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GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.1	**TASK: Drinking Water Plan Review** Review plans for water project applications including new water production, treatment, storage and distributions facilities and appurtenances, modifications to existing facilities, and point-of-use/point-or-entry devices. Review plans for swimming pools. Assist individual drinking water systems to improve operations on site. **DELIVERABLES:**		
PPG	1) Make permitting decisions within licensing timeframe (LTF) requirements on water project applications and report numbers processed: a) Approvals to Construct b) Approvals of Construction c) Approvals to Install POU/POE d) Approvals of POU/POE Installation	T = 100% a) Quarterly **Comment** b) Quarterly **Comment** c) Quarterly **Comment** d) Quarterly **Comment**	Drinking Water SRO

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 1a: Received 40 applications; approved 46 with 6 apps carried over from last quarter. Deliverable 1b: Received 54 applications; approved 53 with one app under review. Deliverable 1c & 1d: None to date.
2ND QTR: Deliverable 1a: Received a total of 85 applications; approved 83 with 2 apps under review. Deliverable 1b: Received 98 applications; approved 99 with one app carried over from previous qtr. Deliverables 1c & 1d: Zero and 1, respectively, to date, with 1 carried over from FY2012.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (DW)	4.00	12,171
WQFF PWSS Federal [Match]	36.00	178,618
TOTAL	40.00	190,789

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.2	**TASK: Drinking Water Technical Assistance** Maintain WIFA/DEQ Partnership to provide technical assistance to public water systems. Monies provided by SRF set-a-sides will be used to pay third-party providers for delivering technical assistance to individual PWSs, or groups of PWSs at ADEQ's direction, or developing tools that will benefit small water systems. **DELIVERABLES:**		
PWSS Federal	1) Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA.	T = Annually	Drinking Water
PWSS Federal	2) Initiate System Evaluations (SEs) projects to state approved contractors and oversee contractor performance. a) 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.	T = a) Quarterly **Comment**	Drinking Water
PWSS Federal	3) Annual report to EPA	T = 9/01/12 **A = 9/27/12**	Drinking Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #2a: Tasks at 1 PWS was completed. Approximately $3,400 was dispersed for TA tasks by 9/30/12.

2ND QTR: Deliverable #2a: No additional tasks were completed. The amount dispersed for TA task remains at approximately $3,400. A limited number of tasks have been awarded to contactors due to a continuation of the Procurement Program's reassessment of water related procurement processes and procedures.

FTE FUNDING SOURCE	MONTHS	AMOUNT
PWSS Federal Tech Assist Contract - WIFA	2.00	9,275

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.3	**TASK: Operator Certification** Section 1419 of 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. **DELIVERABLES:**		
PWSS Federal	1) Conduct training workshops to educate operators	T = 11 **A = 3**	Drinking Water
PWSS Federal	2) Issue certificates to persons passing testing requirements within 7 days of receipt from third party vendors. Report certificates issued by class and grade.	T = Quarterly **Comment**	Drinking Water
PWSS Federal	3) Review and verify professional development hours for certification renewals.	T = 10% **A = 10%**	Drinking Water
PWSS Federal	4) Conduct audits of approved third party proctors.	T = 100% **A = 100%**	Drinking Water
PWSS Federal	5) Close out the Expense Reimbursement Grant (grant expires on 6/30/12). Final ERG report to EPA.	T = 9/30/12 **11/05/12**	Drinking Water
PWSS Federal	6) Annual report to EPA.	T = 9/01/12 **A = 9/27/12**	Drinking Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #2: 73 certificates were issued to persons passing exam requirements.
2ND QTR: Deliverable #1: Some training has been delayed due to a continuation of the Procurement Program's reassessment of water related procurement processes and procedures It is currently anticipated a meeting planner will be awarded a contract during the 3rd quarter at which time additional training events can be scheduled. Deliverable #2: 186 certificates were issued to persons passing exam requirements. Distribution Grade 1 = 56; Distribution Grade 2 = 33; Distribution Grade 3 = 13; Distribution Grade 4 = 6; Treatment Grade 1 = 29; Treatment Grade 2 = 21; Treatment Grade 3 = 18; Treatment Grade 4 = 10.

FTE FUNDING SOURCE	MONTHS	AMOUNT
PWSS Federal	36.00	130,222
TOTAL	36.00	130,222

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.4	**TASK: New and Existing System Capacity Development** Assure 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. Implement the WIFA/DEQ Partnership to provide Operational Technical Assistance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address the same. **DELIVERABLES:**		
PWSS Federal	1) Update capacity development master priority list annually for existing systems.	T = 3/13	Drinking Water
PWSS Federal	2) Make permitting decisions within licensing time frame (LTF) requirements on elementary business plan applications and prior to issuance of AOC. Report approvals.	T = Quarterly **A = 0; Comment**	Drinking Water
PWSS Federal	3) Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following topics: a) Monitoring assistance program b) New PWS capacity development c) EMP/ERP/VA d) Existing compliance monitoring rules	T = a) 3 **A=0** b) 2 **A=0** c) 3 **A=1** d) 4 **A=1**	Drinking Water
PWSS Federal	4) Annual program evaluation report.	T = 9/1/12 **A = 9/27/12**	Drinking Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 2: One application was received and reviewed but is still awaiting approval pending the completion of infrastructure requirements.

2ND QTR: Deliverable 2: No change as of Mid-Year (see Qtr. 1 comment). Deliverable #3a and 3b: Training has been delayed due to a continuation of the Procurement Program's reassessment of water related procurement processes and procedures. It is currently anticipated a meeting planner will be awarded a contract during the 3rd quarter at which time additional training events can be scheduled.

