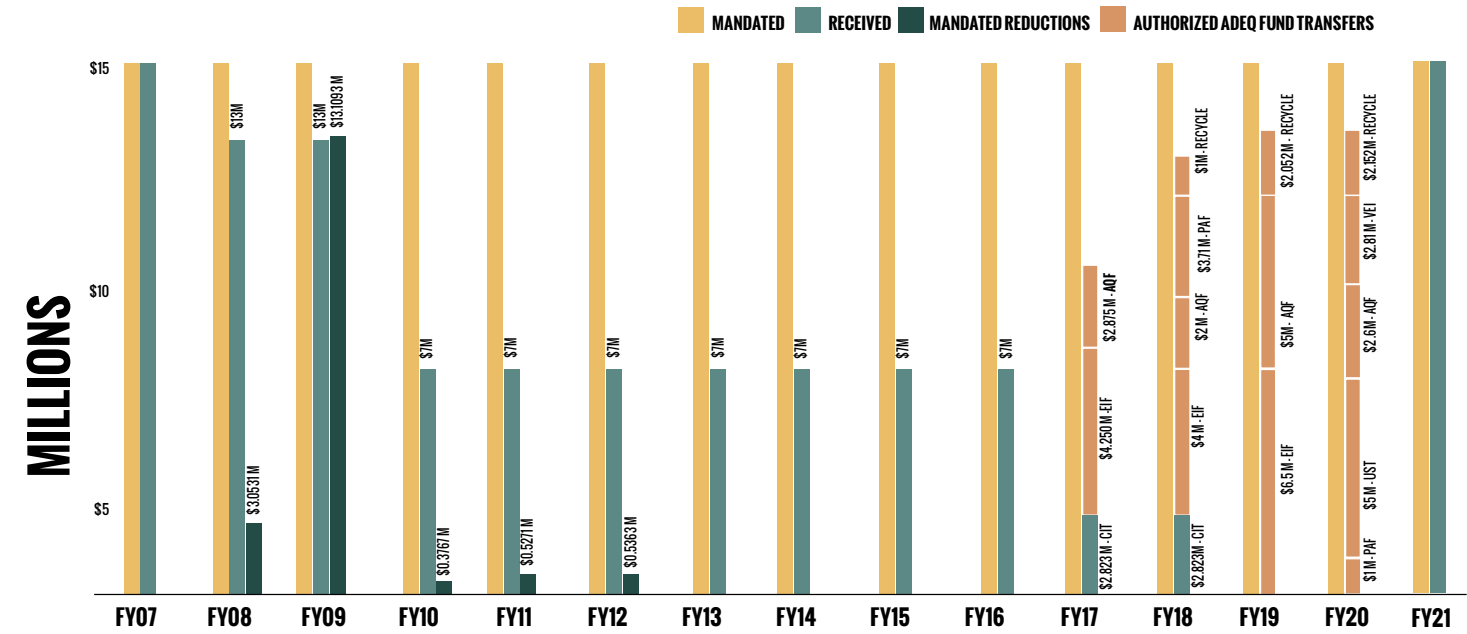
WQARF PROGRAM TIMELINE



WQARF FUNDING

Arizona Revised Statutes (A.R.S) §49-282(B) has specified a cap of \$18 million annually with \$15 million of that coming from Corporate Income Tax (CIT) revenue. In FY20 and FY21, \$15 million was statutorily mandated from the state's general fund for the first time since 2007.

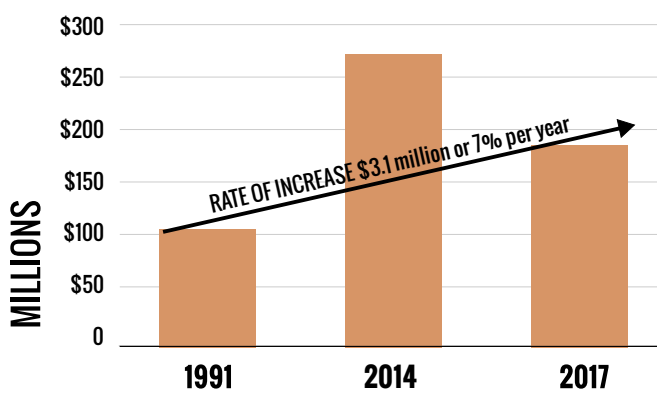
CORPORATE INCOME TAX REVENUE COMPARISON FY07 - FY21



FUNDS ARE USED FOR:

- WQARF Registry | Conduct remedial actions at sites currently in the WQARF program
- 3rd Party Work | Oversee privately funded cleanup efforts at WQARF Registry sites
 - Cross-Program Remedial Action | Cleanup of selected sites and/or water quality data gathering for projects led by other programs within ADEQ
 - Emergency Response | Immediate action to address confirmed contamination or threat of contamination that could impact public health and/or the environment
 - Agency Partners | Work conducted by other State agencies
 - Federal Oversight | Review and oversee work done by the Environmental Protection Agency (EPA) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) 104
 - Voluntary Remediation Program | Oversee voluntary cleanup funded by property owners and other interested parties

