SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.1 Drinking Water Plan Review

Continued

1.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report numbers of permitting decisions on drinking water plan review applications. POU/POE approvals are included in the ATC/AOC numbers.			
a Approvals to Construct (ATC)	12/31/2017	12/31/2017	Drinking Water
Q1 Status Q1 = 59			
Q2 Status Q2 = 38			
Q3 Status Q3 =			
Q4 Status Q4 =			
b Approvals of Construction (AOC)	12/31/2017	12/31/2017	Drinking Water
Q1 Status Q1 = 30			
Q2 Status Q2 = 29			
Q3 Status Q3 =			
Q4 Status Q4 =			

1.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	1.50	85,930	37,809	38,445		162,184
VEI DWSRF Match	0.42	12,093	5,321	5,410		22,824
15% Set Aside	1.25	47,757	21,013	21,366		90,136
10% Set Aside	1.50	80,253	35,311	35,905		151,469
TOTALS	**4.67**	**226,033**	**99,454**	**101,126**		**426,613**

End of Year Summary

ATC = Q1 59 + Q2 38 + Q3 + Q4 = 97
AOC = Q1 30+ Q2 29 + Q3 + Q4 = 59

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SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.2 Drinking Water Technical Assistance

Continue WIFA/DEQ partnership in providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate.

1.2 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1	Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA.	4/15/2018		Drinking Water
	Q1 Status			
	Q2 Status			
	Q3 Status			
	Q4 Status			
2	Assign technical assistance projects to state approved contractors and oversee contractor performance. Apply system level TA, which may include fundable ranges outlined in WIFA's Intended Use Plan (IUP), within 30 days after SEs are approved by the state.	Semi-Annually		Drinking Water
	Q1 Status			
	Q2 Status 14 task assignments issued, 7 completed			
	Q3 Status			
	Q4 Status			
3	Report the decrease in missed monitoring violations for lead and copper	4/15/2018		Drinking Water
	Q1 Status			
	Q2 Status			
	Q3 Status			
	Q4 Status			
4	Report the technical assistance provided to small PWS with a high score on the MPL	Semi-Annually		Drinking Water
	Q1 Status			
	Q2 Status 8 small PWSs			
	Q3 Status			
	Q4 Status			
5	Report the the number of small PWSs in compliance	6/30/2018		Drinking Water
	Q1 Status			
	Q2 Status At the midyear, 87.2% of small PWS are in compliance with the SDWA.			
	Q3 Status			
	Q4 Status			

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SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.2 Drinking Water Technical Assistance

Continued

1.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
6 If resources are available, ADEQ will attend the national Capacity Development and Operator Certification conference/workshop	6/30/2018		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
7 If resources are available, ADEQ will attend the EPA -ORD Small Systems Compliance Technology Workshop	6/30/2018		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
8 Report the number of small PWS which a water rate analysis/rate case was completed.	Semi-annually		Drinking Water
Q1 Status			
Q2 Status 0 (still determining capacity)			
Q3 Status			
Q4 Status			

1.2 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
VEI	0.25	9,594	4,221	4,292		18,107
Contract: Oper Tech Assist (DSWRF 15%)					250,000	250,000
15% Set Aside	0.80	55,943	24,615	25,029		105,587
10% Set Aside	0.84	60,150	26,466	26,911		113,527
Contract: Oper Tech Assist (2% set aside)					200,160	200,160
TOTALS	**1.89**	**125,687**	**55,302**	**56,232**	**450,160**	**687,381**

End of Year Summary

Q1 & Q2: Completed Task Assignments: Michael's Ranch WUS; Eden Water Co; Cameron Trading Post Phase II; Antelope Union HS (OCCT); Roosevelt Resorts LLC; Ranch Water; Sun Valley Farms Unit VI

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SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DRW

Objective 2.1 Protect Human Health

TASK 1.3 Operator Certification

The Safe Drinking Water Act requires states to adopt and implement a program for certification and recertification of the operators of community water systems (CWSs) and non-transient, non-community water systems (NTNCWSs) that meet the minimum standards set forth in guidelines to be published by EPA.

ADEQ will conduct certification exams or contract with third party to conduct exams statewide, maintain registry of certified operators, and process and resolve disputes between persons and third party testers. ADEQ will continue outreach on the proposed operator certification fee rule as needed.

1.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct training workshops.	12/31/2017	12/31/2017	Drinking Water
Q1 Status 7/20/17 - Phoenix 8/17/17 - Phoenix 9/12/17 - Phoenix			
Q2 Status 10/17 - 10/18/17 - Flagstaff 11/14/17 - Phoenix 12/5 - 12/6/17 - Lake Havasu City			
Q3 Status 1/11/18 - Phoenix 1/30 - 1/31/18 - Showlow/Pinetop 2/5/18 - Phoenix 2/13 - 2/14/18 - Yuma 3/8/18 - Phoenix 3/13 - 3/14/18 - Tucson			
Q4 Status 4/4 - 4/5/18 - Prescott 4/10/18- Phoenix 5/15/18 - Phoenix 6/12/18 - Phoenix			
2 Report certificates issued by class and grade:			
a Distribution Grade 1	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 1629			
Q3 Status 30			
Q4 Status			
b Distribution Grade 2	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 1056			
Q3 Status 30			
Q4 Status			

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TASK 1.3 Operator Certification

Continued

1.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
c Distribution Grade 3	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 576			
Q3 Status 83			
Q4 Status			
d Distribution Grade 4	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 791			
Q3 Status 128			
Q4 Status			
e Treatment Grade 1	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 1084			
Q3 Status			
Q4 Status			
f Treatment Grade 2	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 800			
Q3 Status			
Q4 Status			
g Treatment Grade 3	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 526			
Q3 Status			
Q4 Status			
h Treatment Grade 4	12/31/2017		Drinking Water
Q1 Status see Q2			
Q2 Status 743			
Q3 Status			
Q4 Status			

TASK 1.3 Operator Certification

Continued

1.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
3 Review and verify professional development hours for certification renewals.	12/31/2017	12/31/2017	Drinking Water
Q1 Status 10%			
Q2 Status 10%			
Q3 Status			
Q4 Status			
4 Conduct annual audit of approved third party proctors.	12/31/2017	8/31/2017	Drinking Water
Q1 Status 8/31/2017 audit Gateway Community College in Phoenix			
Q2 Status			
Q3 Status			
Q4 Status			
5 FY18 Annual Report to EPA	9/15/2018		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

1.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
VEI DWSRF Match	0.42	4,232	1,862	1,894		7,988
VEI	1.67	61,244	26,947	27,401		115,592
15% Set Aside	0.66	33,702	14,829	15,078		63,609
10% Set Aside	0.25	12,556	5,525	5,618		23,699
Contract: Oper Tech Assist (2% set aside)					100,000	100,000
TOTALS	**3.00**	**111,734**	**49,163**	**49,991**	**100,000**	**310,888**

End of Year Summary

TASK 1.4 New and Existing System Capacity Development

Ensure that new community water systems and non-transient, non-community water systems which commenced operations since October 1, 1999, can demonstrate technical, managerial and financial capacity to operate in compliance with the requirements contained in the federal regulations in effect at the time the water system begins operations.

Continue WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address.

1.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report permitting decisions on elementary business plan applications.	Semi-Annual		Drinking Water
Q1 Status			
Q2 Status One approval, two in process			
Q3 Status			
Q4 Status			
2 Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following PWS managers/owners topics:			
Q1 Status			
Q2 Status 2 Management trainings (Lake Havasu, Flagstaff)			
Q3 Status			
Q4 Status			
a Monitoring Assistance Program	4		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b New PWS capacity development	4		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
d Existing Safe Drinking Water rules	4		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.4 New and Existing System Capacity Development

Continued

1.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
3 FY17 Governor's Report	9/15/2017		Drinking Water

Q1 Status

Q2 Status Draft in senior management review

Q3 Status

Q4 Status

4

Q1 Status

Q2 Status

Q3 Status

Q4 Status

1.4 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
VEI	0.25	3,198	1,407	1,431		6,036
15% Set Aside	0.80	10,604	4,666	4,744		20,014
10% Set Aside	0.36	30,988	13,635	13,864		58,487
TOTALS	**1.41**	**44,790**	**19,708**	**20,039**		**84,537**

End of Year Summary

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SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.5 Drinking Water Monitoring Assistance Program (MAP)

Assist small public water systems serving fewer than 10,000 populations with improving system compliance by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed.

1.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Update monitoring schedules, including waivers and/or reduced monitoring assessments, for:			
a Groundwater PWSs	Semi-Annually		Drinking Water
Q1 Status			
Q2 Status On going			
Q3 Status			
Q4 Status			
b Surface water PWSs	Semi-Annually		Drinking Water
Q1 Status			
Q2 Status On going			
Q3 Status			
Q4 Status			

1.5 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
VEI DWSRF Match	0.25	9,594	4,221	4,292		18,107
VEI	1.59	26,372	11,604	11,799		49,775
PPG	0.75	32,934	14,491	14,735		62,160
MAP	1.00	48,663	21,412	21,772		91,847
15% Set Aside	0.97	47,149	20,746	21,095		88,990
10% Set Aside	2.85	19,328	8,504	8,647		36,479
Contract: Map Lab					750,000	750,000
TOTALS	**7.41**	**184,040**	**80,978**	**82,340**	**750,000**	**1,097,358**

End of Year Summary

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TASK 1.6 Drinking Water Monitoring and Reporting

These activities will support all the monitoring and reporting requirements for public drinking water systems in accordance with state and federal drinking water rules.

1.6 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1	Complete SDWIS reporting for OECA on actions taken on systems with new violations.	T = Quarterly	A =	Drinking Water
	Q1 Status			
	Q2 Status Upload on the 15th of the 2nd month of each quarter 8/15/2017; 11/15/2017; 1/16/2018			
	Q3 Status			
	Q4 Status			
2	Run monitoring/reporting rules in SDWIS, or alternative system as per monitoring schedule, validate violations and ensure proper public notification is issued. Report rules that were not run.	T = Semi-Annual	A =	Drinking Water
	Q1 Status			
	Q2 Status All rules are being run per SDWA			
	Q3 Status			
	Q4 Status			
3	Hold regular meetings and/or conference calls with EPA to discuss PWSs issues. Document agreement on discussed items and follow up actions.	T= Monthly (12)	A =	Drinking Water
	Q1 Status			
	Q2 Status PWSS calls were held on 7/20, 8/15, 9/19, 10/11, 11/21 and 12/18			
	Q3 Status			
	Q4 Status			
4	Complete GUDI determinations on new groundwater sources as they are developed. Report determinations.	T = Semi-Annual	A =	Drinking Water
	Q1 Status			
	Q2 Status Dairy Springs (AZ0403007) is being evaluated for possible GUDI status.			
	Q3 Status			
	Q4 Status			

TASK 1.6 Drinking Water Monitoring and Reporting

Continued

1.6 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
5	Review and respond to incremental primacy crosswalks comments as provided by EPA for PWS definition, Arsenic and Radionuclides	T = Within 45 days of receipt from EPA Region 9	A =	Drinking Water, Director

Q1 Status

Q2 Status New ADEQ rule writer is working with EPA Region IX to address the crosswalks

Q3 Status

Q4 Status

6	Review the January 2017 SDWIS Data Quality Report and determine high priority data quality improvement areas to be addressed in FY18	7/1/2017		Drinking Water

Q1 Status

Q2 Status Time difference between close of monitoring period and when violations are validated was identified in the data quality report and during PWSS calls with EPA staff. ADEQ has begun to utilize electronic reporting through Lab 2 State and has immplemented a number of process improvements to speed up data entry and canidate violation processing to decrease the about of time involved.

Q3 Status

Q4 Status

7	Conduct an oversight audit of Maricopa County delegated program	6/30/2018		Complaince /Drinking Water

Q1 Status

Q2 Status Currently being developed.