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.4	**TASK: New and Existing System Capacity Development (Cont'd)** **DELIVERABLES:**		

FTE FUNDING SOURCE	MONTHS	AMOUNT
PWSS Federal	21.00	85,446
TOTAL	21.00	85,446

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.5	**TASK: Safe Drinking Water Monitoring Assistance Program (MAP)** Develop and implement strategies to perform compliance monitoring for systems serving fewer than 10,000 populations. 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. **DELIVERABLES:**		
	1) Update monitoring schedules, including waiver assessments, for: a) Groundwater PWSs b) Surface water PWSs	T = Ongoing a) Biweekly **A = Biweekly** b) Biweekly **A = Biweekly**	Drinking Water
PWSS Federal	2) Complete 2012 MAP system invoices.	T = 2/15/13	Drinking Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR:

2ND QTR: Deliverable #2. The MAP systems will be billed in three batches. Invoices went out in November 2012 and December 2012. The last and final batch of invoices is scheduled to go out in February 2013.

FTE FUNDING SOURCE	MONTHS	AMOUNT
PWSS Federal	4.00	21,671
MAP Fee Fund	24.00	87,236
TOTAL	28.00	108,907

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.6	**TASK: 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. **DELIVERABLES:**		
PWSS Federal	1) Complete SDWIS reporting for OECA on actions taken on systems with new violations.	T = Quarterly **Comment**	Drinking Water
PWSS Federal	2) Run monitoring/reporting rules in SDWIS, validate violations and ensure proper public notification is issued.	T = Quarterly **A = 2**	Drinking Water
PWSS Federal	3) Hold regular meetings and/or conference calls with EPA to discuss PWSS issues. Document agreement on discussed items and follow up actions.	T = 12 (Monthly) **A = 6**	Drinking Water
PWSS Federal Wellhead	4) Complete GUDI determinations on new groundwater sources as they are developed. Notify EPA of any backlog of assessment work on the new sources.	T = Quarterly **A = 4**	Drinking Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 1: Submitted files for actions in prior years on 8/24/12 and 9/28/12. Deliverable 4: There were two GUDI determinations: #13121, Oak Creek Valley POA, NOT GUDI determination on Aug. 17, 2012 and #03004, Oak Creek Utility, NOT GUDI determination on Sept. 25, 2012.

2ND QTR: Deliverable 1: Edited list for duplicate violation removal on 10/04/12, regular data submittal on 11/14/12, and corrections made to prior upload on 12/17/12. Deliverable 4: Four determinations have been made cumulatively to date. There were two completed GUDI determinations this quarter: #13416 Arizona State Parks Red Rock Lodge, NOT GUDI determination on November 6, 2012, and #13472 Arizona State Parks Red Rock Lodge Upper, NOT GUDI determination on November 6, 2012.

FTE FUNDING SOURCE	MONTHS	AMOUNT
PWSS Federal	56.00	227,648
Wellhead	7.00	27,227
TOTAL	63.00	254,875

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GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.7	**TASK: Source Water Protection** Identify protective strategies and assist individual water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. **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. **DELIVERABLES:**		
PWSS Federal	1) Conduct Source Water Protection Program outreach events with individual PWSs.	T = 8 **A = 7**	Drinking Water
Wellhead	2) Collect locational data using GPS and/or GIS. a) New drinking water sources or modify/update locational information for existing sources. b) Potential sources of contamination (chemical use/storage) within ½ mile radius of a new or existing drinking water source.	T = 5 **A = 0**	Drinking Water
Wellhead	3) Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas.	T = 5 **A = 0**	Drinking Water
Wellhead	4) Make sensitivity determinations for PWSs/sources through: a) Review of occurrence data b) Review Sanitary Surveys c) Review of hydrological characterization (50 foot clay layer).	T = 5 **A = 1**	Drinking Water
Wellhead	5) Conduct comprehensive inventories of potential sources of contamination.	T = 8 **A = 0**	Drinking Water

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.1.7	**TASK: Source Water Protection (Cont'd)** **DELIVERABLES:**		
Wellhead	6) Identify any changes in trends to the previously identified most prevalent and most threatening potential sources of contamination	T = Annually **Comments**	Drinking Water
Wellhead	7) Use new and updated SWA as part of a PWSs development of a SWP plan.	T = 5 **A = 3** **Comment**	Drinking Water
Wellhead	8) Assist public water systems to identify protection strategies and to implement those strategies.	T = 5 **A = 3** **Comment**	Drinking Water
Wellhead	9) Assist community water systems in achieving minimized risk to public health, where risk to public health is minimized by source water protection.	T = 3 **Comment**	Drinking Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #6: Will be reviewed at year end. Deliverables #7-#9: Activity, but none completed to date.
2ND QTR: Deliverable 1: Total of 7 outreach events held at the mid-year: City of Holbrook Site Visit 7/28/12; Verde River Days 9/29/12; schools presentation at EPA Western States Forum in Idaho on 10/25/12; follow-up site visit & assessments for City of Hollbrook, PWS 09015, on 10/10/12; American Indian Christian Mission, PWS 09074, on 10/10/12; Holbrook SDA Indian School, PWS 09046, on 10/11/12; Sequoia Village School, PWS 09088, on 10/11/12. Deliverable 2 and 3: No activity to date. Deliverable 4: GUDI well 55-210454/Pine Strawberry Water Improvement District/Milk Ranch Well completed 12/06/12. Deliverable 5: No activity to date. Deliverable 6: No activity; will be reviewed at year-end. Deliverable 7 & 8: 07182 (Brophy), 15115 (Bouse) and 020325 (Estes); SWP Plans completed and sent 12/18/12. Deliverable 9: Activity, but none completed to date.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (DW)	3.40	11,581
Wellhead	56.00	246,837
PWSS Federal	2.00	10,013
TOTAL	61.40	268,431