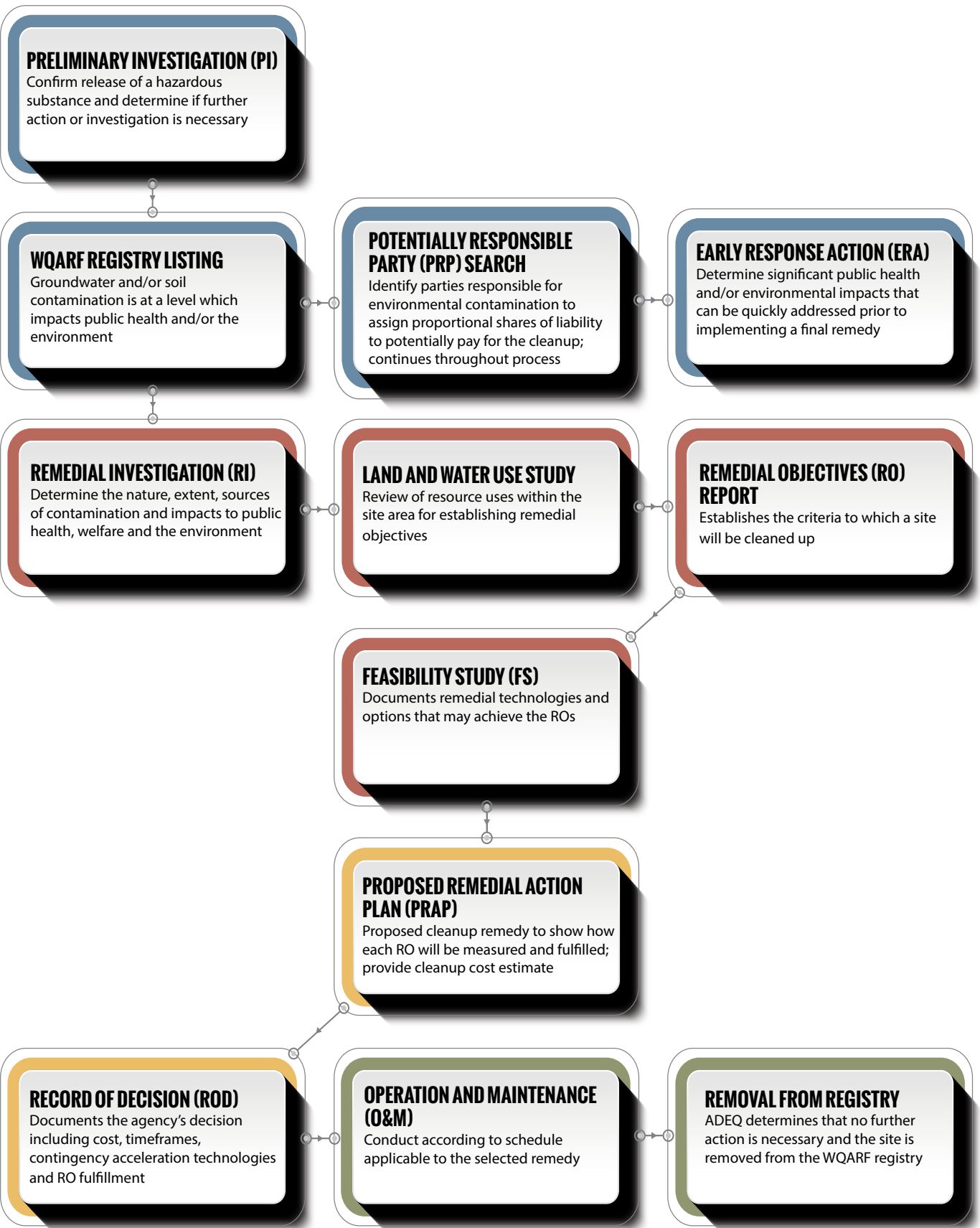
ORPHAN SHARE ESTIMATE



WQARF's orphan share liability estimate was modeled using Remedial Action Cost Engineering Requirements (RACER®) software, supported by AECOM Asset Management Division. Orphan shares mean there is (are) no responsible party (parties) identified to fund their allocated share of cleanup, and State funds may be needed to address contamination.

WQARF's orphan share increased from 35 percent of the total liability in 1991 to 62.5 percent in 2014. In 2017, it was estimated at 58 percent. This means the State remains liable for potentially over half of the cleanup currently needed due to a lack of a 3rd party in place to address the contamination.

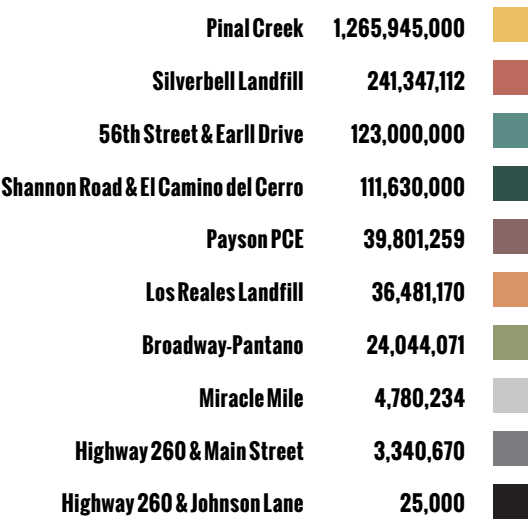
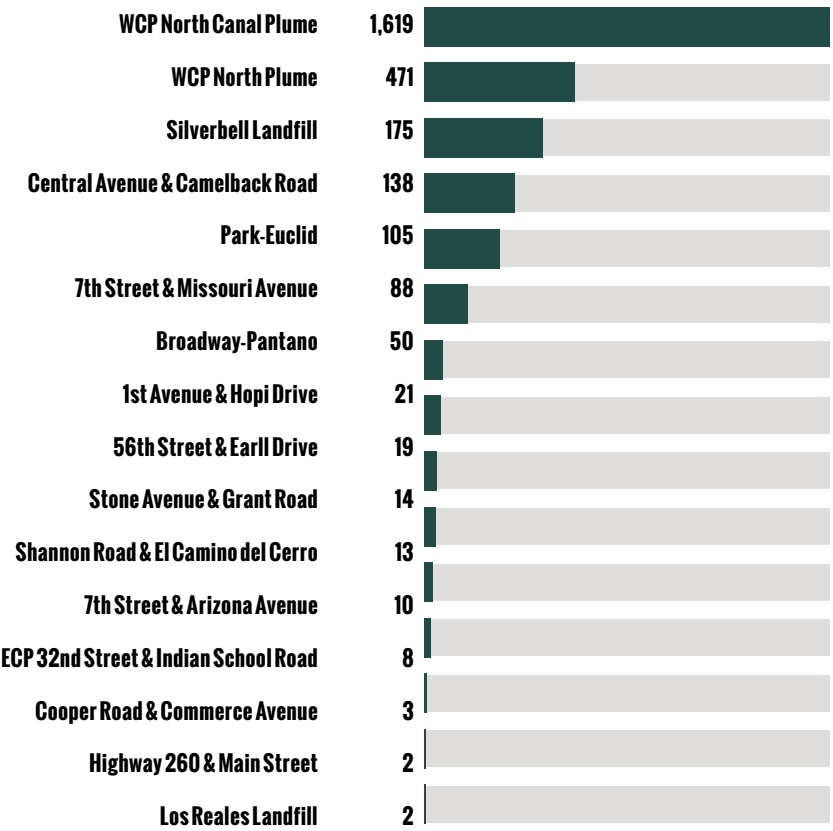
WQARF PHASES AND TERMS



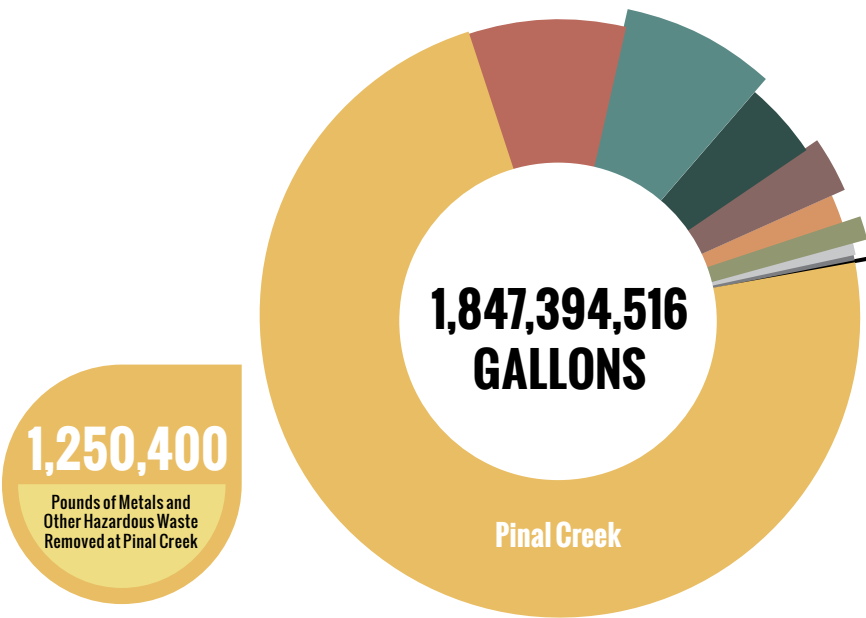
FY21 WQARF SITE MISSION OUTCOMES

REMEDIATION:

Volatile Organic Compounds (VOCs) Removed



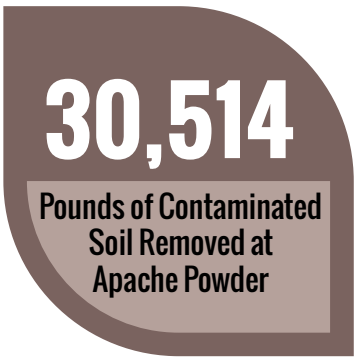
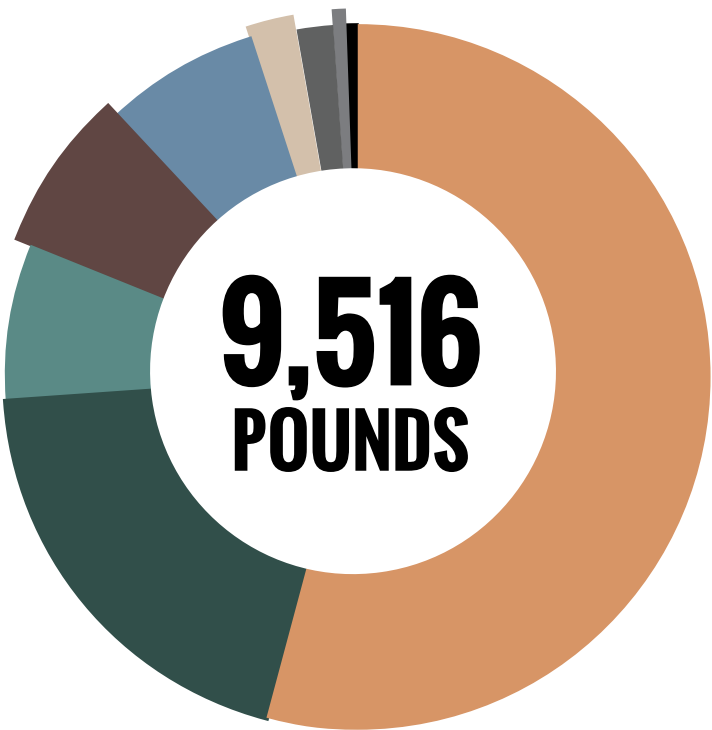
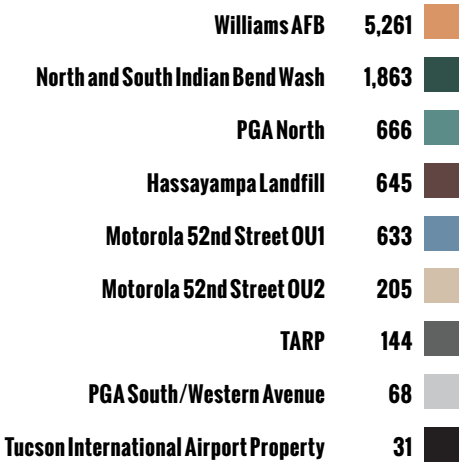
Gallons of Groundwater Treated



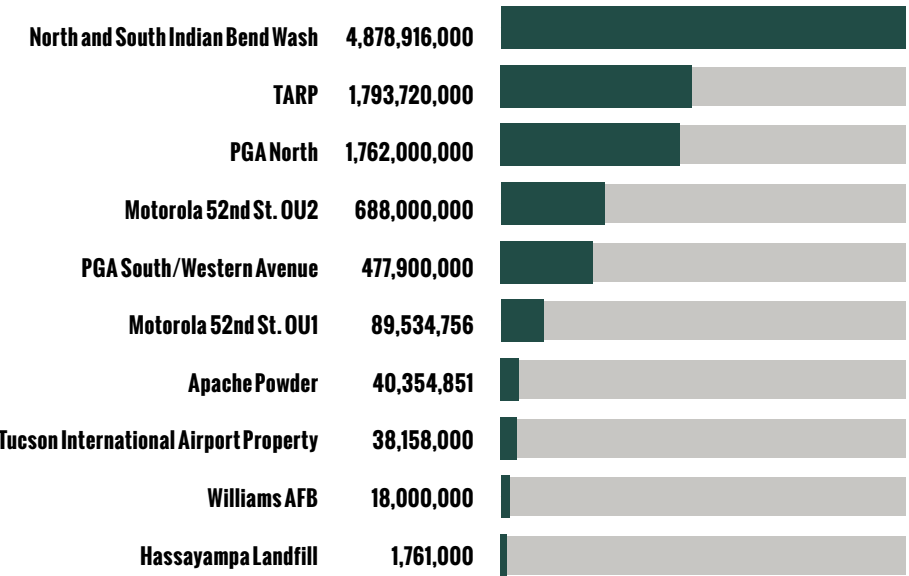
FY21 FEDERAL SITE MISSION OUTCOMES

REMEDIATION:

Volatile Organic Compounds (VOCs) Removed



Gallons of Groundwater Treated



FY21 WQARF REMEDIATION

PDF version available at azdeq.gov/wqarf/2021wqarf_annualreport.pdf. Click each of the following sites to visit associated webpages.

7TH STREET AND ARIZONA AVENUE

Continued operation of SVE system

7TH AVENUE AND BETHANY HOME ROAD



Expanded ERD groundwater treatment system and continued ERD injections to groundwater

16TH STREET AND CAMELBACK

Continued MNA and ERD injections to groundwater

20TH STREET AND FACTOR AVENUE

Continued ERD injections to groundwater; engineered CAP maintenance

56TH STREET AND EARL DRIVE

Continued operation of groundwater pump and treat system

BROADWAY-PANTANO

Engineered cap maintenance; continued ISCO groundwater treatment system at Broadway North Landfill; completed SVE operation at Broadway South Landfill

7TH STREET AND MISSOURI AVENUE



Continued operation of an in-situ groundwater treatment pilot test and continued operation of SVE system

CENTRAL AVENUE AND CAMELBACK ROAD



Continued operation of the SVE system

COOPER ROAD AND COMMERCE AVENUE



Conducted MNA and optimization of SVE system

ECP - 24TH STREET AND GRAND CANAL

Continued operation of in-situ groundwater treatment system

WQARF REMEDIATION CONTINUED

ECP - 32ND STREET AND INDIAN SCHOOL ROAD



Completed Proposed Remedial Action Plan; continued operation of ERD groundwater treatment pilot study and operation of SVE system

ECP - 38TH STREET AND INDIAN SCHOOL

Conducted additional characterization of the groundwater plume

ECP - 40TH STREET AND OSBORN ROAD

Completed Remedial Investigation and Feasibility Study

ECP - 48TH STREET AND INDIAN SCHOOL ROAD

Continued groundwater monitoring and sampling of contaminant plume

ESTES LANDFILL

Continued MNA

HIGHWAY 260 AND JOHNSON LANE

Completed Record of Decision; continued operation of 3 wellhead treatment systems

LAKE HAVASU AVENUE AND HOLLY AVENUE



Completed Remedial Investigation; initiated ERD groundwater treatment pilot test

HIGHWAY 260 AND MAIN STREET



Completed Remedial Investigation; installed and operated 10 new wellhead treatment systems; continued to operate existing wellhead treatment systems; initiated ERD groundwater treatment pilot test

KLONDYKE TAILINGS PROJECT

Maintenance of engineered repository

LOS REALES LANDFILL

Continued operation of pump and treat system

MILLER VALLEY AND HILLSIDE AVENUE

Conducted in-situ groundwater treatment pilot study

MIRACLE MILE

Completed Proposed Remedial Action Plan; continued operation of wellhead treatment system; data collection for the Record of Decision; provided bottled water to residents of mobile home with impacted drinking water



WQARF REMEDIATION CONTINUED

PARK-EUCLID

Completed Record of Decision and continued operation of SVE system

PAYSON PCE

Continued operation of groundwater treatment system

PINAL CREEK

Continued source control, groundwater remediation, and groundwater monitoring

SHANNON ROAD/EL CAMINO DEL CERRO

Continued operation of a groundwater treatment system for Metro Water to supply drinking water to residents

SILVERBELL LANDFILL

Continued operation of groundwater extraction and treatment system

SOUTH MESA

Continued operation of ISCO groundwater treatment pilot test

STONE AVENUE AND GRANT ROAD



Continued operation of SVE system

VULTURE MILL

Maintenance on soil cap

WCP - EAST GRAND AVENUE

Completed Proposed Remedial Action Plan; conducted groundwater monitoring and sampling

WCP - NORTH CANAL PLUME



Completed Proposed Remedial Action Plan; continued operation of SVE system

WCP - NORTH PLUME



Continued ERD injections to groundwater; operation and optimization of SVE system

WCP - WEST OSBORN COMPLEX



Completed Proposed Remedial Action Plan; continued groundwater monitoring

WESTERN AVENUE PLUME

Continued operation of groundwater treatment system and MNA

WEST VAN BUREN

No significant activity

WQARF REMEDIATION CONTINUED

REMOVED FROM REGISTRY

1. Harrison Road and Millmar Road Dross (Tucson) | FY20
2. WCP - West Grand Avenue (Phoenix) | FY17
3. ECP - 40th Street and Indian School Road (Phoenix) | FY17
4. Tyson Wash (Quartzite) | FY17
5. Tonto and Cherry (Payson) | FY14
6. East Washington Fluff (Phoenix) | FY13

COMMUNITY INVOLVEMENT ACTIVITIES

- 32** | Signed Access Agreements
- 29** | Public Notices
- 11** | Community Advisory Board Meetings