Q3 Status

Q4 Status

8	If resources are available attend the annual ASDWA Data Management Users Conference	Semi-Annually		Drinking Water

Q1 Status

Q2 Status James McCrystal attended 05/07/17 to 05/11/17, and plans to attend in the summer of 2018.

Q3 Status

Q4 Status

TASK 1.6 Drinking Water Monitoring and Reporting

Continued

1.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
9 Cooridinate with EPA to schedule an EPA PWSS program review	10/1/2016		Drinking Water
Q1 Status			
Q2 Status ADEQ is waiting on EPA report of their audit.			
Q3 Status			
Q4 Status			
10 Review EPA's PWSS program review report and incorporate recommendations into the FY17 workplan as appropriate	6/30/2017		Drinking Water
Q1 Status			
Q2 Status PWSS has not been received, ADEQ is waiting on draft.			
Q3 Status			
Q4 Status			

1.6 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	0.06	5,843	2,571	2,614		11,028
VEI DWSRF Match	0.83	36,928	16,248	16,521		69,697
VEI	4.17	166,418	73,224	74,455		314,097
PPG	2.37	34,790	15,308	15,565		65,663
15% Set Aside	0.80	17,366	7,641	7,769		32,776
10% Set Aside	6.14	210,247	92,509	94,064		396,820
TOTALS	**14.37**	**471,592**	**207,501**	**210,988**		**890,081**

End of Year Summary

TASK 1.7 Source Water Protection

Identify protective strategies and assist individual public water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. Targets are our goals; however, the actual numbers achieved rely on the willingness and ability of public water systems to participate in the voluntary source water protection program (SWPP).
a) Source Water Protection – provide technical assistance in planning and implementing local Source Water Protection for public water systems throughout Arizona.
b) Source Water Assessments – perform or assist in the development of assessments for new individual sources or new systems which voluntarily choose to participate in source water protection by delineating source water protection areas, inventorying potential sources of contamination and performing vulnerability/susceptibility analysis.
c) GUDI/Suspect GUDI Evaluations/Hydrology reviews – Make sensitivity determinations for PWSs/sources through reviews of occurrence data, sanitary surveys, and hydrological characterizations.

1.7 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
	Q1 Status			
	Q2 Status No calls 1st and 2nd quarter - as required by the EPA			
	Q3 Status			
	Q4 Status			
1	Conduct Source Water Protection Program outreach events with individual PWSs.	6	2	Drinking Water
	Q1 Status			
	Q2 Status Program suspended in the 1st and 2nd quarter due to Lead in Schools and PFOS/PFOA project			
	Q3 Status			
	Q4 Status			
2	Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas. A)Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.			
a	Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.	2	1	Drinking Water
	Q1 Status			
	Q2 Status Program suspended in the 1st and 2nd quarter due to Lead in Schools and PFOS/PFOA project			
	Q3 Status			
	Q4 Status			

TASK 1.7 Source Water Protection

Continued

1.7 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
3 Conduct comprehensive inventories of potential sources of contamination.	6	5	Drinking Water

Q1 Status

Q2 Status Program suspended in the 1st and 2nd quarter due to Lead in Schools and PFOS/PFOA project

Q3 Status

Q4 Status

a Collect locational data using GPS and/or GIS for potential sources of contamination (chemical use/storage) within ½ mile radius of a new or existing drinking water source.	3	1	Drinking Water

Q1 Status

Q2 Status Program suspended in the 1st and 2nd quarter due to Lead in Schools and PFOS/PFOA project

Q3 Status

Q4 Status

b Identify any changes in trends to the previously identified, most prevalent, and most threatening potential sources of contamination.	6/30/2018		Drinking Water

Q1 Status

Q2 Status Program suspended in the 1st and 2nd quarter due to Lead in Schools and PFOS/PFOA project

Q3 Status

Q4 Status

4 Assist public water systems to identify protection strategies and to implement those strategies.

a Use new and updated SW assessments as part of a PWS's development of a SW Protection Plan	4	1	Drinking Water

Q1 Status

Q2 Status Program suspended in the 1st and 2nd quarter due to Lead in Schools and PFOS/PFOA project

Q3 Status

Q4 Status

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Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.7 Source Water Protection

Continued

1.7 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
5	Participate in regional source water protection calls/forums.	As scheduled/needed	1	Drinking Water

Q1 Status

Q2 Status Program suspended in the 1st and 2nd quarter due to Lead in Schools and PFOS/PFOA project

Q3 Status

Q4 Status

1.7 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	0.50	29,003	12,761	12,976		54,740
VEI DWSRF Match	0.67	23,571	10,371	10,546		44,488
VEI	0.25	14,502	6,381	6,488		27,371
PPG	1.00	58,558	25,766	26,199		110,523
15% Set Aside	0.96	64,039	28,177	28,651		120,867
10% Set Aside	0.04	2,668	1,174	1,194		5,036
TOTALS	**3.42**	**192,341**	**84,630**	**86,054**		**363,025**

End of Year Summary

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SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Carry out Arizona's groundwater protection program to protect Arizona's aquifers as drinking water sources. Maintain compliance with these programs through effective permitting in accordance with Department rules, practices, and policies.

Assist individual wastewater systems to improve operations on site.

2.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1			
a Construction Authorizations	Semi-Annual	90	Drinking Water
Q1 Status			
Q2 Status 90 Construction Authorization approvals			
Q3 Status			
Q4 Status			
b Discharge Authorizations	Semi-Annual	6	Drinking Water
Q1 Status			
Q2 Status 6 Discharge Authorization approvals			
Q3 Status			
Q4 Status			
2 Report number of permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications.	Semi-Annual	17	Drinking Water
Q1 Status			
Q2 Status 17 Certificates of Approval of Sanitary Facilities for Subdivisions applications			
Q3 Status			
Q4 Status			
3 Report on groundwater issues related to underground injection via the APP Permits with UIC Nexus.Table following Task 2.1.	Semi-Annual		Water Permits
Q1 Status			
Q2 Status See attached table.			
Q3 Status			
Q4 Status			

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TASK 2.1 Groundwater Protection – Permits

Continued

2.1 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
4	Report number of permitting decisions on APP and reclaimed water permit applications.	Semi-Annual	138	Water Permits
	Q1 Status			
	Q2 Status 138 permitting decisions on APP and reclaimed water permit applications			
	Q3 Status			
	Q4 Status			
5	Provide technical support to WQIG on grant applications & public education.	As needed		Water Permits
	Q1 Status			
	Q2 Status Support provided upon request.			
	Q3 Status			
	Q4 Status			
6	Register existing and new dry wells (Class V injection wells). Report number registered.	Semi-Annual	1045	Water Permits
	Q1 Status			
	Q2 Status 1045 drywells registered			
	Q3 Status			
	Q4 Status			
7	Provide list of APP recharge applications in progress. (Refer to Recharge Facility Reviews Table following Task 2.1.)	Semi-Annual		Water Permits
	Q1 Status			
	Q2 Status See attached table.			
	Q3 Status			
	Q4 Status			
8	Review hydrologic reports, attend meetings and provide technical support on projects related to mitigation orders. (Refer to Mitigation Order Reviews Table following Task 2.1)	Semi-Annual		Water Permits/Compliance
	Q1 Status			
	Q2 Status See attached table.			
	Q3 Status			
	Q4 Status			

TASK 2.1 Groundwater Protection – Permits

Continued

2.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
9 Manage the Pesticide Contamination Prevention Program			
a Evaluate potential for agricultural use pesticide active ingredients to reach and/or impact groundwater. Report number processed.	Semi-Annual		Water Permits

Q1 Status

Q2 Status Twenty two (22) active ingredients approved from July 1 to December 31, 2017. Of the 22 active ingredients approved, 10 of them were waivers. No new active ingredients were approved that were placed on the Groundwater Protection List.

Q3 Status

Q4 Status

b Publish the annual Groundwater Protection List (GWPL)	Semi-Annual		Water Permits

Q1 Status

Q2 Status The draft GWPL is expected to be completed by the end of March 2018.

Q3 Status

Q4 Status

10 Complete groundwater basin report for:			
a Duncan Valley Basin	12/1/2017		Groundwater Protection

Q1 Status

Q2 Status No progress has been made on the Duncan Valley Basin report. ADEQ is moving towards targeted ambient aquifer sampling in areas of known problems and/or growth instead of a rotating basin analysis.

Q3 Status

Q4 Status

b Bonita Creek Basin	3/1/2018		Groundwater Protection

Q1 Status

Q2 Status -

Q3 Status

Q4 Status

TASK 2.1 Groundwater Protection – Permits

Continued

2.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
c	Hassayama sub-Basin of the Phoenix AMA	6/1/2018		Groundwater Protection

Q1 Status

Q2 Status -

Q3 Status

Q4 Status

TASK 2.1 Groundwater Protection – Permits

Continued

2.1 FTE Funding Source		FTE	Personnel	ERE	Indirect	Others	Total
WQFF PPG Match		3.33	145,367	63,962	65,037		274,366
WQFF DWSRF Match		0.22	14,036	6,176	6,280		26,492
WQFF		19.00	878,797	386,671	393,174		1,658,642
PPG		0.25	13,152	5,787	5,884		24,823
DWSRF 15%		0.07	6,816	2,999	3,050		12,865
Contract: BADCT Non-Mining Manual (PPG)						297,000	297,000
Archival Services						35,280	35,280
	TOTALS	**22.87**	**1,058,168**	**465,595**	**473,425**	**332,280**	**2,329,468**

End of Year Summary

Table 1 - APP PERMITS WITH UIC NEXUS

ProjectName	Description
Excelcior Gunnison	The project is a proposed in situ (ISR) copper mine. The ISR method involves injecting low-pH barren solutions into the orebody using injection wells and extracting copper-bearing solutions at recovery wells that surround each injection well.
Q1	
Q2	
Q3	
Q4	
Florence Copper, Inc. Pilot Test Facility	FCI applied for a significant amendment to the Temporary Individual Permit. The purpose of the amendment is to address the Water Quality Appeals Board decision to uphold the Administrative Law Judge's decision on the Appeal of the permit.
Q1	
Q2	
Q3	
Q4	
BHP Miami	APP to include injection well field. Existing Individual APP Permit #101546.
Q1	
Q2	
Q3	
Q4	

TASK 2.1 Groundwater Protection – Permits

Continued

Table 1 - APP PERMITS WITH UIC NEXUS

ProjectName	Description
Morton Salt	Glendale, AZ. Salt is mined from Luke Salt Body via solution mining wells. Existing Individual APP (Permit #100176).
Q1	
Q2	
Q3	
Q4	

TASK 2.1 Groundwater Protection – Permits

Continued

Table 2 - RECHARGE FACILITY REVIEWS

ProjectName	Description
Lower Santa Cruz Replenishment Project	Renewal of existing recharge project.
Q1	
Q2 Renewal approved.	
Q3	
Q4	
Hassayampa Basin	Recharge project, with proposed monitoring changes.
Q1	
Q2 Assisted ADWR with evaluation of monitoring results at wells.	
Q3	
Q4	
Ohlberg Dam	Recharge project involving Gila River Indian Community.
Q1	
Q2 A "no unreasonable harm" determination was made by ADEQ in Q2 FY18.	
Q3	
Q4	
Vulcan / JPAR project	A recharge project in Pima County with potential complications to the FMI Sierrita Mitigation Order.
Q1	
Q2 A "no unreasonable harm" determination was made by ADEQ in Q2 FY18; ADEQ worked with FMI and applicant regarding monitoring data.	
Q3	
Q4	

TASK 2.1 Groundwater Protection – Permits

Continued

Table 3 - MITIGATION ORDER REVIEWS

ProjectName	Description
Sierrita Mitigation Order	Sulfate in groundwater from Freeport McMoRan Sierrita Mine
Q1	
Q2	ADEQ continued it's review of FMI's mitigation activities.
Q3	
Q4	
Bisbee Mitigation Order	Sulfate in groundwater from Freeport McMoRan Copper Queen Mine
Q1	
Q2	ADEQ continued it's review of FMI's mitigation activities.
Q3	
Q4	

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Carry out federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies.