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4400: Underground Water Regulation Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.2.1	**TASK: Groundwater Protection – Permits** Carryout statutory requirements of Arizona's groundwater protection programs to help protect drinking water uses of the aquifer. Maintain compliance with these programs through effective permitting in accordance with Department practice and policies. Assist individual wastewater systems to improve operations on site. Continue to communicate with EPA on groundwater related issues. **DELIVERABLES:**		
	1) Make permitting decisions on Type 4 General Permit applications. a) Construction Authorizations b) Discharge Authorizations	T = a) Quarterly **A = 61** b) Quarterly **A = 53**	Groundwater
	2) Make permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications.	T = Quarterly **A = 10**	Groundwater
	3) Continue to communicate with EPA on groundwater related issues **via** the *APP Permits with Groundwater Related Issues Table* **following Task 1.2.1..**	T = Quarterly **See Table 1.2.1**	Groundwater

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR:
2ND QTR:

FTE FUNDING SOURCE	MONTHS	AMOUNT
WQFF WQFF PWSS Federal [Match]	228.00 160.00	879,437 663,447
TOTAL	388.00	1,542,884

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TASK 1.2.1, DELIVERABLE 3 - APP PERMITS WITH GROUNDWATER RELATED ISSUES

PROJECT NAME	DESCRIPTION	STATUS
GreenFire Energy	Proposed project to tap naturally-occurring CO_2 (~10,000' bgs) near Springerville, Arizona for pilot project to produce geothermal energy. Company has had discussions with WESTCARB regarding potential CO_2 sequestration testing at this project. No permit.	No activity during 1st and 2nd quarters.
Morton Salt	Glendale, AZ. Salt is mined from Luke Salt Body via solution mining wells. Existing Individual APP (Permit #100176).	ADEQ witnessed mechanical integrity test in November 2012.
Florence In Situ Project (Curis Copper)	Significant APP amendment application no longer active. Temporary APP application submitted 3/06/12 to evaluate pilot mining project on much smaller footprint. Existing Individual APP (Permit #101704).	Temporary APP permit was issued on September 28, 2012. Public comment period has closed. ADEQ staff are now preparing a responsiveness summary to address the many comments received from the public.
BHP Miami	APP to include injection well field. Existing Individual APP Permit #101546.	Discussions with applicant being held.
Multifuels	No contact with ADEQ in over 1 year. No permit.	Multifuels has repeated its intention to reinject brine produced as a result of solution mining for salt cavern development. No application has been received; no activity during the first half of FY 13.

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GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation Program #4400: Underground Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.2.2	**TASK: Groundwater Source Protection** Implement measures to protect Arizona aquifers that serve as drinking water sources. Provide hydrologic support to evaluate proposed mitigation measures for non-hazardous substances in groundwater that have impaired or will impair the use of a drinking water source. Maintain drywell database. **DELIVERABLES:**		
Wellhead	1) Drywell registrations: a) Register existing and new dry wells (Class V injection wells) b) Evaluate wells to determine potential impact from waste disposal activities in drainage area to assess need for APP	T = Quarterly **A = 904** **Comments**	Groundwater
Wellhead	2) Evaluate potential for adverse impacts to groundwater quality resulting from recharge through injection wells, recharge basins or other means. (*Refer to Recharge Facility Reviews Table* following Task 1.2.**2**.)	T = Within ADWR Timeframes **See Table 1.2.2**	Groundwater

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR - Groundwater Section: Deliverable #1: 80 registration forms received, 272 registered. Deliverable #2: **Sierrita Mitigation Order** – Review of the Semiannual Groundwater Monitoring Report for Samples Collected during the Fourth Quarter 2011 and First Quarter 2012; completed July 6, 2012. Review of 2011 Freeport-McMoran Sierrita Inc. Interceptor Well Field Operation Performance Technical Memorandum Report; completed August 28, 2012. **Bisbee Mitigation Order** – Review of the March 1, 2012 through May 31, 2012 Status Report for the Bisbee Mitigation Order; completed July 6, 2012. Review of First Quarter 2012 Groundwater Monitoring Report; completed July 6, 2012. Review of the Feasibility Study and Mitigation Plan For Drinking Water Supplies Affected by Sulfate; completed September 5, 2012. Attended a meeting on August 23, 2012 with Freeport McMoRan Copper Queen Branch staff to discuss implementation status of replacement of domestic wells impacted by sulfate contamination and other mitigation activities for drinking water supplies affected by sulfate contamination.

SRO Activities: On August 25, staff collected and had analyzed for metals surface water samples from a binational sanitary sewer overflow (SSO) in Nogales Wash in order to understand potential impacts on downstream groundwater quality. Resulting detections for chromium will guide future groundwater quality monitoring at the Nogales Grand Avenue site (WQARF site). In September, draft case study revisions were submitted to the Good Neighbor Environmental Board for their upcoming report, highlighting concerns over impact of binational SSOs on groundwater quality in the Nogales border region.