REMEDIATION ACRONYMS

- ERD** | Enhanced Reductive Dechlorination
- GAC** | Granulated Activated Carbon
- ISCO** | In-Situ Chemical Oxidation
- MNA** | Monitored Natural Attenuation
- SVE** | Soil Vapor Extraction

WQARF STATUS

SITE	ERA			RI			FS			PRAP			ROD			O&M		
An 'X' indicates the WQARF phase the Site was in during the fiscal year displayed at the top of the column.	FY20	FY21	FY22	FY20	FY21	FY22	FY20	FY21	FY22	FY20	FY21	FY22	FY20	FY21	FY22	FY20	FY21	FY22
7th Street and Arizona Avenue	X									X			X	X	X	X	X	X
7th Avenue and Bethany Home Road													X	X	X	X	X	X
7th Street and Missouri Avenue	X	X								X	X				X			X
16th Street and Camelback													X	X	X	X	X	X
20th Street and Factor Avenue													X	X	X	X	X	X
56th Street and Earll Drive	X	X	X				X	X	X							X	X	X
Broadway-Pantano	X	X	X										X	X	X			
Central Avenue and Camelback Road	X	X												X	X			
Cooper Road and Commerce Avenue													X	X	X		X	X
ECP - 24th Street and Grand Canal	X	X	X				X			X					X			X
ECP - 32nd Street and Indian School Road	X	X	X							X			X	X	X			
ECP - 38th Street and Indian School Road								X	X									
ECP - 40th Street and Osborn Road				X	X			X				X						
ECP - 48th Street and Indian School Road				X			X			X	X	X						
Estes Landfill													X	X	X	X	X	X
Highway 260 and Johnson Lane										X				X	X		X	X
Highway 260 and Main Street	X	X	X	X	X			X				X						
Klondyke Tailings Project													X	X	X	X	X	X
Lake Havasu Avenue and Holly Avenue	X	X	X	X	X			X	X			X						
Los Reales Landfill (Old WQARF*)													X	X	X	X	X	X
Miller Valley and Hillside Avenue	X	X	X	X				X				X			X			
Miracle Mile	X	X	X				X				X				X			
Park-Euclid	X									X				X	X		X	X
Payson PCE														X	X	X	X	X
Pinal Creek (Old WQARF*)														X	X	X	X	X
Shannon Road/El Camino del Cerro	X	X	X							X			X	X	X			
Silverbell Landfill (Old WQARF*)														X	X	X	X	X
South Mesa														X	X	X	X	X
Stone Avenue and Grant Road	X	X	X				X				X			X			X	X
Vulture Mill																X	X	X
WCP - East Grand Avenue											X			X	X		X	X
WCP - North Canal Plume	X	X	X							X				X	X			
WCP - North Plume													X			X	X	X
WCP - West Osborn Complex	X	X								X					X			X
Western Avenue Plume														X	X	X	X	X
West Van Buren							X	X	X									

* Under Old WQARF, Remedial Action Plans (RAPs) are equivalent to RODs

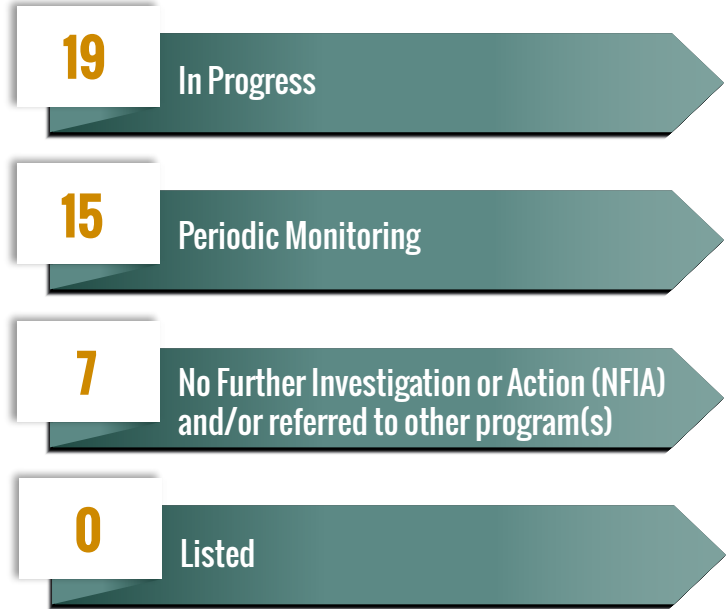


FY21 WQARF
PROGRESS



WQARF PHASES COMPLETED

PI



RI

- East Central Phoenix - 40th Street and Osborn Road (Phoenix)
- Highway 260 and Main Street (Cottonwood)
- Lake Havasu Avenue and Holly Avenue (Lake Havasu)

FS

- East Central Phoenix - 48th Street and Indian School Road (Phoenix)

PRAP

- East Central Phoenix - 32nd Street and Indian School Road (Phoenix)
- West Central Phoenix - East Grand Avenue (Phoenix)
- West Central Phoenix - North Canal Plume (Phoenix)
- West Central Phoenix - West Osborn Complex (Phoenix)
- Miracle Mile (Tucson)

ROD

- Highway 260 and Johnson Lane (Pinetop-Hillside)
- Park-Euclid (Tucson)

3RD PARTY WORK

ADEQ also oversees WQARF site investigation and remedial activities that cooperating parties pay for and conduct. Costs ADEQ incurs for this oversight are recoverable.

Site	3rd Party	Terms of Activity
56th Street and Earll Drive	NXP USA, Inc. (formerly Freescale Semiconductor, Inc.)	Consent Order
Los Reales Landfill	City of Tucson	Remedial Action Plan
Park-Euclid	Park-Euclid Group	Working Agreement
Pinal Creek	Freeport McMoRan Inc. as successors of interest under a Consent Decree; BHP and Pinal Creek Working Group	Consent Decree
Silverbell Landfill	City of Tucson	Remedial Action Plan
West Central Phoenix (WCP) - East Grand Avenue	Univar	Working Agreement
West Van Buren	Air Liquide America Specialty Gases LLC	Amended Consent Order

CROSS-PROGRAM REMEDIAL ACTION

Program monies can also be used to perform Remedial Actions pursuant to A.R.S. §49-281(12) and §49-282(E)(2)(a), as well as to fund cleanup of selected sites to protect public health and the environment from a release or threat of release of a hazardous substance or pollutant under authority of A.R.S. §49-282.02.

Under this authority, the WQARF program conducted work at the following sites:

CENTRAL TUCSON PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) CHARACTERIZATION AND DEMONSTRATION TREATMENT PROJECT

ADEQ installed seven monitoring wells to characterize the nature and extent of PFAS in the groundwater in central Tucson. ADEQ also initiated the design and construction demonstration remedy which consists of a wellhead treatment system at Tucson Water Well C-007A to remove PFAS from drinking water. The construction of the demonstration remedy is continuing into FY22.

MOUNTAIN VIEW ESTATES

Performed O&M of a soil cap for this former Superfund site.

Under this authority, the WQARF program also assisted the ADEQ Water Quality Division with the following:

SURFACE WATER QUALITY IMPROVEMENT

WQARF money helps provide the ADEQ Surface Water Quality Improvement Value Stream with data necessary to evaluate the quality of Arizona’s waterbodies, develop watershed improvement plans, assess projects implemented and improve water quality throughout Arizona.

- ADEQ’s Quality Assurance Program Plan was approved by EPA on February 16, 2020.
- Collected and analyzed 246 samples from 81 stream sites.
- Collected and analyzed 27 samples from 8 lakes.
- Completed 63 Streamflow Duration Assessment Method sites in support of the Surface Water Protection Program.
- Even during the global COVID-19 pandemic, ADEQ’s Citizen Science Program, Arizona Water Watch, virtually trained 13 volunteer groups to sample waterbodies and collect important data.
- WQARF dollars helped remediate several legacy mining sites in FY21, helping to alleviate metal contamination in nearby impaired surface waters.