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report the number of permitting decisions on AZPDES individual permit applications.			
a.i Report numbers processed. Issued	Semi-annual	16	Surface Water
Q1 Status			
Q2 Status Average days to process application for mid-year was 246 days. Major success in this period was the issuance of the North Rim and South Rim permits, which were backlogged for over 7 years!			
Q3 Status			
Q4 Status			
a.ii Report numbers processed. Modified	Semi-annual	0	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a.iii Report numbers processed. Denied	Semi-annual	0	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a.iv Report numbers processed. Suspended	Semi-annual	0	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
a.v	Report numbers processed. Withdrawn/Revoked	Semi-annual	2	Surface Water
Q1 Status				
Q2 Status	Agua Caliente permit was teminated - The COE determined Agua Caliente Lake not to be a WOTUS. Show Low permit was terminated - The Army COE determined the Show Low lakes not to be a WOTUS.			
Q3 Status				
Q4 Status				
a.vi	Report numbers processed. Backlogged	Semi-annual	1	Surface Water
Q1 Status				
Q2 Status	One backlogged application is Canyon Creek			
Q3 Status				
Q4 Status				
b	Coordinate with EPA on variance approval process and strategy.	Semi-annual		Surface Water
Q1 Status				
Q2 Status	ADEQ will be updating WQ stds rule to reflect federal WQ rule. There are no applications pending where a variance is being requested.			
Q3 Status				
Q4 Status				
2	Process permit renewals for all expiring AZPDES permits with a goal of 90% current to minimize backlog. (Refer to AZPDES Renewal Permits Table following Task 1.3.1.). For purposes of this work plan, 'backlog' means an AZPDES application that is 6 months after the permit expiration or one year after application receipt date for a new application.	>90%	See detail in Q2 text	Surface Water
Q1 Status				
Q2 Status	Majors 58/58 - 100% Minors 75/78 - 96% Phase I MS4s 1/8 - 13% General Permits 4/8 - 50% Total 138/152 - 94%			
Q3 Status				
Q4 Status				

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
3 Phase I MS4 Permits			
a Review annual reports	1/31/2017	A=8	Surface Water
Q1 Status			
Q2 Status 8 Phase I AR reviews completed.			
Q3 Status			
Q4 Status			
b Continue outreach efforts	ongoing		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 Implement activities for MS4 Permittees			
a.i Medium and Large MS4s Inspections:	0		Surface Water
Q1 Status			
Q2 Status On Target			
Q3 Status			
Q4 Status			
b.i Small MS4s: Conduct 8 Small MS4 Inspections	T = 8		Surface Water
Q1 Status			
Q2 Status On Target to compete 8 by end of fiscal year			
Q3 Status			
Q4 Status			
5 Reissue the following General Permits: Multi Sector GP, Construction GP, Pesticide GP, Infrequent Discharges GP, Minor Discharges GP, Biosolids Land Application GP			
a.i Multi Sector General Permit - Prepare preliminary draft permit	8/31/2017		Surface Water
Q1 Status			
Q2 Status off target = internal draft 75% complete			
Q3 Status			
Q4 Status			

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
a.ii	Multi Sector General Permit - Stakeholder process	10/31/2017		Surface Water
Q1 Status				
Q2 Status	off target = internal draft 75% complete			
Q3 Status				
Q4 Status				
a.iii	Multi Sector General Permit -Public notice draft permit in Arizona Administrative Register	1/26/2018		Surface Water
Q1 Status				
Q2 Status	off target - internal draft 75% complete			
Q3 Status				
Q4 Status				
a.iv	Multi Sector General Permit - Prepare responses to public notice comments	2/26/2018		Surface Water
Q1 Status				
Q2 Status	off target			
Q3 Status				
Q4 Status				
a.v	Multi Sector General Permit - Issue final permit	5/1/2018		Surface Water
Q1 Status				
Q2 Status	off target			
Q3 Status				
Q4 Status				
b.i	Stormwwater Construction General Permit - Prepare preliminary draft permit	10/17/2017		Surface Water
Q1 Status				
Q2 Status	off target = internal draft 90% complete			
Q3 Status				
Q4 Status				

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
b.ii	Stormwwater Construction General Permit - Stakeholder process	1/19/2018		Surface Water
Q1 Status				
Q2 Status	off target = internal draft 90% complete			
Q3 Status				
Q4 Status				
b.iii	Stormwwater Construction General Permit - Public notice draft permit in Arizona Administrative Register	3/16/2018		Surface Water
Q1 Status				
Q2 Status	working to meet target			
Q3 Status				
Q4 Status				
b.iv	Stormwwater Construction General Permit - Prepare responses to public notice comments	4/16/2018		Surface Water
Q1 Status				
Q2 Status	working to meet target			
Q3 Status				
Q4 Status				
b.v	Stormwwater Construction General Permit - Issue final permit	6/2/2018		Surface Water
Q1 Status				
Q2 Status	on target			
Q3 Status				
Q4 Status				
c	Pesticide General Permit - On hold pending federal outcome			Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT	DESCRIPTION	Target	Actual	Responsible Section
d.i	Infrequent Discharges of Domestic Wastewater GP - Prepare preliminary draft permit	7/1/2017	9/1/2017	Surface Water

Q1 Status

Q2 Status Sent draft permit out to EPA for comments. Elizabeth Sablad commented that ADEQ needed to follow public notice procedures for all NOIs. This comment has delayed the draft permit until further notice.

Q3 Status

Q4 Status

d.ii	Infrequent Discharges of Domestic Wastewater GP - Stakeholder process	8/1/2017	8/1/2017	Surface Water

Q1 Status

Q2 Status

Q3 Status

Q4 Status

d.iii	Infrequent Discharges of Domestic Wastewater GP - Public notice draft permit in Arizona Administrative Register	9/1/2017		Surface Water

Q1 Status

Q2 Status Not completed

Q3 Status

Q4 Status

d.v	Infrequent Discharges of Domestic Wastewater GP - Issue final permit	1/1/2018		Surface Water

Q1 Status

Q2 Status Not completed

Q3 Status

Q4 Status

e.i	Minor Discharges of Domestic Wastewater GP - Prepare preliminary draft permit	7/1/2017		Surface Water

Q1 Status

Q2 Status Draft permit is completed. ADEQ is working on revisions to satisfy public notice requirements. Goal is to have draft to EPA by end of FY18.

Q3 Status

Q4 Status

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
e.ii	Minor Discharges of Domestic Wastewater GP - Stakeholder process	8/1/2017		Surface Water
Q1 Status				
Q2 Status	Not completed. See above			
Q3 Status				
Q4 Status				
e.iii	Minor Discharges of Domestic Wastewater GP - Public notice draft permit in Arizona Administrative Register	9/1/2017		Surface Water
Q1 Status				
Q2 Status	Not completed. See above			
Q3 Status				
Q4 Status				
e.v	Minor Discharges of Domestic Wastewater GP - Issue final permit	1/1/2018		Surface Water
Q1 Status				
Q2 Status	Not completed. See above			
Q3 Status				
Q4 Status				
f.i	Biosolids Land Application GP - Prepare preliminary draft permit	4/1/2018		Surface Water
Q1 Status				
Q2 Status	Draft permit is drafted. Preparing final version to be sent to EPA for informal review.			
Q3 Status				
Q4 Status				
f.ii	Biosolids Land Application GP - Stakeholder process	5/1/2018		Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
f.iii	Biosolids Land Application GP - Public notice draft permit in Arizona Administrative Register	6/1/2018		Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
f.v	Biosolids Land Application GP - Issue final permit	1/1/2019		Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
6	AZPDES General Permits - Review and process applications, annual reports, DMRs and SWPPPs. Report applications processed:			
a.i	Biosolids GP Notices of Intent	Semi-annual	1	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
a.ii	Biosolids GP Notices of Termination	Semi-annual	0	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
a.iii	Biosolids GP Total Number of Filers	Semi-annual	11	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
b.i	Infrequent discharge GP Notices of Intent	Semi-annual	0	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
b.ii	Infrequent discharge GP Notices of Termination	Semi-annual	0	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
b.iii	Infrequent discharge GP Total Number of Filers	Semi-annual	3	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
c.i	Minor discharges GP Notices of Intent	Semi-annual	0	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
c.ii	Minor discharges GP Notices of Termination	Semi-annual	0	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
c.iii	Minor discharges GP Total Number of Filers	Semi-annual	3	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
d.i	Multi-Sector General Permits Notices of Intent	Semi-annual	A=31	Surface Water
Q1 Status				
Q2 Status	number of MSGP NOIs processed July 1, 2017 through December 31, 2017 =31			
Q3 Status				
Q4 Status				
d.ii	Multi-Sector General Permits Notices of Termination	Semi-annual		Surface Water
Q1 Status				
Q2 Status	number of MSGP NOTs processed July 1, 2017 through December 31, 2017 =25			
Q3 Status				
Q4 Status				
d.iii	Multi-Sector General Permits Certificate of No Exposure	Semi-annual		Surface Water
Q1 Status				
Q2 Status	number of MSGP NECs processed July 1, 2017 through December 31, 2017 =10			
Q3 Status				
Q4 Status				
d.iiii	Multi-Sector General Permits Total Number of Filers	Semi-annual		Surface Water
Q1 Status				
Q2 Status	total number of active MSGP NOI as of December 31, 2017 = 1,193			
Q3 Status				
Q4 Status				

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
e.i	Stormwater Construction General Permits Notices of Intent	Semi-annual		Surface Water

Q1 Status

Q2 Status number of CGP NOIs processed July 1, 2017 through December 31, 2017 =923

Q3 Status

Q4 Status

e.ii	Stormwater Construction General Permits Notices of Termination	Semi-annual		Surface Water

Q1 Status

Q2 Status number of CGP NOTs processed July 1, 2017 through December 31, 2017 =825

Q3 Status

Q4 Status

e.iii	Stormwater Construction General Permits Waivers	Semi-annual		Surface Water

Q1 Status

Q2 Status number of CGP Waivers processed July 1, 2017 through December 31, 2017 = 25

Q3 Status

Q4 Status

e.iiii	Stormwater Construction General Permits Total Number of Filers	Semi-annual		Surface Water

Q1 Status

Q2 Status total number of active CGP NOIs as of December 31, 2017 = 3,725

Q3 Status

Q4 Status

f.i.(1)	DeMinimis General Permits Notices of Intent Single source	Semi-annual		Surface Water

Q1 Status

Q2 Status number of DMGP NOIs (single source and areawide) processed July 1, 2017 through December 31, 2017 = 10

Q3 Status

Q4 Status

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
f.i.(2) DeMinimis General Permits Notices of Intent Area wide	Semi-annual		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
f.ii DeMinimis General Permits Notices of Termination	Semi-annual		Surface Water
Q1 Status			
Q2 Status number of DMGP NOTs processed July 1, 2017 through December 31, 2017 = 1			
Q3 Status			
Q4 Status			
f.iii DeMinimis General Permits Total Number of Filers	Semi-annual		Surface Water
Q1 Status			
Q2 Status Total number of active DMGP NOIs as of December 31, 2017 = 120			
Q3 Status			
Q4 Status			
g.i Pesticide General Permit Notices of Intent	Semi-annual		Surface Water
Q1 Status			
Q2 Status number of PGP NOIs processed July 1, 2017 through December 31, 2017 = 1			
Q3 Status			
Q4 Status			
g.ii Pesticide General Permit Notices of Termination	Semi-annual		Surface Water
Q1 Status			
Q2 Status number of PGP NOTs processed July 1, 2017 through December 31, 2017 = 5			
Q3 Status			
Q4 Status			

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
g.iii Pesticide General Permit Total Number of Filers	Semi-annual		Surface Water

Q1 Status

Q2 Status Total number of active PGP NOIs as of December 31, 2017 = 49

Q3 Status

Q4 Status

SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
VEI	12.74	480,502	211,421	214,977		906,900
Contract: MS4 Audits (PPG)					75,000	75,000
Contract: MS4 Audits (WQFF)					30,000	30,000
TOTALS	**12.74**	**480,502**	**211,421**	**214,977**	**105,000**	**1,011,900**

End of Year Summary

Agua Caliente Individual permit was teminated - The COE determined Agua Caliente Lake not to be a WOTUS.
Show Low Individual permit was terminated - The Army COE determined the Show Low lakes not to be a WOTUS.