2ND QTR: (Next Page)

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1: Protect Human Health.		Program #4900: Drinking Water Regulation Program #4400: Underground Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.2.2	**TASK: Groundwater Source Protection (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

2ND QTR: Deliverable 1: A total of 199 registrations were received and 904 dry wells were registered at the Mid-Year.
Sierrita Mitigation Order – Attended a meeting on November 27, 2012, with Freeport McMoRan Sierrita to discuss an extension to the Mitigation Order time frame to submit a revised Mitigation Plan based on delays in purchasing State Land for installation of extraction wells and infrastructure.
SRO Activities: Deliverable 2: During the week of October 8, staff plotted groundwater quality and well location data submitted by the consultant for the Nogales Grand Avenue WQARF site, URS, for monitoring of VOCs that took place at the site in March, May and June, 2012. Maps and databases were updated and checked for quality assurance. Additionally, staff reviewed a paper authored by the University of Arizona (UA) and published in *Environmental Science and Technology* summarizing TCE in breast milk in the Nogales region; staff's review resulted in a correction filed by the UA during the week of October 8.

FTE FUNDING SOURCE	MONTHS	AMOUNT
Wellhead	47.00	211,219
TOTAL	47.00	211,219

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TASK 1.2.2, DELIVERABLE #2 – RECHARGE FACILITY REVIEWS

ADEQ HAS MET WITH ADWR AND/OR APPLICANTS REGARDING FACILITIES WITH ADWR USF APPLICATIONS IN PROCESS.		
City of Scottsdale (ADWR USF permit also)	In Scottsdale, Maricopa County, AZ. ASR wells, vadose zone recharge wells; CAP and reclaimed water. Existing Significant Amendment (Permit P-102633)	Significant Amendment issued during 1st Qtr 2012.
City of Peoria Vistancia Recharge Facility (ADWR USF permit also)	Peoria, AZ, vadose zone recharge wells; reclaimed water from the Jomax Water Reclamation Facility. Existing Individual APP (Permit P-106223)	Permit issued, 1st Qtr 2012. ADEQ met with permittee to discuss ambient sampling in 1st Qtr.
City of Casa Grande WWTP Recharge Project (ADWR USF permit application also)	Near Casa Grande, Pinal County, AZ. In-channel discharge will be replaced by recharge basins for effluent recharge. Existing Individual APP (Permit P-106362)	Casa Grande has submitted an application for a constructed recharge project and has submitted an Underground Storage Facility Permit application to ADWR.
Town of Gilbert South Recharge Site (ADWR USF permit application also)	In Gilbert, Maricopa County, AZ. Effluent is recharged via basins. Existing Individual APP (Permit P-105302)	Significant APP Amendment under hydrologic review. Applicant wishes to replace old monitor wells and install wells at new locations.
Town of Prescott Valley (ADWR USF application also)	In Prescott Valley, Yavapai County, AZ. Effluent is recharged via basins adjacent to the Agua Fria River. Existing Ind. APP (Permit P-102503)	Significant Amendment issued during this quarter. Basins and monitor wells will be phased as capacity of facility is increased.
City of Sedona WWTP	Near Sedona, Yavapai County, AZ. Existing APP (Permit P-102298). Effluent is discharged to constructed wetlands.	The permittee intends to perform an effluent injection test at the city's WWTP. An application is anticipated during 2nd Quarter 2013.

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.1	**TASK: 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 not degrade or impair water quality. Maintain compliance through effective permitting in accordance with Department practices and policies. **DELIVERABLES:**		
	1) Process AZPDES permit actions including issuance, modifications, denial, suspension, or revocation. a) Report status of permit processing. b) Provide list of SIUs. (Refer to Task 1.4.3, pretreatment deliverable #8).	T = **Comments** a) Quarterly **A = 24** b) Quarterly	Surface Water
	2) Process permit renewals for all expiring AZPDES permits with a goal of 90% current to minimize 'backlog.'*	T = Quarterly **A = 94%** **Comment**	Surface Water
	3) Develop new AZPDES facility general permits a) Complete stakeholder process and issue biosolids GP b) Initiate stakeholder process for additional new AZ general permits: i) Discharges from groundwater remediation systems ii) Discharges to urban lakes/riparian habitat	T = a) 12/12 **Comment** bi) 1/13 **Comment** bii) 4/13 **Comment**	Surface Water
	4) Provide Summary of existing variances a) Provide a list of all permits with variances or anticipated need for a variance. List will identify the pollutant for which the variance is needed and discuss strategy achieving limits. b) Coordinate with EPA on variance approval process and strategy.	T = a) 8/12 **A = 9/12** b) 6/13 **In process**	Surface Water
PPG	5) Complete stakeholder process for renewal of the Construction General Permit: a) Public notice draft Construction GP b) Finalize Construction GP	a) T = 10/12 **A = 11/23/12** b) T = 2/13	Surface Water
	6) Phase I MS4 Permits: a) **MS4** Permits – **Review**, evaluate and respond to updated SWMPs b) Process permit renewal of ADOT MS4 i) draft permit ii) final permit	a.) T = **8** **Comment** b) As required bi) 5/13 bii) 12/13	Surface Water

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GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**
Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.1	**TASK: Arizona Pollutant Discharge Elimination System (AZPDES) – Cont'd.** **DELIVERABLES:**		
	7) Begin stakeholder process for MS4 Phase II General Permit renewal a) Determine potential new permittees b) Review existing permit for potential changes	T = 12/12 **Comment** a) 1/13 b) 6/13	Surface Water
	8) AZPDES General Permits – Review and process applications, annual reports, DMRs and SWPPPs. Report applications processed quarterly. a) Multi-Sector General Permits – Report number of: i) Notices of Intent ii) Notices of Termination iii) **No Exposure Certificates** b) Stormwater Construction General Permits – Report number of: i) Notices of Intent ii) Notices of Termination iii) Waivers c) DeMinimis General Permits – Report number of: i) Notices of Intent **(1) Single source** **(2) Area wide** ii) Notices of Termination d) Pesticide General Permit – Report number of: i) Notices of Intent ii) Notices of Termination	T = ai) Quarterly **A = 54** aii) Quarterly **A = 9** aiii) Quarterly **A = 19** bi) Quarterly **A = 682** bii) Quarterly **A = 992** biii) Quarterly **A = 35** ci) Quarterly (1) **A = 14** (2) **A = 20** cii) Quarterly **A = 9** di) Quarterly **A = 3** dii) Quarterly **A = 0**	Surface Water SRO