EMERGENCY RESPONSE

Program monies fund a wide array of critical remedial response actions taken by the Emergency Response Unit (ERU) to protect public health and the environment from a release or threat of release of a hazardous substance or pollutant through A.R.S. §49-282(E)(8).

ADEQ’s Emergency Response Unit is on call 24/7 and worked with first responders and local emergency response authorities to respond to 104 incidents since FY2018. These include the 2021 Friedmans’ six-alarm recycling fire – the largest in City of Phoenix history – and the Union Pacific Railroad rail car derailment at Tempe Town Lake in 2020.

These actions range from, but are not limited to:

- Responding to chemical spills
- Coordinating statewide emergency response actions (e.g., wildfires)
- Serving on multi-agency taskforces to address potential statewide health risks
- Monitoring air quality during unplanned or emergency events (e.g., industrial facility fires)
- Detecting and identifying potentially harmful chemicals for fire departments and public safety personnel

PREPAREDNESS RESPONSE SUMMARY



AIR QUALITY MONITORING SUPPORT FOR EMERGENCY RESPONSE

ADEQ ERU has partnered with Maricopa County Air Quality Division as the emergency response provider for incidents that occur after business hours. This initiative also includes assisting public safety personnel with air quality monitoring during incidents that have a high impact to the community in metropolitan areas in Maricopa County.

Since initiation of the program in November 2017, ADEQ ERU has provided support for:

- Over a dozen incident responses for air quality monitoring in the Phoenix area and over a dozen incidents for counties surrounding Maricopa

WILDFIRE SMOKE MONITORING

ERU conducted air quality and smoke monitoring for the Sawmill Fire and provided data for the Telegraph, Mescal, and Backbone Fires to help emergency managers make decisions regarding residents’ safety. ERU also coordinated with the Air Quality Division to produce a single source of accurate and timely information regarding wildfires around the state and the overall impact that wildfires have on communities. This coordination is an ongoing effort.

AGENCY PARTNERS

ARIZONA DEPARTMENT OF WATER RESOURCES (ADWR)

Program monies can be used to fund support services to WQARF by the ADWR pursuant to A.R.S. §49-282(C) and §49-282(E)(12).

These services are part of the Arizona Water Quality Fund Program and include, but are not limited to:

- Performing technical review of well applications, such as Notices of Intent (NOIs) to Drill/Abandon/Deepen/Modify/Replace a Well, Applications to Drill and Operate a Non-Exempt Well, and Groundwater Withdrawal Permits* and consult with ADEQ regarding new wells, abandonments, modifications to wells near remedial action sites
- Conducting well inventories to support WQARF program, as requested**
- Coordinating with ADEQ regarding database needs in support of WQARF program*
- Establishing a mechanism to exchange verified well locations and GPS measurements within ADWR’s Well Registry (WELLS55) database**
- Performing other WQARF and water quality activities as required by statute, rule or Interagency Service Agreement (ISA)

*Required by statute or law

**Recommended by Groundwater Cleanup Task Force

FY21 ARIZONA WATER QUALITY FUND PROGRAM ACCOMPLISHMENTS

5,529 Reviews of NOIs to Drill/Abandon/Deepen/Modify/Replace wells for proximity to WQARF/CERCLA or other remedial action sites

1,129 Reviews of NOIs to Drill/Abandon/Deepen/Modify/Replace wells near or within WQARF/CERCLA or other remedial action sites for water quality concerns, potential contaminant plume migration and well construction

120 Review of permit application to withdraw groundwater for proximity to WQARF/CERCLA or other remedial action sites

4 Quarterly reports submitted to ADEQ as required by ISA

1 Annual report on ADWR WQARF activities submitted to the Governor, Legislature and WQARF Program

Over the last five years, ADWR successfully designed and employed a more efficient process for collaborative review of NOIs near remedial action sites and selected the project as a Lean Transformation in Government project.

ARIZONA DEPARTMENT OF HEALTH SERVICES (ADHS)

Program monies can be used to fund assessment and evaluation of hazardous substances to public health by the ADHS pursuant to A.R.S. §9-282(E)(15).

ADHS did not request funding in FY21.



FY21 WQARF FINANCIALS



FY21 WQARF COST RECOVERY ACTIVITY

Pursuant to A.R.S. § 49-282(E)(1), WQARF can be used to provide state-matching funds or to meet other obligations as prescribed by §104 of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). WQARF funds are also used for oversight activities at state-lead CERCLA sites, which are reimbursed by the responsible parties. Cost reimbursement activities at WQARF and CERCLA sites supported by ADEQ are provided in the following table.

SITE CODE	WQARF SITE	NUMBER OF PACKAGES	THIRD-PARTY
030016-99	Camp Navajo DEMA	4	15,366.38
040010-00	Pinal Creek	2	15,651.26
040042-00	Copper Cities Unit	2	1,198.49
040050-00	Miami Tailings Reprocessing	2	4,126.70
040098-00	Magma Copper Old Dominion Mine	1	41.98
400000-04	North Indian Bend Wash	1	15,322.07
509216-00	56th Street and Earll Drive	2	15,676.75
512051-00	Maroon Crater	4	669.46
512357-00	Honeywell 34th Street	4	23,337.67
512472-00/01	Park Euclid	6	5,794.04
512820-00	Kingman Range NDNODS	4	13,078.80
070241-01	Papago Park Military Reservation	4	3,209.75
501170-00	Silverbell Army Heliport	4	7,857.12
508738-00	Air Liquide Specialty Gas LLC	1	368.00
513284-00	Fort Tuthill	4	21,128.69
030016-15	Camp Navajo	4	5,446.86
Total Reimbursement Requested		49	148,274.02
Total Payments Received*			134,379.98

*Requests for reimbursement are sent to responsible parties quarterly. The difference between the requested and received amount reflects an outstanding balance, which may be paid in the following fiscal year.

WQARF REVENUES AND EXPENDITURES

Note:
All figures expressed in thousands.

BALANCE	FY20 ACTUAL	FY21 PROJECTION	FY21 ACTUAL
Beginning Fund Balance - WQARF & Priority Sites	2,577.9	3,942.7	3,942.7
Beginning Fund Balance - Site-Specific Account	443.7	294.2	297.5
Subtotal: Funds Available	3,021.6	4,236.9	4,240.2
Prior Year Corporate Income Tax Reversion	0.0	0.0	0.0
Total Balance from Prior Year	3,021.6	4,236.9	4,240.2

REVENUE SUBJECT TO 18M CAP	FY20 ACTUAL	FY21 PROJECTION	FY21 ACTUAL
Corporate Income Tax (CIT)	0.0	15,000.0	15,000.0
Emissions Inspection Fund	2,800.0	0.0	0.0
Air Quality Fund	2,600.0	0.0	0.0
Underground Storage Tank Fund	5,000.0	0.0	0.0
Permit Administration Fund	1,000.0	0.0	0.0
Recycling Fund	2,152.0	0.0	0.0
FEES:			
Municipal Water (A.R.S. 42-5302) (4199)	642.3	615.0	846.9
Fertilizer Registration (A.R.S. 3-272)	13.3	69.8	118.0
HW Facility Registration Fee (A.R.S. 49-929/49-930)	0.0	238.0	215.3
HW Manifest Re-submittal Fee (A.R.S. 49-922.01)	0.0	0.0	0.0
Industrial Discharge Permit Fee (A.R.S. 49-209)	0.0	13.1	27.7
Pesticide Registration (A.R.S. 3-351)	1,239.3	999.3	1,220.6
Quality Assurance Fee (A.R.S. 45-616)	0.0	0.0	0.0
Subtotal: Fees	1,894.9	1,935.2	2,428.5
Total Revenue Subject to 18M Cap	15,446.9	16,935.2	17,428.5

REVENUE NOT SUBJECT TO 18M CAP	FY20 ACTUAL	FY21 PROJECTION	FY21 ACTUAL
Consent Decrees	231.0	0.0	2.8
Cost Recovery (A.R.S. 49-282)*	237.9	0.0	134.4
Responsible Parties	468.9	0.0	137.2
*Includes revenue from prior year packets			
Prospective Purchaser Agreement (A.R.S. 49-285.01)	10.0	0.0	29.1
Interest (A.R.S. 49-282)	81.2	52.6	53.2
Other Income	68.5	0.0	254.9
Other Revenue	159.7	52.6	337.2
Total: Revenue Not Subject to 18M Cap	628.6	52.6	474.4

Beginning Balance and Revenue	19,097.1	21,224.7	22,143.1
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EXPENDITURES	FY20 ACTUAL	FY21 PROJECTION	FY21 ACTUAL
Non-Site Expenditures	6,563.0	7,690.4	6,776.9
Site Expenditures	8,136.5	10,000.0	10,076.4
Transfers Out	157.4	130.0	140.0
General Fund Sweep	0.0	0.0	0.0
Total Expenditures	14,856.9	17,820.4	16,993.3

WQARF EXPENDITURE STATEMENT

Note:
All figures expressed in thousands.