3.1 AZPDES RENEWAL PERMITS

Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
Tempe Town Lake ** carryover	AZ0024490	Maj	New Application Pending				NA	NA
Q1								
Q2								
Q3								
Q4								
ENTRADA DEL ORO	AZ0024899	Min	Issued	1/24/2018	7/28/2017			
Q1								
Q2								
Q3								
Q4								
TRILLIUM WEST WWTP	AZ0025518	Maj	Issued	1/24/2018	7/28/2017			
Q1								
Q2								
Q3								
Q4								

ED_002361_00010051-00037

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS

Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
USAF - LUKE AFB - LITCHFIELD PARK WWTP	AZ0110221	Maj	Issued	1/24/2018	7/28/2017			
Q1								
Q2								
Q3								
Q4								
CITY OF YUMA - FIGUEROA AVE WPCF	AZ0020443	Maj	Renewal In Process	2/21/2018	8/25/2017			
Q1								
Q2 Facility requested mixing zone.								
Q3								
Q4								
NIBW GAC TREATMENT FACILITY	AZ0026123	Min	Issued	3/25/2018	9/26/2017			
Q1								
Q2								
Q3								
Q4								
JBS FIVE RIVERS CATTLE FEEDING	AZ0026115	Min	Granted	4/8/2018	10/10/2017			
Q1								
Q2 CAFO permit								
Q3								
Q4								
AG&F - TONTO CREEK FISH HATCHERY	AZ0021211	Min	Renewal In Process	6/12/2018	12/14/2017			
Q1								
Q2								
Q3								
Q4								

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS

Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
CITY OF TUCSON - LAKESIDE PARK LAKE	AZ0024201	Min	Renewal In Process	6/16/2018	12/18/2017			
Q1								
Q2								
Q3								
Q4								
SUN VALLEY SOUTH WRP	AZ0025691	Maj	Renewal In Process	6/23/2018	12/25/2017			
Q1								
Q2								
Q3								
Q4								
PALO VERDE ROAD WWTP	AZ0025500	Min	Renewal In Process	6/23/2018	12/25/2017			
Q1								
Q2								
Q3								
Q4								
CAMELBACK ROAD & CENTRAL AVENUE WQARF AREA	AZ0024848	Min	Issued	7/10/2018	1/11/2018			
Q1								
Q2								
Q3								
Q4								
SUPERIOR SANITARY DISTRICT - WWTP	AZ0021199	Min	Renewal In Process	7/10/2018	1/11/2018			
Q1								
Q2								
Q3								
Q4								

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS

Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
AGUA NUEVA WRF	AZ0026107	Maj	Renewal In Process	7/10/2018	1/11/2018			
Q1								
Q2								
Q3								
Q4								
SADDLEBROOKE RANCH WATER RECLAMATION PLANT	AZ0024775	Min	Renewal In Process	7/10/2018	1/11/2018			
Q1								
Q2								
Q3								
Q4								
ARIZONA CITY SANITARY DISTRICT - WWTP	AZ0024244	Maj	Renewal In Process	7/25/2018	1/26/2018			
Q1								
Q2								
Q3								
Q4								
ORACLE SANITARY DISTRICT WWTP	AZ0020681	Min	Renewal Application Pending	9/12/2018	3/16/2018			
Q1								
Q2								
Q3								
Q4								

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS

Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
SRP - KYRENE GENERATING STATION K-7	AZ0024791	Maj	Renewal Application Pending	9/23/2018	3/27/2018			
Q1								
Q2								
Q3								
Q4								
CITY OF PHOENIX - RIO SALADO HABITAT RESTORATION	AZ0024554	Maj	Renewal Application Pending	9/30/2018	4/3/2018			
Q1								
Q2								
Q3								
Q4								
JRC GOODYEAR	AZ0025747	Min	Renewal Application Pending	10/3/2018	4/6/2018			
Q1								
Q2								
Q3								
Q4								
PILOT TRAVEL CENTER #328	AZ0025658	Min	Renewal Application Pending	12/3/2018	6/6/2018			
Q1								
Q2								
Q3								
Q4								

TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Conduct CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards.

3.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report certification decisions on State 401 applications. (Refer to 401 Certification Actions Table following Task 3.2) Report certification decisions.			
a Regional CWA 404 general permits	Semi-Annual		Surface Water
Q1 Status			
Q2 Status total number of regional general permits issued during the period July 1, 2017 through December 31, 2017 = 1			
Q3 Status			
Q4 Status			
b Individual CWA 404 permits	Semi-Annual		Surface Water
Q1 Status			
Q2 Status total number of individual permits issued during the period July 1, 2017 through December 31, 2017 = 2			
Q3 Status			
Q4 Status			
c Nationwide CWA 404 permits	Semi-Annual		Surface Water
Q1 Status			
Q2 Status total number of nation wide general permits issued during the period July 1, 2017 through December 31, 2017 = 6			
Q3 Status			
Q4 Status			
d Other federal permit or licenses applications	Semi-Annual		Surface Water
Q1 Status			
Q2 Status total number of other federal permits or licenses issued during the period July 1, 2017 through December 31, 2017 = 1			
Q3 Status			
Q4 Status			

TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

3.2 FTE Funding Source		FTE	Personnel	ERE	Indirect	Others	Total
WQFF		1.00	17,518	7,708	7,838		33,064
PPG		0.34	5,428	2,388	2,428		10,244
	TOTALS	**1.34**	**22,946**	**10,096**	**10,266**		**43,308**

End of Year Summary

TASK 3.3 Regional Water Quality Management Planning

Carry out state and federal requirements of regional Water Quality Management Planning Program utiltying the 604b grant money. The state will shift to start looking for innovative planning projects within the state. (CWA 208 Program).

3.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Process WQM Plan Amendments/Updates. Report status of amendments received. (Refer to Regional WQM Planning Activity table following Task 3.3)	Semi-Annual		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Process 208 conformance determinations. Report determinations. (Refer to Regional WQM Planning Activity table following Task 3.3)	Semi-Annual		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Coordinate and assist Regional organization in their planning efforts, including evaluating the necessity for a revised State Water Quality Management Plan			Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 3.3 Regional Water Quality Management Planning

Continued

3.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
PPG	1.00	15,417	6,783	6,898		29,098
Aid to Orgs: Council of Gov't (604(b) 16)					140,000	140,000
TOTALS	**1.00**	**15,417**	**6,783**	**6,898**	**140,000**	**169,098**

End of Year Summary

Mid year -

In the FY 17-18 funding cycle, 604b funds were awarded to three water quality projects; specifically with a stormwater focus in Maricopa and Pima Counties. They are as follows: to produce a multi-city guidance guide on LID and stormwater projects in Maricopa County, to the City of Goodyear to address illicit discharges to the stormwater system and a Pima Association of Government's stormwater project on the impaired section of the Santa Cruz River in Pima County. The projects are in implementation with the first project reports submitted for the first phase of the individual grants.

3.3 Table 1 - REGIONAL WATER QUALITY MANAGEMENT PLANNING

ProjectName	PlanningAgency	ReviewType	PermitType	Date Received	Date Completed
Q1					
Q2					
Q3					
Q4					

TASK 3.4 Surface Water Program Development

Perform support activities for surface water program including development of program rules, procedures, and policies.

3.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 2017/2018 Triennial Review			
a Complete internal draft	1/26/2018		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b File proposed NFRM with Secretary of State	6/29/2018		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Prepare draft narrative lakes nutrient criteria and implementation procedures for public comment. Develop implementation plan by 9/30/2017. Pursue on dual track for reviews by USFWS and a peer review.	1/31/2018		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Draft Impaired Waters Identification Rule update for internal review. Pending approval from Governor's Office.	12/31/2017		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 3.4 Surface Water Program Development

Continued

3.4 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	0.59	8,533	3,755	3,818		16,106
PPG	0.30	7,585	3,337	3,394		14,316
NPS WQFF	0.20	6,893	3,033	3,084		13,010
NPS PPG	2.75	26,898	11,835	12,034		50,767
TOTALS	**3.84**	**49,909**	**21,960**	**22,330**		**94,199**

End of Year Summary

TASK 3.5 Ambient Monitoring Program

Conduct ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, fish tissue and sediment sampling for priority pollutants. Monitoring to include targeted characterization, planning and/or probabilistic sites in support of 305(b) assessment process, maintaining designated uses, and CWA-SDWA coordination.

3.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct ambient stream, lake, fish, and intermittent stream monitoring according to the FY18 sample plan throughout Arizona. Ambient sampling	6/30/2018		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Send FY18 SAP to EPA.	8/31/2017	6/14/2017	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Prepare FY19 ambient monitoring plan	6/30/2018		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 3.5 Ambient Monitoring Program

Continued

3.5 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQARF	0.67	19,938	8,773	8,920		37,631
PPG Match	0.25	11,534	5,075	5,160		21,769
PPG	3.16	76,200	33,528	34,092		143,820
NPS PPG Match	1.91	69,049	30,382	30,893		130,324
NPS PPG	4.35	98,562	43,367	44,097		186,026
Contract: Lake Havasu Monitoring (PPG)					8,000	8,000
Contract: Lab					5,000	5,000
106	1.00	20,756	9,133	9,286		39,175
Contract: USGS (PPG)					95,000	95,000
Contract: Ambient Sampling (PPG)					203,700	203,700
TOTALS	**11.34**	**296,039**	**130,258**	**132,448**	**311,700**	**870,445**

End of Year Summary

TASK 3.6 106 Monitoring

Conduct monitoring Initiative (MI) program for implementation of Arizona approved comprehensive monitoring strategy.

3.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct nutrient monitoring for Rivers and Streams per FY18 sampling and analysis plan.	Quarterly		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Intermittent Streams	6/30/2018		Surface Water
Complete Report on Condition of Intermittent Streams			
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Design probabilistic fish consumption advisory survey	8/31/2017	6/14/2017	Surface Water
Select sample frame and indicators and incorporate into FY18 sampling and analysis plan			
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 Sample 15 sites selected by EPA for the National Lake Survey	9/30/2017	9/30/2017	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
5 FY18 Summary	8/30/2018		Surface Water
Summarize the number of sites sampled for FY18			
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 3.6 106 Monitoring

Continued

3.6 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	0.33	5,439	2,393	2,434		10,266
WQARF PPG Match	1.25	11,699	5,147	5,234		22,080
PPG	4.07	75,254	33,112	33,669		142,035
NPS WQARF PPG Match	0.40	10,728	4,720	4,800		20,248
NPS PPG	1.75	14,733	6,482	6,592		27,807
Contract: Lab					5,000	5,000
Contract: Fish Lab Analysis					20,000	20,000
106	2.09	71,400	31,416	31,945		134,761
TOTALS	**9.89**	**189,253**	**83,270**	**84,674**	**25,000**	**382,197**

End of Year Summary

SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.7 305(b) Water Quality Assessment Report and 303(d) List

Develop Integrated Report and list of impaired waters.

3.7 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Complete external call for data using web-based portal through the new water quality database			
a Gather data for the 2018 Assessment	7/15/2017	5/25/2017	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

3.7 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF		10,199	4,487	4,563		19,249
PPG	2.75	74,826	32,924	33,477		141,227
NPS PPG	0.60	5,049	2,221	2,259		9,529
IT Project: Assessment Calculator					260,000	260,000
106	1.00	20,756	9,133	9,286		39,175
TOTALS	**4.35**	**110,830**	**48,765**	**49,585**	**260,000**	**469,180**

End of Year Summary

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TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Plan and manage a Nonpoint Source (NPS) program, including the development of watershed planning documents (TMDLs, WQIPs and EPA-approved alternative plans) to improve surface water quality. Upper San Pedro and Upper Santa Cruz Clean Water Plans will be carried into FY18.