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #1: Fifteen (15) individual permits were issued; eight (8) of these were renewal permits, two (2) were new permits, and five (5) were major modifications.
Deliverable #2: Thirteen (13) permits are backlogged; five (5) have been granted and are awaiting payment of final bill, two (2) are in public notice, four (4) have variance requests in process, one (1) has compliance issues and may be withdrawn, and one (1) has been transferred to a custodial trust and cannot be processed at this time.
Deliverable #3: The final stakeholder meeting for the Draft General Permit for Biosolids is scheduled for 11/8/2012, and public notice is expected to begin by 12/15/12. The stakeholder process for two additional General Permits (Groundwater Remediation Systems and Riparian Habitat Restoration) will begin in early- to mid-2013.
2ND QTR: (Next Page)

* For purposes of this workplan, 'backlog' means an AZPDES application that is 6 mos. from expiration or a new application that has been in process over one year.

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.1	**TASK: Arizona Pollutant Discharge Elimination System (AZPDES) – Cont'd.** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

2ND QTR: Deliverable #1: Nine (9) individual permits were issued; six (6) of these were renewal permits, two (2) were new permits, and one (1) was a major modification. Deliverable #2: Nine (9) permits are backlogged; one (1) has been granted and is awaiting payment of final bill, two (2) are in public notice, three (3) have variance requests in process, one (1) has been drafted and is in review, one (1) requires facility upgrades to meet standards and may be withdrawn, and one (1) has been transferred to a custodial trust and cannot be processed at this time. Deliverable #3: The final stakeholder meeting for the Draft Biosolids General Permit was held on 11/8/2012, and the draft permit will begin public notice on 1/4/2013. The stakeholder process for two additional General Permits (Groundwater Remediation Systems and Riparian Habitat Restoration) will begin in early- to mid-2013. Deliverable #5: Draft CGP issued for Public Comment on November 23, 2012 and published in the Arizona Administrative Register (A.A.R.). Deliverable #6: Phase I MS4 SWMP reviews are ongoing based on the dates updated SWMPS are to be submitted to ADEQ. Deliverable #7: As a corollary to re-issuing the Phase II MS4 general permit, ADEQ is initiating a stakeholder group to assess the MS4 program and the stormwater construction general permit, as required by the Arizona State Legislature in Senate Bill 1289. The first stakeholder meeting is scheduled for January 30. Deliverable 8aiii: Correction in bold replaces text *Certificate of Terminations*.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW)	5.50	17,218
PPG	9.00	45,020
WIFA Fees (CW) PPG [Match]	38.50	163,411
WQFF - AZPDES	124.60	475,574
TOTAL	177.60	701,223

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AZPDES Renewal Permits FY13								
Permittee	**AZPDES # AZ00--**	**Type**	**Permit Exp date**	**Date appl. Due**	**date App Rec**	**LTF Number**	**Proj Mgr**	
Agua Caliente Park	25330	Min	8/1/2012	2/1/2012	1/4/2012	55418	RA	Adm. Def. response received 2/13/12. Permit drafted, in Ext Rev 6/272012. PN ended 9/28/2012. Granted 10/5/2012, awaiting payment. ***Signed/Eff 11/27/2012, Exp 11/26/2017.***
Alpine	25089	Min	4/12/2009	10/12/2008	10/31/2008	48887	~~SF~~ ~~MG~~ JM	Adm Def letter sent 11/19/08. Sub Def ltr sent 9/18/09. Letter will be sent providing options - permit may be withdrawn if discharges can be prevented by facility upgrades.
Avondale, City of	23281	Maj	7/14/2013	1/14/2013	12/24/2012		RA	
AZ American - Anthem Water Campus WWTP	25429	Maj	4/17/2011	10/17/2010	10/18/2010	53345	SM	Admin def ltr sent 12/3/10. Additional time requested and granted. Response rec'd 1/28/11. Ext Rev began 12/05/2011, extension requested until 3/1/2012. Comments received and reviewed. PN published on 3/22/12. Granted 4/27/2012, final payment received on 6/28/2012. ***Signed/Eff 07/03/2012, Exp 7/02/2017.***
AZ G&F Tonto Creek Fish Hatchery	21211	Min	5/13/2010	11/18/2009	11/6/2009	51083	JM	Variance request package sent to EPA 2/2/2012. EPA will not approve variance. Permit has been drafted with compliance schedule for nutrient reduction; draft permit is in mgmt review.
Arizona City Sanitary District WWTP	24244	Maj	11/1/2012	5/1/2012	4/30/2012	56014	SM	Permit drafted and in mgmt review
Asarco January Adit	25054	Min	12/30/2008	6/30/2008	7/1/2008	47969	MG	Substantive Def Ltr sent 11/24/08. Currently in discussions re inclusion in custodial trust agreement. Cannot be processed.
Balterra WWTF	25585	Min	12/12/2012	6/12/2012	6/12/2012	56255	SM	Application in review. Admin def ltr sent. Response rec'd 9/17/2012. In Ext Rev 12/26/2012 to 1/25/2013.
Bensch Ranch WWTP	24813	Min	10/18/2012	4/18/2012	4/20/2012	56013	RC	Admin def ltr sent 5/29/2012. Incomplete resp. to admin def sent 6/21/2012. Response rec'd 7/24/2012. Permit drafted and in mgmt review.