CORE EXPENDITURES	FY22 SPENDING PLAN
WQARF Professional & Support Staff	4,766.6
Professional & Outside - Remedial Projects	177.1
Hydrologic Support & Assessment	1,389.6
Professional & Outside Hydrologic Support & Assessment	630.0
Emergency Response	526.4
Attorney General's Office	402.0
PRP Identification/Liability	75.0
Litigation	0.0
Appeals	0.0
Advisory Board	0.0
Rule Development	0.0
Community Involvement/General WQARF	0.0
Core Expenditures	7,966.7

REGISTRY SITES AND PRELIMINARY INVESTIGATIONS (PI)	FY22 SPENDING PLAN
RI/FS - Site-Specific WQARF	1,150.0
Clean up - Site-Specific WQARF	2,425.0
ERA	3,725.0
O&M	2,280.0
Community Involvement	20.0
Preliminary Investigations (PI)	400.0
Registry Sites & PI	10,000.0

Subtotal: WQARF Program	\$17,966.7
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TRANSFERS AND DISBURSEMENTS	FY22 SPENDING PLAN
Department of Health Services - Risk Assessment	0.0
Department of Water Resources - Appropriation Transfer Out	130.0
Aid to Municipalities	0.0
Voluntary Program	0.0
Subtotal: Transfers & Disbursements	130.0

Total Disbursements	\$18,096.7
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* Money reimbursed by Federal Projects Unit for cost recovery not included in sites total

WQARF SITE BUDGET

SITE	FY22 PROJECTED BUDGET
16TH STREET & CAMELBACK ROAD	\$25,000
19TH & OSBORN (PI SITE)	\$150,000
20TH STREET & FACTOR AVENUE	\$400,000
27TH & GLENDALE (PI SITE)	\$200,000
51ST STREET & CAMELBACK ROAD	\$425,000
56TH STREET & EARLL DRIVE	\$25,000
7TH AVENUE & BETHANY HOME ROAD	\$300,000
7TH STREET & ARIZONA AVENUE	\$150,000
7TH STREET & MISSOURI AVENUE	\$275,000
BAHAMA & BIMINI	\$475,000
BROADWAY-PANTANO	\$450,000
CENTRAL AVENUE & CAMELBACK ROAD	\$125,000
CENTRAL TUCSON PFAS PROJECT	\$1,500,000
COOPER ROAD & COMMERCE AVENUE	\$125,000
ECP - 24TH STREET & GRAND CANAL	\$250,000
ECP - 32ND STREET & INDIAN SCHOOL ROAD	\$250,000
ECP - 38TH STREET & INDIAN SCHOOL ROAD	\$250,000
ECP - 40TH STREET & OSBORN ROAD	\$25,000
ECP - 48TH STREET & INDIAN SCHOOL ROAD	\$25,000
ESTES LANDFILL	\$25,000
HIGHWAY 260 & JOHNSON LANE	\$75,000
HIGHWAY 260 & MAIN STREET	\$175,000
KLONDYKE MINE TAILINGS PROJECT	\$25,000
LAKE HAVASU & HOLLY AVENUE	\$750,000
LOS REALES LANDFILL (old WQARF)	\$0
MILLER VALLEY ROAD & HILLSIDE AVENUE	\$500,000
MIRACLE MILE	\$400,000
PARK-EUCLID	\$300,000
PAYSON PCE (Town of Payson)	\$25,000
PINAL CREEK (old WQARF)	\$0
SHANNON ROAD/EL CAMINO DEL CERRO	\$150,000
SILVERBELL LANDFILL	\$0
SOUTH MESA	\$25,000
STONE AVENUE & GRANT ROAD	\$250,000
VULTURE MILL	\$25,000
WALBASH & RENO (PI SITE)	\$750,000
WCP - EAST GRAND AVENUE	\$0
WCP - NORTH CANAL PLUME	\$150,000
WCP - NORTH PLUME	\$325,000
WCP - WEST OSBORN COMPLEX	\$200,000
WEST VAN BUREN	\$0
WESTERN AVENUE	\$25,000
VARIOUS PRELIMINARY INVESTIGATIONS	\$400,000
WQARF SITE BUDGETS FY 22	\$10,000,000