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Complete TMDLs for Queen Creek (6)			Surface Water
See Special Table 3.8/3.9			
Q1 Status			
Q2 Status	After informal review from EPA, the TMDL went out for public comment on 10/3/2017 for 45 days. A follow up meeting was requested and was held on 11/13/2017. On 11/16/2017 on extension to the public comment period was requested by Resolution Copper for 30 days, ADEQ granted an additional 15 days. Public comment period ended on 12/5/2017. ADEQ received comments from AGFD, Resolution Copper, ADOT, USFS, and AZ Mining Reform Coalition. ADEQ is in the process of responding to comments and has requested that Louis Berger (original modeling firm) review RESPEC's comments on the modeling on behalf of Resolution.		
Q3 Status			
Q4 Status			
2 Complete Upper Santa Cruz Clean Water Plan (4)	1/31/2018		Surface Water
See Special Table 3.8/3.9			
Q1 Status			
Q2 Status	Sampling is ongoing and drafting on some sections has begun.		
Q3 Status			
Q4 Status			
3 Data collection for San Pedro CWP	2/1/2018		Surface Water
See Special Table 3.8/3.9			
Q1 Status			
Q2 Status	Runoff from a monsoon storm in July was captured but the rest of the year has been extremely dry. ADEQ needs to samples from a winter storm as well.		
Q3 Status			
Q4 Status			
4 Baseline monitoring for Davidson Canyon	12/31/2017		Surface Water
See Special Table 3.8/3.9			
Q1 Status			
Q2 Status	Due to a lack of rainfall in the area, no water samples have been collected.		
Q3 Status			
Q4 Status			

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
6 Citizen Science Program			
a Complete handbook and training documents	9/8/2017		Surface Water
Q1 Status			
Q2 Status Initial version of handbook completed on 9/28/2017 and posted to the ADEQ website.			
Q3 Status			
Q4 Status			
b Complete first volunteer training	Ongoing		Surface Water
Q1 Status			
Q2 Status 7 groups were trained in the first half of FY18			
Q3 Status			
Q4 Status			
7 NPS Program Planning			
a Host multi-agency nonpoint source prioritization meeting	12/31/2017		Surface Water
Q1 Status			
Q2 Status Annual meeting with USFS occurred on 12/7/2017.			
Q3 Status			
Q4 Status ADEQ staff met with USFWS staff to discuss possible funding overlaps on 1/26/2018			
b Conduct meeting with NRCS to plan FY18 NWQI activities	7/15/2017		Surface Water
Q1 Status			
Q2 Status No meeting was held with NRCS to discuss FY18 priorities.			
Q3 Status			
Q4 Status			
8 WQIG Cycle Development			
a Host 2 project planning events for potential grantees	6/30/2018		Surface Water
Q1 Status			
Q2 Status Responded to two requests for comment on USFS activities in the LCR watershed (Apache Sitgreaves NF). Met with USFS and AZ Game and Fish in Q2 to discuss nonpoint source priorities and partnership opportunities for FY16/17.			
Q3 Status			
Q4 Status			

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
b	Release WQIG Cycle RFGA	9/15/2017		Surface Water

Q1 Status

Q2 Status Cycle 20 (Improvement and Preservation) RFGA was released on June 30, 2017. Cycle 21 RFGA will be released in Spring 2018.

Q3 Status

Q4 Status

c	Award Preservation Cycle 1 project grants	12/1/2017		Surface Water

Q1 Status

Q2 Status Watershed Preservation grants were included in Cycle 20 and were awarded on 9/29/2017. Three Preservation projects were awarded.

Q3 Status

Q4 Status

d	Release Preservation Grant Cycle 2 RFGA (pending available funding)	3/30/2018		Surface Water

Q1 Status

Q2 Status Next Protection RFGA to be released in spring 2018

Q3 Status

Q4 Status

3.8 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	0.33	3,400	1,496	1,521		6,417
WQARF PPG Match	1.00	56,439	24,833	25,251		106,523
PPG	4.50	117,297	51,611	52,479		221,387
NPS WQARF PPG Match	0.50	3,893	1,713	1,742		7,348
NPS PPG	2.80	68,546	30,160	30,668		129,374
Contract: TMDL Sampling (NPS in PPG)					60,000	60,000
Citzen Scientist					28,175	28,175
Contract: TMDL Sampling (PPG)					27,300	27,300
TOTALS	**9.13**	**249,575**	**109,813**	**111,661**	**115,475**	**586,524**

End of Year Summary

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Implement watershed planning documents and other projects to protect and restore surface water quality. Conduct effectiveness monitoring and evaluations to track resulting water quality improvements. Report on NPS program progress and successes. Closing out Hillside Mine NPS grants, reducing ULO from 56% to 35% from last year to this year.

3.9 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
Arizona Conservation Partnership participation	6/30/2018		Surface Water
Participate and coordinate with the Arizona Conservation Partnership (replacing CRM)			
Q1 Status			
Q2 Status ADEQ has participated in the Team Member Working Groups that have taken place for the ACP.			
Q3 Status			
Q4 Status			
1 Oversee ongoing implementation projects and technical support contracts to ensure timely completion.	Semi Annual Status Table Update		Surface Water
See Special Table 3.8/3.9			
Q1 Status			
Q2 Status Project management ongoing. See Table 3.8/3.9			
Q3 Status			
Q4 Status			
2 Effectiveness monitoring and BMP evaluations.			
a Develop Effectiveness Monitoring & Evaluation plan to identify key sites for FY18.	7/30/2017		Surface Water
Q1 Status			
Q2 Status BMP evaluations planned on all newly awarded grants and some continued monitoring			
Q3 Status			
Q4 Status			
b Implement FY18 Effectiveness Monitoring & Evaluation Plan	Semi Annual Status Table Update		Surface Water
Q1 Status			
Q2 Status BMP evaluations on current and expired projects ongoing.			
Q3 Status			
Q4 Status			

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
3 Implement general nonpoint source education, outreach, and technical support activities as requested.			
a Statewide education and outreach.	Semi Annual Status Table Update		Surface Water

Q1 Status

Q2 Status ADEQ held webinars for cycle 20 on 7/10/17 and 7/14/17. Arizona Water Watch trained 7 watershed groups as well as developed an app, 2 videos on the website, and Facebook/Twitter posts.

Q3 Status

Q4 Status

4 Conduct monthly update calls with EPA Region 9.	Monthly		Surface Water

Q1 Status

Q2 Status ADEQ holds monthly calls with both the NPS and TMDL counterparts and also has weekly calls with the NPS counterpart.

Q3 Status

Q4 Status

5 Enter load reduction data into GRTS in accordance with EPA requirements and deadlines and ensure mandated elements are up to date for existing projects.	2/15/2018		Surface Water

Q1 Status

Q2 Status ADEQ is working with U of A to get all load reductions into the GRTS database by February deadline.

Q3 Status

Q4 Status

6 Draft and submit two WQ-10 and/or SP-12 reports to EPA.	6/30/2018		Surface Water

Q1 Status

Q2 Status Christopher Creek SP-12 complete and on EPA website

Q3 Status

Q4 Status

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
7 NWQI reporting	Semi Annual Status Table Update		Surface Water
Q1 Status			
Q2 Status NA			
Q3 Status			
Q4 Status			
8 Report on annual progress of implementing the 2015 - 2019 NPS 5-year plan			
a Submit draft annual report to EPA for review and comment	7/31/2017		Surface Water
Q1 Status NPS FY15 results were reported to EPA in presentation format in September 2015.			
Q2 Status Draft report submitted to EPA 9/11/2017.			
Q3 Status			
Q4 Status			
b Submit final annual report to EPA	9/30/2017		Surface Water
Q1 Status Final report submitted to EPA 1/6/16.			
Q2 Status Final report submitted to EPA 12/6/2017.			
Q3 Status			
Q4 Status			
9 2020-2024 NPS 5-year plan	1/31/2018		Surface Water
Begin planning and discussing with EPA elements of NPS 5-year plan			
Q1 Status			
Q2 Status ADEQ and EPA have begun discussing next 5 year plan and have monthly calls dedicated to discussion scheduled starting in February.			
Q3 Status			
Q4 Status			

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQARF PPG Match	0.50	27,888	12,271	12,477		52,636
WQARF	0.50	6,970	3,067	3,118		13,155
PPG	3.50	75,953	33,419	33,981		143,353
NPS WQARF PPG Match	1.00	61,828	27,204	27,662		116,694
NPS PPG	3.80	86,890	38,232	38,875		163,997
Aid to Orgs: NPS Projects (NPS Proj 28)					1,365,000	1,365,000
TOTALS	**9.30**	**259,529**	**114,193**	**116,113**	**1,365,000**	**1,854,835**

End of Year Summary

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	Pinto Creek Effectiveness Monitoring	Effectiveness Monitoring	WQD PM; Data summary	Dissolved copper

Milestone: 1) Implement revised SAP (ongoing)
2) Develop data summary (11/10/2017)

Q1

Q2 2 samples were collected in July from the autosampler on the Gibson Mine Tributary. There have been ongoing issues with autosamplers. The effectiveness monitoring will be expanded to include other mines that the USFS has remediated

Q3

Q4

3.9	20-002 Sierra Ancha Trail Restoration	NPS Implementation	Watershed Preservation Grant	Sediment

Milestone: Closes 10/31/2019

Q1

Q2 National Forest Foundation has secured ADEQ insurance and is close to finalizing SHPO clearance. Ground crews are set to begin trail work March 2018.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	20-003 Youth led Erosion and E. coli Mitigation in Nogales Wash and Santa Cruz Watersheds	NPS Implementation	WQIG	E. coli, sediment

Milestone: Closes 10/31/2019

Q1

Q2 Borderlands Restoration is working with the USFS to secure SHPO Clearance and other landowner coordination. Site work locations have been identified in Smith Canyon.

Q3

Q4

3.9	20-004 Sediment Discharge Reduction through Brush Management in the Altar Valley	NPS Implementation	Watershed Preservation Grant	Sediment, E. coli

Milestone: Closes 10/31/2019

Q1

Q2 ADEQ and Altar Valley have walked the brush management locations. The grantee is working on securing the Satate Land Treatment permit application and US Fish and Wildlife Biological Assessment. The Altar Valley PM for this project will be moving to another job in March 2018. In addition, the area has not had any rain for sometime. In order to carry out the brush treatment application, there cannot be drought conditions. These factors may slow down project progress next quarter.

Q3

Q4

3.9	20-005 Carrol Canyon Erosion Control to Protect Oak Creek	NPS Implementation	WQIG	

Milestone: Closes 10/31/2019

Q1

Q2 OCWC is finalizing insurance requirements. ADEQ staff along with USFS, City of Sedona engineer, Game and Fish, and local contractor have walked the social trailers designated to be obliterated.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	20-006 Buckhorn Water Enhancements Projects	NPS Implementation	Watershed Preservation Grant	Sediment, E. coli

Milestone: Closes 10/31/2019

Q1

Q2 M Diamond Ranch is nearing finalization of insurance requirements. ADEQ staff and M Diamiond Ranch personnel conducted site assessment of basin work and fly drone over to capture pre-BMP work on the landscape. This project will request additional funding to complete more stock tank restoration. Additional match will come from sporting assocations.

Q3

Q4

3.9	20-007 Rogers/Lee Ranch Streambank Treatment for Sediment Reduction	NPS Implementation	WQIG	Sediment

Milestone: Closes 10/31/2019

Q1

Q2 Knight Environmental completed and signed an agreement with Natural Channel Designed for restortation work on streambank treatment along Little Colorado River/Coyote Creek. SHPO survey has been completed and awaiing repor to obtain clearance. There will likely be a 404 needed which may slow down work for a short period. This project is on private property so no Sate Land permits are necessary.