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Big Park Domestic WWID	24082	Min	12/1/2010	06/01/10	5/26/2010	52778	~~SM~~ JM	Adm Def ltr sent 7/6/10. Substantive deficiency letter sent 11/4/10, extension requested and granted; Facility has nutrient problems, renewal of the variance will not be requested, permittee is investigating possible solution such as constructed wetlands. Permittee is working on variance package. Last drafts of preliminary docs by previous PM in mgmt review. Draft variance request letter in management review.
Buckeye, Town of - Palo Verde Road WWTP	25500	Min	10/24/2012	04/24/12	3/9/2012	55702	RC	Admin def ltr sent 3/29/2012. Responded 4/20/2012. Ext Rev began 11/29/2012.
Buckeye, Town of - Sun Valley WWTP	25691	Maj	9/10/2012	03/10/12	3/9/2012	55701	RC	Admin def ltr sent 3/29/2012. Responded 4/20/2012. Permit drafted and in mgmt review.
Buckeye, Town of - Sundance WWTP	24881	Maj	5/30/2013	11/30/12	12/11/2012	57328	RC	Adm def ltr sent 12/20/12. Application not completed.
Buckeye, Town of - Trillium WWTP	25518	Maj	3/19/2012	09/19/11	10/6/2011	54935	RC	Adm rev ltr sent 10/20/11 - response received 12/13/2011. PN began 11/29/0212, ends 12/31/2012.
Central & Camelback WQARF Site	24848	Min	2/20/2013	08/20/12	7/10/2012	56334	RA	Permit drafted. PN in process.
El Mirage WWTP	23272	Maj	3/7/2012	9/7/2011	10/3/2011	54937	CC	Permit drafted. Ext Rev ended 8/27/2012. PN began 9/27/2012, ends 10/29/2012. Granted 11/05/2012. ***Signed/Eff 12/14/2012, Exp 12/13/2012.***
Entrada del Oro WWTP	24899	Min	8/15/2012	2/15/2012	2/16/2012	55624	SM	PN began 11/26/12, ends 12/27/12. **Granted 12/28/2012, awaiting payment.**
Estates at Pine Canyon	24902	Min	1/23/2013	7/23/2012	7/17/2012	56492	JM	Adm def ltr sent 8/16/2012. Response rec'd.
Freeport-McMoRan Bagdad Mine	22268	Maj	1/1/2013	7/1/2012	8/3/2012	56623	CC	Application in review
Hassayampa Ranch Water Reclamation Facility	25453	Min	6/20/2013	12/20/2012	12/19/2012		RA	
Holbrook, City of - Painted Mesa WRF	25542	Maj	1/16/2012	7/16/2011	8/22/2011	54718	JM	Admin def ltf sent 10/21/11. Permit drafted. Ext Rev ended 8/27/12. PN began 10/5/2012, ends 11/5/2012. Granted 11/13/2012. ***Signed/Eff 12/24/2012, Exp 12/23/2012.***

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Houston Creek Landing	25305	Min	6/2/2013	12/2/2012	12/3/2012	57314	RC	Variance for nitrogen and phosporus in existing permit. Variance renewal was not requested. Admin def ltr will be sent re variance renewal and proposal to achieve compliance w standards.
Jerome WWTP	21804	Min	10/23/2012	4/23/2012	4/18/2012	56012	RC	Variance for nitrogen and phosporus in existing permit. Variance renewal was not requested. Admin def letter sent 7/20/2012 re: variance renewal and proposal to achieve compliance w/the standards. Response rec'd 10/5/2012. Variance renewal request package in mgmt review.
JRC Goodyear	25747	Min	3/14/2013	9/14/2012	9/14/2012	56901	JM	Application in review
Lakeside Park Lake	24201	Min	7/23/2012	1/23/2012	2/7/2012	55571	SM	Permit drafted. Ext Review ended 9/14/12. LTF ext granted to provide data for TMDL review. Data received on 12/3/12.
Luke AFB	110221	Maj	1/16/2012	7/16/2011	7/15/2011	54540	RC	Permit drafted. PN ends 8/20/2012. **Granted 8/24/2012, awaiting payment.**
Motorola Solutions PVWC/NIBW (Miller Road TP)	24139	Min	2/1/2012	8/1/2011	7/27/2011	54612	RA	Ext rev drafts sent 2/16/12. Permittee requested mixing zone and signed LTF ext reqt 2/27/12. PN ends on 8/20/2012. Granted 8/21/2012. ***Signed/Eff 11/1/2012, Exp 10/31/2017.***
Nogales International WWTP	25607	Maj	12/24/2012	6/24/2012	5/23/2012	56184	CC	Sub def ltr sent 11/2/12, response rec'd 12/11/2012.
One Camelback	23868	Min	12/21/2012	6/21/2012	6/21/2012	56254	RA SM	Permit drafted and in mgmt review.
Oracle Sanitary District	20681	Min	9/11/2012	3/11/2012	5/11/2012	56109	JM	Admin Def ltr sent 6/27/2012. Resp rec'd 8/10/2012. Permit drafted and in mgmt review.
Peoria, City of - Jomax WRF	24945	Maj	1/31/2012	7/30/2011	5/24/2011	54313	JM	Adm defic ltr sent 6/20/2011. Response received. Permit drafted and in mgmt review. In Ext Rev 4/18/2012. PN began 6/28/2012. Granted 8/8/2012, awaiting payment. ***Signed/Eff 9/21/2012, Exp 9/20/2017.***
Phoenix, City of - Deer Valley WTP	23434	Maj	4/17/2013	10/17/2012	10/18/2012	57121	SM	Drafting permit.
Phoenix, City of - Val Vista WTP	23442	Maj	3/18/2013	9/18/2012	9/18/2012	56900	JM	Application in review
Phoenix, City of - 24th Street WTP	23426	Maj	5/19/2013	11/19/2012	11/9/2012	57228	SM	Drafting permit.
Pilot Travel Center	25658	Min	8/1/2012	2/1/2012	2/2/2012	55570	RC	Sub def ltr sent 4/10/2010. Permittee intended to submit a proposal to re-route the storm drain catch