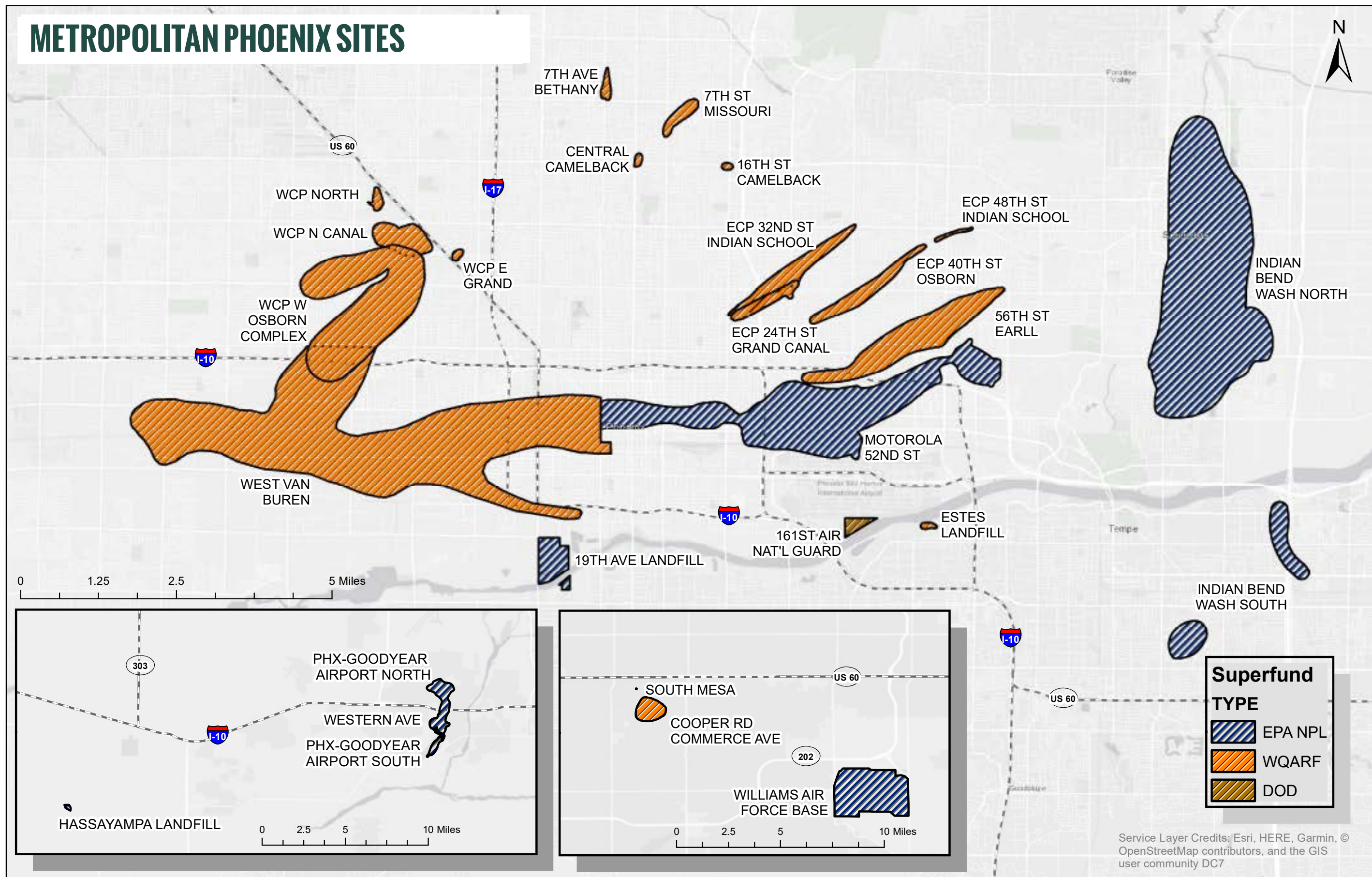
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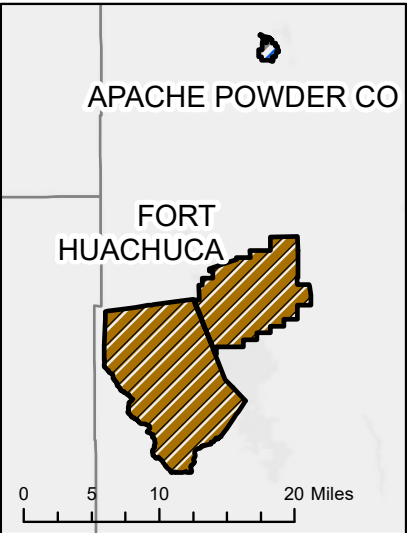
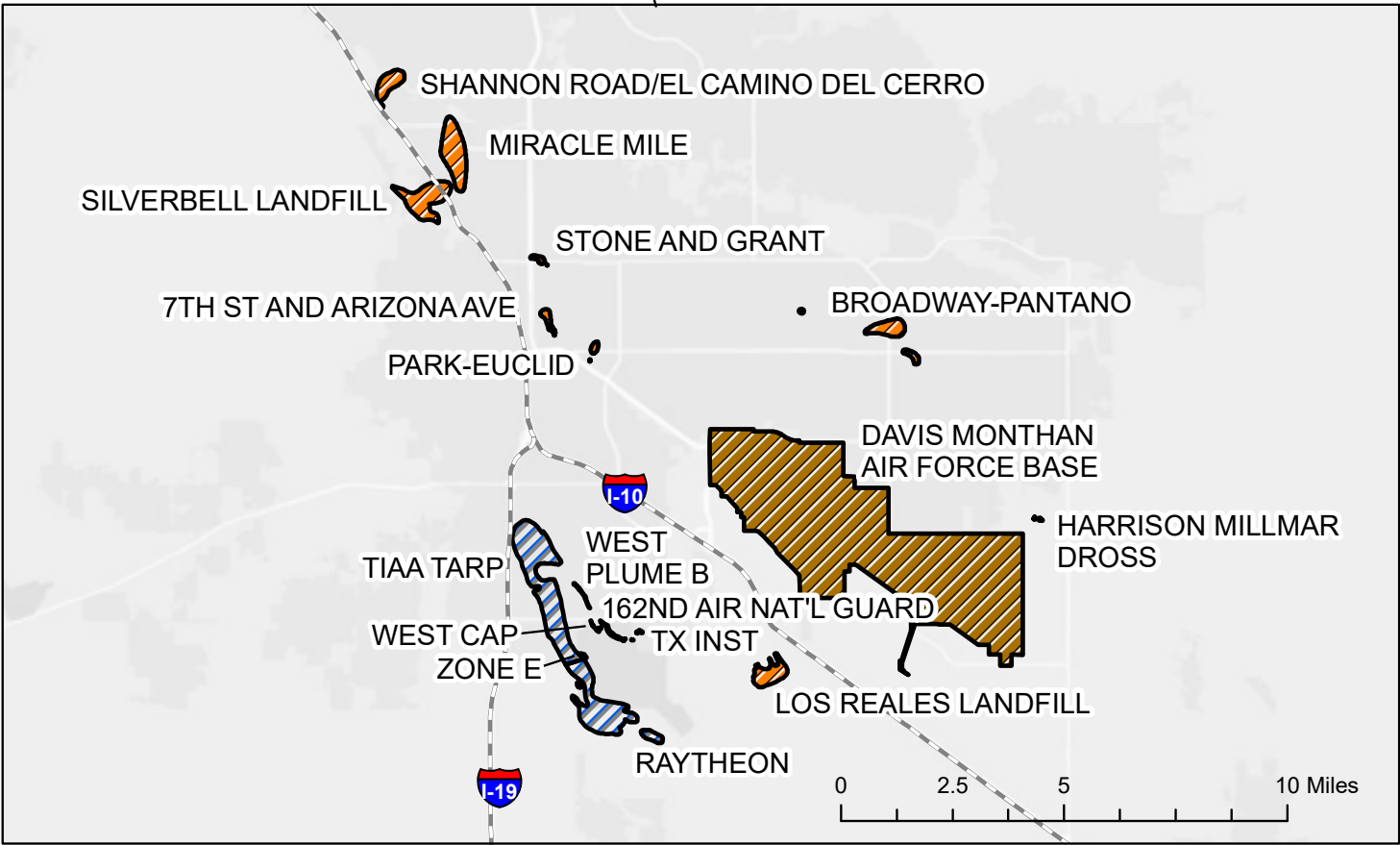
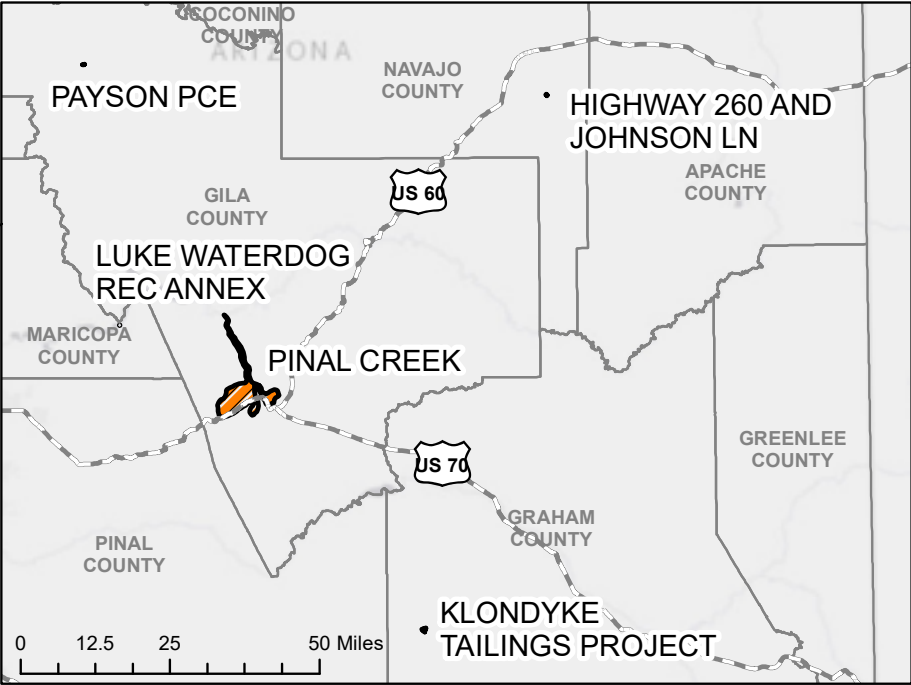
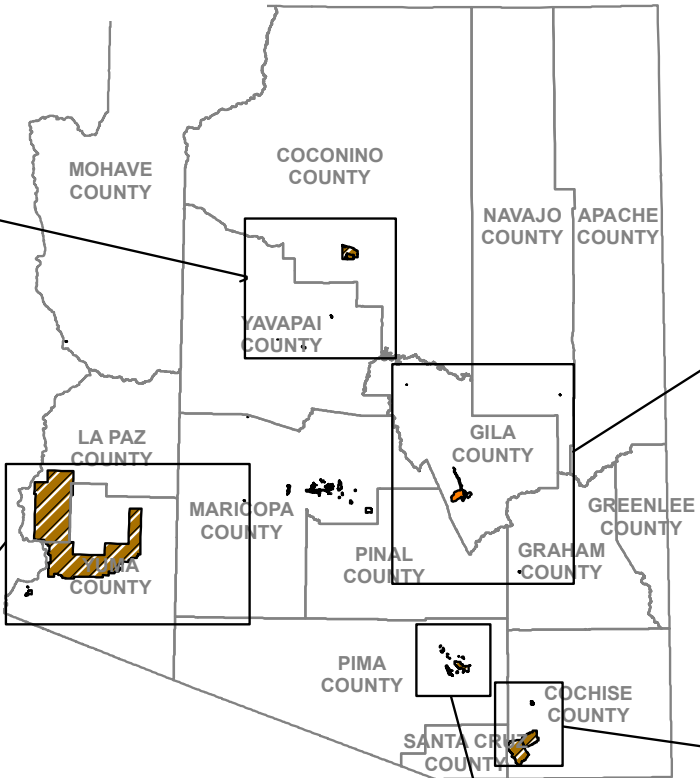
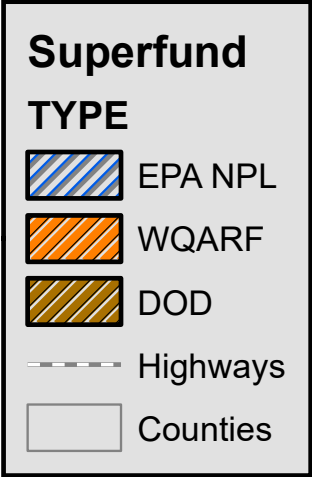
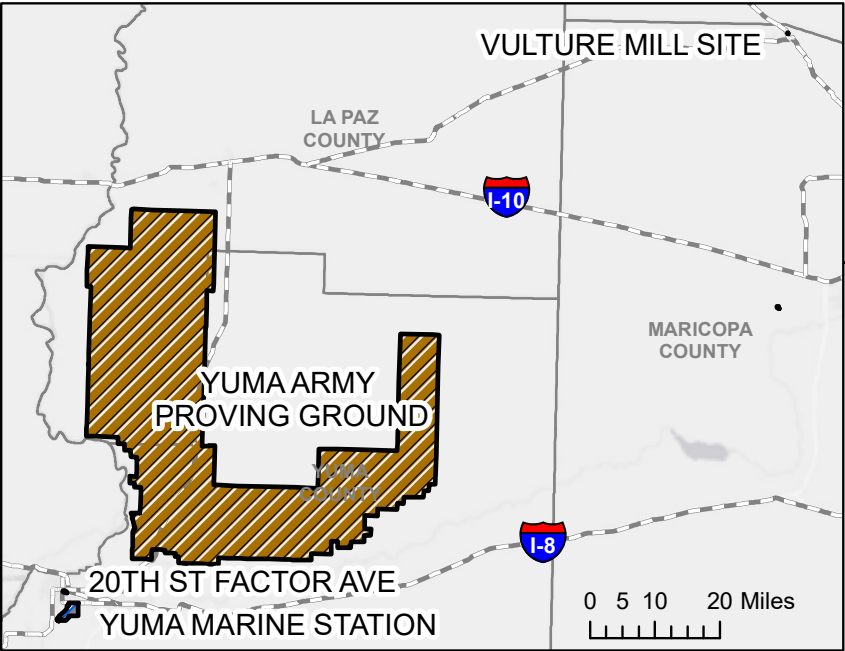
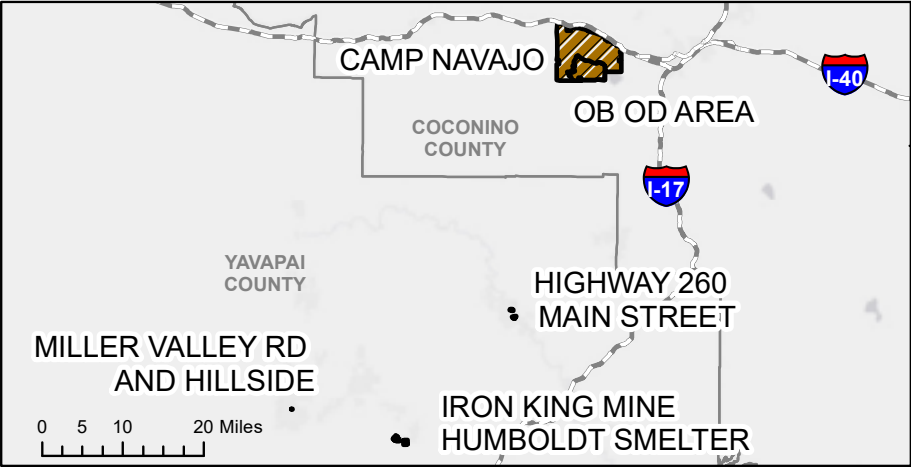
FIGURES