Q3

Q4

3.9	20-008 Knight Ranch Sediment Basins Rehabilitation	NPS Implementation	WQIG	Sediment

Milestone: Closes 10/31/2019

Q1

Q2 This project is also with Knight Enviromental. They have contracted with Arch firm to complete cultural survey. There are necessary state land permits which are being worked on. A contract has been signned with Natural Channel Design.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.8	Queen Creek TMDL	Traditional TMDL	Plan Completion	Dissolved Copper

Milestone: 1)Submit to EPA for approval

Q1

Q2 After informal review from EPA, the TMDL went out for public comment on 10/3/2017 for 45 days. A follow up meeting was requested and was held on 11/13/2017. On 11/16/2017 on extension to the public comment period was requested by Resolution Copper for 30 days, ADEQ granted an additional 15 days. Public comment period ended on 12/5/2017. ADEQ received comments from AGFD, Resolution Copper, ADOT, USFS, and AZ Mining Reform Coalition. ADEQ is in the process of responding to comments and has requested that Louis Berger (original modeling firm) review RESPEC's comments on the modeling on behalf of Resolution.

Q3

Q4

3.8	Upper Santa Cruz Clean Water Plan	WQIP (combined)	Plan completion	E. coli

Milestone: 1)Draft CWP (10/31/2017)
2) Release for public comment (12/1/2017)
3) Submit to EPA for approval (1/31/2018)

Q1

Q2 Tetra Tech completed their portions of the draft USCR. ADEQ is currently making progress on their sections of the report.

Q3

Q4

3.8	Upper San Pedro Clean Water Plan	WQIP (combined)	Plan Development	E. coli, dissolved copper

Milestone: 1) Implement SAP (ongoing)
2) Draft CWP (5/31/2018)

Q1

Q2 Samples were collected in July 2017 during monsoon event but more samples are required to finalize the report. Drafting of introductory sections is occurring.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.8	Davidson Canyon	Baseline monitoring	Data summary	

Milestone: 1) Implement SAP (ongoing)
2) Develop data summary (12/15/2017)

Q1

Q2 There has not been sufficient runoff to be able to collect water quality samples and therefore the data summary has not been drafted.

Q3

Q4

3.9	San Pedro Effectiveness Monitoring and BMP Evaluations	Effectiveness monitoring; BMP evaluation	WQIG; NWQI; WQD PM	E. coli

Milestone: 1) Implement SAP (ongoing)

Q1

Q2 Water quality samples were collected in July and BMP evaluations of both active and closed grants has occurred. A new database for vegetation monitoring practices has been implemented, saving processing time.

Q3

Q4

3.9	Big Bug Effectiveness Monitoring	Effectiveness Monitoring	WQD PM	Lead, copper, zinc

Milestone: 1) Develop SAP (12/15/2017)
2) Install equipment (1/15/2018)
3) Implement SAP (ongoing)

Q1

Q2 SAP was updated on 12/15/2017.

Q3

Q4 First autosampler was installed on 1/17/2018 and the upper autosampler will not be installed until spring when the snow melts.

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	20-001 Miller Creek Bathroom	NPS Implementation	WQIG	E. coli

Milestone: Closes 10/31/2019

Q1

Q2 Prescott Creeks Preservation Association is working on securing permits with the City of Prescott. Cultural Clearance and insurance coverage was approved. ADEQ and water quality sampling staff have walked the creek to finalize sampling sits. PCPA office headquarters was burned to the ground but they are still making headway in project tasks.

Q3

Q4

3.9	18-006 - Erosion Control on Babocomari	NPS Implementation	WQIG	E. coli; sediment

Milestone: Closes 5/31/2018

Q1

Q2 Borderlands Restoration has largely completed this project. There is more match work to complete and project will close on time.

Q3

Q4

3.9	19-003 Wetland Restoration on O'Donnell Creek	NPS Implementation	WQIG	E. coli

Milestone: Closes 4/30/2019

Q1

Q2 Desert Botanical Gardens recently obtained permission from private land owners to conduct restoration work and complete arch surveys. Site assessments have been completed. This project is now making some progress as of February 2018.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	19-002 - Menges Ranch Water System Maintenance Project	NPS Implementation	WQIG	E. coli

Milestone: Closes 4/30/2019

Q1

Q2 ADEQ staff and grantee visited the site October 2017. Two solar wells were installed in January 2018. There are more wells and road work to complete. They are on track to close on time.

Q3

Q4

3.9	19-001 - Little Colorado River Crossing	NPS Implementation	WQIG	Sediment

Milestone: Closes 4/30/2019

Q1

Q2 Project cancelled due to grantee sale of property.

Q3

Q4

3.9	Volunteer Water Quality Monitoring (UA contract)	NPS Implementation	WQIG	Various

Milestone: Closes 5/31/2018

Q1

Q2 UA's Natalie Brassill continue to travel to Watershed groups and citizens in Santa Cruz and Gila Watershed Partnership to train people to collect and transport/process water quality samples. San Pedro water quality sample processing to determine E.coli sources continues to be analyzed.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	Master Watershed Stewards	NPS Implementation	Plan development; BMP evaluation	Various

Milestone: Closes 5/31/2018

Q1

Q2 UA's Dr. Guertin is modeling load reductions for EPA requirements and working on developing and inventoring a subwatershed scale BMP assessment in southern AZ. This contract will likely be extended for another year.

Q3

Q4

3.9	Mule Gulch Effectiveness monitoring	Effectiveness Monitoring	WQD PM; Data summary	Dissolved copper

Milestone: 1) Implement SAP (ongoing)
2) Develop data summary (11/10/2017)

Q1

Q2 6 samples were collected from autosamplers. Additional data is necessary to complete a data summary.

Q3

Q4

3.9	18-007 - Running N Bar	NPS Implementation	WQIG	E. coli; sediment

Milestone: Closes 12/31/2017 was extended to May 31, 2018.

Q1

Q2 Extended to May 31, 2018. Grantee passed away and family is trying to decide whether to move forward with project, if project does continue another extension will be necessary. ADEQ will know in Feb 2018 if this project will be cancelled or move forward.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	Boulder Creek Effectiveness Monitoring	Effectiveness Monitoring; BMP Evaluation	WQD PM	Az, Cu, Zn

Milestone: 1) Quarterly sampling (ongoing)
2) Update data summary (11/10/2017)

Q1

Q2 Effectiveness monitoring is ongoing quarterly. The adit at the middle pile is in the process of being addressed and potentially the tailings piles as well. With this ongoing work, ADEQ will delay the data summary until the impending work is completed.

Q3

Q4

3.9	18-005 - Oak Creek Erosion on Schnebly Hill	NPS Implementation	WQIG	E. coli; sediment

Milestone: Closes 12/31/2017

Q1

Q2 Project completed and closed on December 31, 2017.

Q3

Q4

3.9	18-004 - Erosion and E. coli mitigation on Sands Ranch	NPS Implementation	WQIG	E. coli; sediment

Milestone: Closes 5/31/2018

Q1

Q2 Borderland Restoration and crew are making good headway with this proejcts have completed plug and pond work and engineered rock work. Darling Geomatics flew a drone over the project site in order to accurately place keyline plow lines in the soil.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	18-002 - San Francisco/ Blue River E. coli Reduction	NPS Implementation	WQIG	E. coli; sediment

Milestone: Closes 5/31/2018

Q1

Q2 Some delays due to staff turnover and access issues. Project sites have been updated and project is moving forward although an extension may be required.

Q3

Q4

3.9	18-001 - Horseshoe Draw	NPS Implementation	WQIG	E. coli; sediment

Milestone: Closes 9/30/2017

Q1

Q2 Project completed and closed on September 30, 2017. Site visit with EPA, ADEQ, and grantees on September 19, 2017.

Q3

Q4

3.9	Apache Natural Resource Conservation District	NPS Implementation	WQIG	Sediment

Milestone: Closes 4/30/2018

Q1

Q2 This project has 3 separate projects. The Rogers/Lee project on Coyote Creek is nearing completion. Nicol and Moore and just beginning. Apache NRCD will likely need a time extension to complete the 2 remaining projects.

Q3

Q4

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9

Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	Future WQIG projects implementing BMP's to reduce NPS pollution	NPS Implementation	WQIG	E. coli, others

Milestone:

Q1

Q2 Meeting held February 1, 2018 to discuss iissues and concerns. ADEQ will approach interested parties to determine if a project can be agreed upon and work can be funded this SFY.

Q3

Q4

3.9	AZ Game and Fish	NPS Implementation	WQIG	Various

Milestone: Closes 5/31/2018

Q1

Q2 The new 2018 project sites are moving along quickly. The T-6 site is complete and is currenly being modeled for load reduction. Spring Creek sediment gabion baskets/ barrier was assessed by USFS, ADEQ, and Game and Fish during the month of Janaury and will be completed in the next few months. Windmill Grassland project will be completed in the remaining FY18 and will use the remaining $80,000 in funding for the 2018 scope of work.

Q3

Q4

SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.1 Drinking Water Compliance and Enforcement

Conduct compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies. Populate SDWIS sanitary survey fields.

Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress towards meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry.

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report the number of Drinking water sanitary surveys conducted, prioritized by date of last survey.			
a Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.	12/31/2017	12/31/2017	Compliance
Q1 Status			
Q2 Status 0			
Q3 Status			
Q4 Status			
b Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.	12/31/2017	12/31/2017	Compliance
Q1 Status			
Q2 Status 29			
Q3 Status			
Q4 Status			
c Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.	12/31/2017	12/31/2017	Compliance
Q1 Status			
Q2 Status 33			
Q3 Status			
Q4 Status			
d Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.	12/31/2017	0	Compliance
Q1 Status			
Q2 Status 0			
Q3 Status			
Q4 Status			

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TASK 4.1 Drinking Water Compliance and Enforcement

Continued

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
2 Report the total number of complaints investigated related to drinking water.	12/31/2017	20	Compliance
Q1 Status			
Q2 Status 20			
Q3 Status			
Q4 Status			
3 Report the total number of complaints/non-routine drinking water inspections.	12/31/2017	3	Compliance
Q1 Status			
Q2 Status 3			
Q3 Status			
Q4 Status			
4 Report the total number of informal Drinking Water Enforcement Actions.			
a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued	12/31/2017	12/31/2017	Compliance
Q1 Status			
Q2 Status 24			
Q3 Status			
Q4 Status			
b. Number of NOC/NOV Closures	12/31/2017	12/31/2017	Compliance
Q1 Status			
Q2 Status 56			
Q3 Status			
Q4 Status			
5 Report the total number of formal Drinking Water Enforcement Actions.			
a. Number of Administrative Orders issued.	12/31/2017	12/31/2017	Compliance
Q1 Status			
Q2 Status 7			
Q3 Status			
Q4 Status			

TASK 4.1 Drinking Water Compliance and Enforcement

Continued

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b. Number of Administrative Orders terminated	12/31/2017	12/31/2017	Compliance
Q1 Status			
Q2 Status 2			
Q3 Status			
Q4 Status			
6 Evaluate and respond to EPA's July 2015 Enforcement Tracking Tool (ETT) Report.			
a. Address all water systems with a score of 11 or higher.	7/2/2018		Compliance
Q1 Status			
Q2 Status calls were held on 7/13, 9/27 and 12/18			
Q3 Status			
Q4 Status			
b. During the quarterly conference calls between ADEQ and EPA Enforcement Division, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher.	Quarterly		Compliance
Q1 Status Received the first quarter ETT list on 7/18/16. First response is due on 8/12/16, call held on 9/7/16			
Q2 Status calls were held on 7/13, 9/27 and 12/18			
Q3 Status			
Q4 Status			
7 Hold monthly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions	Monthly	Quartely calls have been held	Compliance
Q1 Status 7/6/16, 8/24/16 Arsenic calls			
Q2 Status calls were held on 7/13, 9/27 and 12/18			
Q3 Status			
Q4 Status			