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								basin within 90 days of 4/10/2012, extended to 12/1/2012. "No change" decision on 12/6/2012, will proceed with permit as is. Permit drafted and in mgmt review.
Pima County - Ina Rd WWTP	20001	Maj	1/2/2011	7/2/2010	6/29/2010	52804	~~JB~~ ~~SF~~ CC	Drafted permit and in Ext Rev. PN published 5/04/2012. Granted 6/13/2012, awaiting payment. ***Signed/Eff 8/20/2012, Exp 8/19/2017.***
Pima County - KERP	25291	Maj	2/23/2011	8/23/2010	8/19/2010	53127	~~ED~~ CC	Drafting permit.Ext Rev ends 5/9/2012. Granted 6/20/2012, awaiting payment. ***Signed/Eff 9/21/2012, Exp 9/20/2017.***
Pima County - Roger Road WWTP	20923	Maj	3/2/2011	9/2/2010	8/19/2010	53102	~~JB~~ ~~SF~~ CC	Permit drafted and in Ext Rev. PN published 4/27/2012. Granted 6/4/2012. ***Signed/Eff 8/08/2012, Exp 8/07/0217.***
Pinetop - Lakeside Sanitary District	25437	Min (bio)	1/22/2012	7/22/2011	9/12/2011	54856	CC	Permit drafted and in mgmt review. PN published 6/22/2012. Granted 7/24/2012. ***Signed/Eff 9/05/2012, Exp 9/04/2017.***
Quartzite, Town of WWTP	23752	Min	10/10/2011	4/10/2011	3/10/2011	53999	CC	Permit drafted and in mgmt review. Ext Rev ends 5/10/2012. PN ended 6/22/2012. Granted 6/29/2012. ***Signed/Eff 7/24/2012, Exp 7/23/2017.***
Rio Salado Habitat Restoration (City of Phoenix)	24554	Min	12/26/2012	6/26/2012	6/22/2012	56276	~~RA~~ RC	Permit drafted and in mgmt review.
Saddlebrook WWTP	22853	Maj	10/9/2012	4/9/2012	4/9/2012	55893	JM	30-day Ext Rev period began 12/5/2012.
Saddlebrooke Ranch WRP (Mountain Pass Utilities)	24775	Min	1/10/2013	7/14/2012	6/14/2012	56256	JM	Permit drafted and in mgmt review
Safford, City of	24911	Maj	5/5/2013	11/5/2012	11/5/2012	57229	CC	
Show Low, City of	23841	Maj	9/25/2009	3/25/2009	3/24/2009	49774	JM	Adm Def 4/28/09. Variance requested. Rec'd support for variance proposal from USFWS on 11/2/2010. Variance request package sent to EPA 4/13/2011. Draft response to EPA comments on selenium 9/26/2011. Ext Rev began 12/28/2011. Comments received, sent revisions to EPA. PN began 6/8/2012. Granted 8/20/2012, awaiting payment. ***Signed/Eff 9/21/2012, Exp 9/20/2017.***
SRP Kyrene K-7 and Kyrene GS (will be combined)	24791 (& 23540)	Maj	9/28/2012/ 5/23/2013	3/38/2012/ 11/23/2012	3/30/2012	55894/ 55895	RA	Permit drafted and in mgmt review.
SRP - San Tan G.S.	23558	Maj	12/14/2012	6/14/2012	6/8/2012	56251	~~RA~~ SM	Permit drafted and in mgmt review.

Superior, Town of, WWTP	21199	Min	11/5/2012	5/5/2012	5/2/2012	56016	JM	Permit drafted and in mgmt review.
US NPS GCNP - North Rim WWTP	110426	Min	1/23/2011	7/23/2010	7/16/2010	52982	~~SF~~ RC	Sub def letter sent 4/4/2011. Variance requested. Drafting variance request package for EPA. Waiting for permittee to submit full report to support a site specific standard for copper.
US NPS GCNP - South Rim WWTP	22152	Min	2/24/2011	8/24/2010	8/24/2010	53126	RC	Sub def ltr sent 3/24/2011. Renewal of copper variance requested, drafting variance request package for EPA. Waiting for permittee to submit full report to support a site specific standard for copper.
Valle AirPark WRF	24015	Min	5/10/2012	11/10/2011	11/30/2011	55279	JM	Permit drafted. External rev ended 7/19/2012. PN ends 10/3/2012. Granted 10/4/2012. ***Signed/Eff 10/31/2012, Exp 10/30/2017.***
Williams, City of WWTP	25575	Min	6/2/2013	12/2/2012	11/30/2012	57329	JM	In admin review
City of Yuma - Figueroa Avenue WPCF	20443	Maj	6/4/2012	12/4/2011	9/13/2011	54854	RC	Requested & granted two 30 day LTF extentions to further review preliminary docs. PN began 12/6/2012, ends 1/7/2013. Comments received 12/21/2012 - working on responses.
City of Yuma - Water Treatment Plant	25411	Min	7/5/2012	1/5/2012	1/5/2012	55442	JM	Ext Rev began 6/28/2012. PN ends 10/3/2012. Granted 10/30/2012. ***Signed/Eff 12/21/2012, Exp 12/20/2012.***
Arizona Dept of Transportation (ADOT)	AZS0000 18-2008	MS4	9/18/2013	3/18/2013				