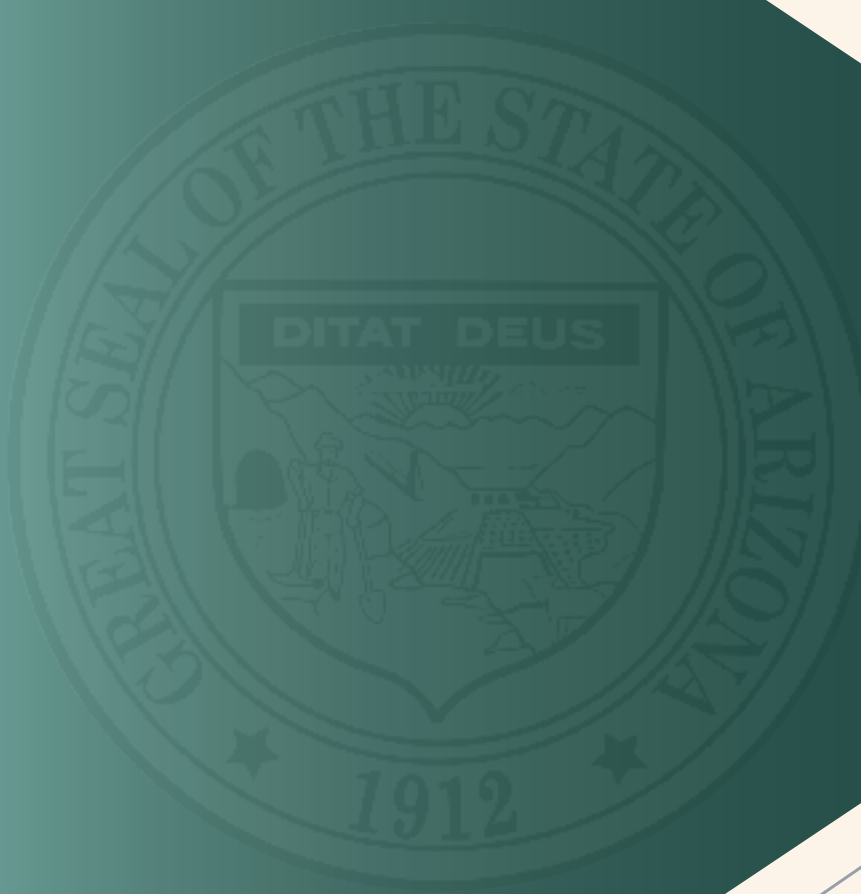
METROPOLITAN PHOENIX SITES



STATEWIDE SITES



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WATER QUALITY ASSURANCE REVOLVING FUND FY21 ANNUAL REPORT

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