TASK 4.1 Drinking Water Compliance and Enforcement

Continued

4.1 FTE Funding Source		FTE	Personnel	ERE	Indirect	Others	Total
WQFF		3.42	70,115	30,851	31,370		132,336
VEI		1.85	58,936	25,932	26,368		111,236
PPG		1.17	37,972	16,708	16,989		71,669
Contract: DW Rules Update						30,000	30,000
15% Set Aside		3.76	183,703	80,829	82,189		346,721
10% Set Aside		5.54	203,788	89,667	91,175		384,630
	TOTALS	**15.74**	**554,514**	**243,987**	**248,091**	**30,000**	**1,076,592**

End of Year Summary

TASK 4.2 Groundwater Compliance and Enforcement

Implement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

4.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report the number of inspections of facilities possessing the following permit types according to risk-based inspection criteria.			
a. Individual APP; General APP/GQPP/NOD/Reuse	TBD	44	Compliance
Q1 Status			
Q2 Status 44 inspections conducted			
Q3 Status			
Q4 Status			
2 Report the total number of Informal Groundwater Enforcement Actions			
a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.	Semi-Annual	6	Compliance
Q1 Status			
Q2 Status 6 NOC/NOVs issued			
Q3 Status			
Q4 Status			
b. Number of NOC/NOV Closures issued	Semi-Annual	5	Compliance
Q1 Status			
Q2 Status 5 NOC/NOVs closed			
Q3 Status			
Q4 Status			
3 Report the total number of Formal Groundwater Enforcement Actions.			
a. Number of Administrative Orders issued.	Semi-Annual	1	Compliance
Q1 Status			
Q2 Status CITY OF SURPRISE - SPECIAL PLANNING AREA 1 WATER REC PLANT			
Q3 Status			
Q4 Status			

TASK 4.2 Groundwater Compliance and Enforcement

Continued

4.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b. Number of Administrative Orders terminated	Semi-Annual	3	Compliance

Q1 Status

Q2 Status Silver King, Marana High, Town of Taylor

Q3 Status

Q4 Status

4.2 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-DWSRF 10% [Match]	0.75	30,943	13,615	13,844		58,402
WQFF	13.12	280,883	123,588	125,667		530,138
WQARF PPG Match	1.00	3,778	1,662	1,690		7,130
TOTALS	**14.87**	**315,604**	**138,865**	**141,201**		**595,670**

End of Year Summary

TASK 4.3 Surface Water Compliance and Enforcement

Conduct site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2004). Provide electronic PDF copies of all completed major and minor inspection reports within 30 days of issuance to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.

Pretreatment audits and inspections shall be performed in accordance with "Pretreatment Compliance Inspection and Audit Manual for Approval Authorities" (EPA 833/B-86-100, July 1986). Provide electronic PDF copies of the compliance inspection and audit reports within 30 days of issuance to the EPA Region 9 Pretreatment Coordinator and to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.

Review each AZPDES permit application from publicly owned treatment works (POTW) without a pretreatment program to determine whether any significant industrial users (SIU) are discharging to the POTW. If so, require the POTW to develop a pretreatment program (full or SIU oversight only) in the subsequent permit or alternatively add the SIUs to the State's SIU inventory.

Review and approve new programs (full or SIU-oversight only) and changes to approved pretreatment programs submitted by POTWs. Provide written analyses to the POTWs when such submittals are unprovable.

Evaluate, prepare, and take informal and formal enforcement actions for violations of water quality statutes, rules and permit conditions and federal CWA statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules. Provide electronic PDF copies of all formal and judicial enforcement actions when issued to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.

Manage the Arizona data in the ICIS-NPDES data system according to EPA data policies[1] and EPA's NPDES electronic reporting rule. This includes data collection, data entry to ICIS-NPDES of required data elements, and reporting. Data sources can include dischargers, state databases, and contractors. Electronic reporting rule requirements for storm water data shall be entered in compliance with the PPG grant condition. Arizona will ensure that data and reporting requirements as outlined in their State Implementation Plan (SIP) to meet Phase 2 requirements of EPA's NPDES electronic reporting rule is completed on schedule and inform EPA in a reasonable time frame if projected tasks cannot be met.

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct the targeted number of AZPDES point source inspections:			
a Perform scheduled compliance inspections of all major facilities that are operational every other year.	28	9	Surface Water

Q1 Status Inspection target was achieved by this analysis:
58 major ind. permits + 2 major GP = 60 major permits. 4 majors not constructed. (60-4)/2 = 28

Q2 Status

Q3 Status

Q4 Status

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
b	Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term.	16	3	Surface Water
Q1 Status	Inspection target was achieved by this analysis: 78 minor ind. permits + 4 minor GPs = 82 minor permits. 82/5 = 16			
Q2 Status				
Q3 Status				
Q4 Status				
2	Conduct the targeted number of inspections of stormwater facilities subject to general permitting requirements			
a	Industrial (multi-sector general permit, MSGP)	75	A = 41	Surface Water
Q1 Status				
Q2 Status	ADEQ conducted 41 stormwater related inspection from July 1, 2017 through December 31, 2017 of industrial faciliites			
Q3 Status				
Q4 Status				
b.i.	Phase 1 (facilities larger than 5 acres)	40	A=25	Surface Water
Q1 Status				
Q2 Status	ADEQ condcuted 25 stormwater related inspections from July 1, 2017 through December 31, 2017 of large (>5 acres) construction sites.			
Q3 Status				
Q4 Status				
b.ii.	Phase 2 (facilities between 1-5 acres) *Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections.	15	A=4	Surface Water
Q1 Status				
Q2 Status	ADEQ condcuted 4 stormwater related inspections from July 1, 2017 through December 31, 2017 of small (1 to 5 acres) construction sites.			
Q3 Status				
Q4 Status				

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
c	Develop and implement outreach to increase permitting			Surface Water
Q1 Status				
Q2 Status	ongoing. Utilizting "non-filer" lists from permitted MS4s. Approximately 100 informational packets sent to unpermitted facilities.			
Q3 Status				
Q4 Status				
3	Conduct the targeted number of inspections of CAFO/AFO facilities (permitted and unpermitted).			
a	Inspect all AZPDES permitted CAFOs on a five-year cycle.	0	1	Surface Water
Q1 Status				
Q2 Status	Inspected JBS Cattle CAFO as part of a recent permit renewal. This not planned but facility was found to be in compliance.			
Q3 Status				
Q4 Status				
b	Inspect unpemitted CAFOs, as needed		0	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
4	Conduct the targeted number of Biosolids Inspections.			
a.	Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5).	5	3	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
b	Large commercial applications annually.	4	0	Surface Water
Q1 Status				
Q2 Status	In the process of training a permit writer to become a biosolids inspector.			
Q3 Status				
Q4 Status				

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
c Small commercial applicators at least every other year; applicators applying to their own fields at least twice every five years.	2	2	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
5 Review annual reports submitted under biosolids rule.			
a Review annual reports for Major and Minor WWTP generators that land apply or have surface disposal sites. Review all commercial applicators/composters.	26	0	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
6 Manage the pretreatment program.			
a Review the annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found.	19	0	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Conduct pretreatment audits (PCA) of approved pretreatment programs. The audit shall include at least two inspections of significant industrial users to independently validate the application and implementation of pretreatment standards and requirements.	4	1	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
c	Report the total number of pretreatment compliance inspections (PCIs) conducted for of approved pretreatment programs. (A PCI shall not be conducted in the same year as a pretreatment audit.)	8	4	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
d	Report the total number of SIU-oversight inspections (POTW with an SIU-oversight only pretreatment program). The focus of these inspections is solely to ensure that SIUs are complying with pretreatment standards and requirements.	Once in 5 years	0	Surface Water
Q1 Status				
Q2 Status				
Q3 Status				
Q4 Status				
7	Report the total number of sanitary sewers inspected.			
a	ADEQ will identify which program (APP or AZPDES) has authority to perform SS inspections. ADEQ will provide an inspection target during FY18 mid year review.	1/1/2018		Surface Water
Q1 Status				
Q2 Status	ADEQ has developed a new SSO checklist. For now, both the APP and AZPDES program will be jointly perfroming inspections. 1 inspection for the town of Lake Havasau will be scheduled soon. ADEQ can share the compliance checklist with EPA.			
Q3 Status				
Q4 Status				

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
8 Report total number of complaints investigated relating to Clean Water Act.			
a Complaints received.	Semi-Annual	4	Surface Water
Q1 Status			
Q2 Status stormwater complaints received during the period July 1, 2017 through December 31, 2017 = 15			
Q3 Status			
Q4 Status			
b Number of complaint/non-routine surface water inspections.	Semi-Annual	4	Surface Water
Q1 Status			
Q2 Status number of non-routine stormwater complaints investigated during the period July 1, 2017 through December 31, 2017 = 3			
Q3 Status			
Q4 Status			
9 Report a list of informal enforcement actions issued and closed for any data not reported to ICIS:			
a MSGP Issued; Closed	Semi-Annual		Surface Water
Q1 Status			
Q2 Status see spreadsheet			
Q3 Status			
Q4 Status			
b CGP Issued; Closed	Semi-Annual		Surface Water
Q1 Status			
Q2 Status see spreadsheet			
Q3 Status			
Q4 Status			
c Biosolids Issued;Closed	Semi-Annual		Surface Water
Q1 Status			
Q2 Status see spreadsheet			
Q3 Status			
Q4 Status			

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
d CAFO Issued; Closed	Semi-Annual		Surface Water
Q1 Status			
Q2 Status see spreadsheet			
Q3 Status			
Q4 Status			
10 Report a list of formal enforcement actions for any data not reported to ICIS.			
a Administrative orders issued	Semi-Annual		Surface Water
Q1 Status			
Q2 Status see spreadsheet			
Q3 Status			
Q4 Status			
b Administrative orders terminated.	Semi-Annual		Surface Water
Q1 Status			
Q2 Status see spreadsheet			
Q3 Status			
Q4 Status			
11 Complete a review and provide a response to automated QNCR (major/minor) data to identity inaccuracies.			
a	Monthly		Surface Water
Q1 Status			
Q2 Status Completed monthly			
Q3 Status			
Q4 Status			

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
12 Hold meetings and/or conference calls with EPA to discuss timely and appropriate CWA enforcement. (*) Document agreement on discussed items on follow up actions. One call each quarter will be devoted to discussing the QNCR/QNVR list and the details of actions taken on each SNC on the QNCR list. Notes: EPA's policy defines "timely" enforcement as formal enforcement taken against a facility in significant non-compliance ("SNC") within 5 ½ months of the end of the quarter in which the facility first appears as SNC on a Quarterly Non-Compliance Report ("QNCR"). Formal enforcement is defined by EPA as an administrative order or civil action that requires the facility to return to compliance. EPA will consider taking formal enforcement action against SNC facilities if ADEQ does not issue a timely formal enforcement action.			
a	Monthly		Surface Water

Q1 Status

Q2 Status held monthly meetings. Coordianted with Susan Perkins.

Q3 Status

Q4 Status

13 Update the compliance monitoring strategy for FY18

a — Surface Water

Q1 Status

Q2 Status FY17 CMS template was provided. FY18 is being completed and will be finalized for the end of year report.

Q3 Status

Q4 Status

4.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF PPG Match	0.55	26,666	11,733	11,930		50,329
WQFF	11.03	386,077	169,874	172,731		728,682
PPG	1.95	105,567	46,450	47,231		199,248
TOTALS	**13.53**	**518,310**	**228,057**	**231,892**		**978,259**

End of Year Summary

SFY 2018 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR, SWR

TASK 5.1 Division & Section Management & Support

Manage Water Quality Division and Section programs. Perform managerial, administrative, and other program duties. Advise management team and provide guidance and training to staff. Provide program oversight and guidance to regional staff performing tasks under the integrated work plan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Provide senior level technical, regulatory and hydrologic support to the Division Director, the Water Quality Division, and the agency. Develop concise, comprehensive, and technically and legally defensible products supporting development, implementation, and interpretation of WQD programs. Process fees and related administrative tasks for the Division.

5.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Participate in EPA/ADEQ grant meetings:			
a End of year review for FY17	9/30/2017		All Sections
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Mid-year review for FY18	2/28/2018		All Sections
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c EPA negotiation meetings for FY18	3/31/2018		All Sections
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Manage division rules agenda			
a 5-year reviews	6/30/2017		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Executive Order 2015-01 reducing regulatory burden	8/1/2017		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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TASK 5.1 Division & Section Management & Support

Continued

5.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
c Rule packages with governor's exemption	6/30/2018		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Manage receipt of fees and permit invoicing for the Division	6/30/2018		Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 If resources are available, ADEQ will attend the: Fall ASDWA meetings and associated ASDWA-EPA roundtable discussions.	6/30/2018	10/16/2017	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
5 If resources are available, ADEQ will attend the: Spring ASDWA meetings and associated ASDWA-EPA roundtable discussions.	6/30/2018		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 5.1 Division & Section Management & Support

Continued

5.1 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
6	If resources are available, ADEQ will attend the EPA Region 9 State Directors meeting.	6/30/2018		Drinking Water
	Q1 Status			
	Q2 Status			
	Q3 Status			
	Q4 Status			
7	If resources available, ADEQ will participate in rule development workgroups/workshops as requested by ASDWA or EPA.	6/30/2018		Drinking Water
	Q1 Status			
	Q2 Status			
	Q3 Status			
	Q4 Status			
8	4) In keeping with EPA Region 9's Greening Grants Policy, ADEQ will identify any appropriate goals and measures for the Agency in the areas of environmental preferable purchasing, resource conservation and disposal, and/or energy efficiency and conservation			Director
	Q1 Status			
	Q2 Status			
	Q3 Status			
	Q4 Status			
9				
	Q1 Status			
	Q2 Status			
	Q3 Status			
	Q4 Status			
10				
	Q1 Status			
	Q2 Status			
	Q3 Status			
	Q4 Status			

TASK 5.1 Division & Section Management & Support

Continued

5.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF PPG Match	1.41	59,746	26,288	26,730		112,764
WQFF	17.29	738,972	325,148	330,616		1,394,736
VEI DWSRF Match	1.06	69,615	30,631	31,146		131,392
VEI	2.18	135,621	59,673	60,677		255,971
PPG	5.78	263,131	115,778	117,725		496,634
NPS WQFF	0.20	6,893	3,033	3,084		13,010
NPS PPG	0.80	27,571	12,131	12,335		52,037
Contract: Education and Training					7,400	7,400
Contract: Attorney General (State Funds)					556,550	556,550
15% Set Aside	1.00	41,796	18,390	18,700		78,886
10% Set Aside	1.00	33,488	14,735	14,983		63,206
Contract: Attorney General (PPG)					509,450	509,450
TOTALS	**30.72**	**1,376,833**	**605,807**	**615,996**	**1,073,400**	**3,672,036**

End of Year Summary

TASK 5.2 Water Quality Planning

Coordinate the development and amendment of annual water quality work plans and grants. Plan, control and monitor expenditures of manpower and state/federal financial resources.

5.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Develop annual FY19 Integrated Water Quality Division Workplan and submit to EPA.			
a Draft	2/28/2018		Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Final	5/31/2018		Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Coordinate development of performance reports			
a Final FY17 Output Report to EPA	8/31/2017		Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b FY18 Mid-Year Output Report to EPA	2/15/2018		Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 WQ Planning documents			
ai Submit Budget Status Reports (BSR) summaries for: Performance Partnership Grant (PPG)			Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 5.2 Water Quality Planning

Continued

5.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
aii Submit Budget Status Reports (BSR) summaries for: DWSRF Federal (15%) Set-Aside			Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
aiii Submit Budget Status Reports (BSR) summaries for: Wellhead (10%) Set-Aside			Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

5.2 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
PPG	0.35	12,929	5,689	5,785		24,403
TOTALS	**0.35**	**12,929**	**5,689**	**5,785**		**24,403**

End of Year Summary

TASK 5.3 Water Quality Data Management

Facilitate the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate water data capture, storage, access, retrievals, analysis, integration, and sharing.
All water quality data generated in accordance with an EPA approved Quality Assurance Project Plan will be transmitted into the Agency's Storage and Retrieval (STORET) data warehouse using either the Water Quality Exchange (WQX) or WQXweb. Water quality data that are appropriate for STORET include physical, chemical, and biological sample results for water, sediment and fish tissue. The data include toxicity data, microbiological data, and the metrics and indices generated from biological and habitat data. WQX is the water data schema associated with the EPA, State and Tribal Exchange Network. More information about WQX, WQXweb, and the STORET warehouse, including tutorials, can be found at http://www.epa.gov/storet/wqx/

5.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
Q1 Status			
Q2 Status Gap analysis should begin in third quarter of 2016			
Q3 Status			
Q4 Status			
3 Continue to diagnose and fix bugs in ADEQ Water Quality Compliance Database uploads to EPA Integrated Compliance Information System database.	6/30/2018		ITS Director
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			
4 Continue to assist in the analysis and design of myDEQ.	6/30/2018		ITS Director Permits Surface Water Compliance Drinking Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			

TASK 5.3 Water Quality Data Management

Continued

5.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
5 Water Quality Database			
a Install new software and complete data migration to manage water quality data.	6/30/2018		ITS Director Surface Water
Q1 Status			
Q2 Status Request for proposal expected to go to vendors during the third quarter of 2016			
Q3 Status			
Q4 Status			
b Diagnose and fix bugs in current water quality database, including data loads to EPA Water Quality Exchange network during transition to new database solution.	6/30/2018		ITS Director Surface Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			
c Provide the number of records sent to EPA's Water Quality Data Exchange for FY18.	8/30/2018		ITS Director Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
6 Stormwater general permits			
a Diagnose and fix bugs related to permits in storm water database, including annual fees program.	6/30/2018		ITS Director Surface Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			

TASK 5.3 Water Quality Data Management

Continued

5.3 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
b	Diagnose and fix bugs related to storm water database e-permitting.	6/30/2018		ITS Director Surface Water

Q1 Status

Q2 Status Ongoing

Q3 Status

Q4 Status

7 Reporting

a	Continue to develop a data warehouse solution for storm water permits, class V injection wells and Discharge Monitoring Report data.	6/30/2018		ITS Director Surface Water Compliance

Q1 Status

Q2 Status Not currently targeted for this fiscal year

Q3 Status

Q4 Status

5.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	10.49	743,118	326,972	332,471		1,402,561
WQARF PPG Match	1.00	5,037	2,216	2,254		9,507
VEI DWSRF Match	0.25	6,396	2,814	2,862		12,072
VEI	1.25	21,532	9,474	9,633		40,639
NPS WQARF PPG Match	0.40	9,466	4,165	4,235		17,866
NPS PPG	1.27	67,642	29,762	30,263		127,667
Contract: SWOCs Update					200,000	200,000
Contract: CMDP Migrate					52,000	52,000
106	1.00	20,756	9,133	9,286		39,175
TOTALS	**15.66**	**873,947**	**384,536**	**391,004**	**252,000**	**1,901,487**

End of Year Summary

TASK 5.4 WIFA Support

Provide water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniues and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be watewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements.

5.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Provide engineering consultation to WIFA project managers during loan application process:			
a Review WIFA project manager's due diligence report for evaluation of project purpose, scope and cost.	As needed		Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Accompany WIFA project managers on loan application visits when needed to assist with evaluation of technical aspects of project.	As needed		Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Assist with WIFA review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans.	2-4 wastewater projects		Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Accompany WIFA project managers on construction observations when needed to assist with review of American Iron and Steel compliance.	As needed		Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

TASK 5.4 WIFA Support

Continued

5.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
3 Answer questions/provide engineering consultation to WIFA project managers as technical questions arise.	6/30/2018		Water Permits Drinking Water

Q1 Status

Q2 Status

Q3 Status

Q4 Status

5.4 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
DWSRF	1.00	2,292	1,008	1,025		4,325
TOTALS	**1.00**	**2,292**	**1,008**	**1,025**		**4,325**

End of Year Summary

TASK 5.5 Border Strategy

Continue implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region.

Coordinate with EPA on Border 2020, or subsequent U.S.-Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program.

5.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Continue support of the wastewater pretreatment program in the Ambos Nogales border region. Specific activities include:			
a Provide technical support to stakeholders	6/30/2018		SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Maintain or revise, if necessary, ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities	6/30/2018		SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Assist with coordination of training to enhance local pretreatment efforts	6/30/2018		SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
d Assist with source characterization of regulated contaminants	6/30/2018		SRO
Q1 Status			
Q2 Status On November 24, forwarded recommendations to the U.S. International Boundary and Water Commission (IBWC) associated with review of a scope of work for source characterization of wastewater contamination in Ambos Nogales wastewater.			
Q3 Status			
Q4 Status			

TASK 5.5 Border Strategy

Continued

5.5 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
2	Participate in or chair meetings with binational stakeholders regarding issues and remedies to the water quality impairment of shared watersheds along the US/Mexico border including Nogales Wash in Ambos Nogales	6/30/2018		SRO

Q1 Status

Q2 Status On October 5, participated in a teleconference with border-state representatives to discuss the next Good Neighbor Environmental Board (GNEB) advice letter for the President and Congress; recommendations were prepared in response to an action item from the conference. On October 8, submitted approved draft recommendations for the letter on behalf of Arizona to the board. On October 20, supported the Binational Technical Committee meeting hosted by the U.S. International Boundary and Water Commission (IBWC) in Nogales, Sonora, and developed a meeting summary for the same. On October 25, submitted a case study for the Sky Island Resource Cooperative Annual Report summarizing ADEQ's cases study for the GNEB's 16th annual report. The case study was accepted and published. On November 13, forwarded recommendations to the Border Environment Cooperation Commission associated with review of a Douglas Flood Mitigation Alternatives scope of work for the communities of Douglas-Agua Prieta.

Q3 Status

Q4 Status

3	Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.	6/30/2018		SRO

Q1 Status

Q2 Status

Q3 Status

Q4 Status

TASK 5.5 Border Strategy

Continued

5.5 DELIVERABLES

	OUTPUT DESCRIPTION	Target	Actual	Responsible Section
4	Coordinate with EPA on Border 2020 and provide technical support as feasible on projects funded through the program.	6/30/2018		SRO

Q1 Status

Q2 Status During this quarter, staff compiled and provided GIS files for the Santa Cruz River watershed to an EPA contractor working on a source characterization for wasted materials accumulated along Nogales Wash and Santa Cruz River. Booz Allen Hamilton used these files to develop maps of potential waste accumulation points prior to actual onsite field visits.

On December 16, participated in a teleconference with TetraTech, the Border Environment Cooperation Commission, and several Arizona municipalities to review the latest revisions to the final report for the EPA Border 2020 pretreatment toolkit project; staff provided feedback during and after the teleconference. On December 18, finalized a second case study on stormwater challenges in Ambos Nogales to include recommendations for Border Environment Infrastructure Fund eligibility criteria and grant management. (Draft in Review).

Q3 Status

Q4 Status

5	Assist in TMDL and groundwater quality investigations for sites located in the border region as assigned. Investigations may include the need to photo-document conditions, collect field notes, conduct water quality sampling and data management, and/or file preliminary reports on findings.	6/30/2018		SRO

Q1 Status

Q2 Status

Q3 Status

Q4 Status

6	Assist in the development and oversight of special conditions for permits assigned to operators of facilities in the border region.	6/30/2018		SRO

Q1 Status

Q2 Status

Q3 Status

Q4 Status

TASK 5.5 Border Strategy

Continued

5.5 DELIVERABLES

OUTPUT DESCRIPTION		Target	Actual	Responsible Section
7	Provide bilingual compliance assistance to customers in the border region.	6/30/2018		SRO

Q1 Status

Q2 Status

Q3 Status

Q4 Status

5.5 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF	0.97	69,649	30,645	31,161		131,455
15% Set Aside	0.33	23,146	10,184	10,355		43,685
TOTALS	**1.30**	**92,795**	**40,829**	**41,516**		**175,140**

End of Year Summary