Backlogged Permits								
The following nine (9) permits from the renewal permits table above are more than 6 months past their expiration date								
Alpine	25089	Min	4/12/2009	10/12/2008	10/31/2008	48887	~~SF~~ ~~MG~~ ~~JM~~	Adm Def letter sent 11/19/08. Sub Def ltr sent 9/18/09. Letter will be sent providing options - permit may be withdrawn if discharges can be prevented by facility upgrades.
AZ G&F Tonto Creek Fish Hatchery	21211	Min	5/13/2010	11/18/2009	11/6/2009	51083	JM	Variance request package sent to EPA 2/2/2012. EPA will not approve variance. Permit has been drafted with compliance schedule for nutrient reduction; draft permit is in mgmt review.

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Asarco January Adit	25054	Min	12/30/2008	6/30/2008	7/1/2008	47969	MG	Substantive Def Ltr sent 11/24/08. Currently in discussions re inclusion in custodial trust agreement. Cannot be processed.
Big Park Domestic WWID	24082	Min	12/1/2010	06/01/10	5/26/2010	52778	~~SM~~ JM	Adm Def ltr sent 7/6/10. Substantive deficiency letter sent 11/4/10, extension requested and granted; Facility has nutrient problems, renewal of the variance will not be requested, permittee is investigating possible solution such as constructed wetlands. Permittee is working on variance package. Last drafts of preliminary docs by previous PM in mgmt review. Draft variance request letter in management review.
Buckeye, Town of - Trillium WWTP	25518	Maj	3/19/2012	09/19/11	10/6/2011	54935	RC	Adm rev ltr sent 10/20/11 - response received 12/13/2011. PN began 11/29/0212, ends 12/31/2012.
Luke AFB	110221	Maj	1/16/2012	7/16/2011	7/15/2011	54540	RC	Permit drafted. PN ends 8/20/2012. **Granted 8/24/2012, awaiting payment.**
US NPS GCNP - North Rim WWTP	110426	Min	1/23/2011	7/23/2010	7/16/2010	52982	~~SF~~ RC	Sub def letter sent 4/4/2011. Variance requested. Drafting variance request package for EPA. Waiting for permittee to submit full report to support a site specific standard for copper.
US NPS GCNP - South Rim WWTP	22152	Min	2/24/2011	8/24/2010	8/24/2010	53126	RC	Sub def ltr sent 3/24/2011. Renewal of copper variance requested, drafting variance request package for EPA. Waiting for permittee to submit full report to support a site specific standard for copper.
City of Yuma - Figueroa Avenue WPCF	20443	Maj	6/4/2012	12/4/2011	9/13/2011	54854	RC	Requested & granted two 30 day LTF extentions to further review preliminary docs. PN began 12/6/2012, ends 1/7/2013. Comments received 12/21/2012 - working on responses.

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NEW AZPDES PERMIT APPLICATIONS								
Applicant	**AZPDES # AZ00--**	**Type**	**Date Received**			**LTF DATE**	**Proj Mgr**	***Permit Status***
City of Bisbee - San Jose WWTP	~~25275~~ 26077	Maj	7/13/2011	1/13/2011	9/13/2011	54855	JM	Existing permit expired 12/21/2009 - application not in on time. Permit drafted. Ext Rev ends 8/27/12. PN began 9/27/2012, ends 10/29/2012. Granted 11/07/2012. ***Signed/Eff 12/14/2012, Exp 12/13/2012.***
Eden Organics/Antco	25496	Min	NA	NA	~~12/12/2005~~ 2/16/2012	~~38620~~ 55663	CC	New application submitted per ADEQ request. Property sold, applicant requested to withdraw the application 8/06/2012.
Organic Recovery Garden/Antco	26085	Min	NA	NA	8/18/2011	54719	CC	Admin defic ltr sent 9/21/11, Rec'd response. Permit drafted and in mgmt review. PN begins 6/18/2012. Granted 7/23/2012, awaiting payment. ***Signed/Eff 8/21/2012, Exp 8/22/0217.***
JBS Five Rivers Cattle Feeding LLC	26115	Min	NA	NA	3/5/2012	56175	CC	Permit drafted. Pre-ext rev draft e-mailed 10/24/2012, 2nd draft e-mailed 11/20/12. In Ext Rev 12/11/12 to 12/26/12. PN in process.
NIBW GAC Treatment Facility (Motorola)	26123	Min	NA	NA	5/31/2012	56278	RA	In Ext Rev 11/15 - 12/17/12. PN in process.
Pima County - Roger Road WRF (new plant)	26107	Maj	NA	NA	4/20/2012	56044	CC	In Ext Rev 12/18/12 to 1/17/2013
Shannon Rd El Camino Del Cerro WQARF Site (PCDEQ)	26093	Min	NA	NA	3/9/3012	55759	RA	Ext Rev ended 6/27/2012. PN ends 8/24/2012. Granted 9/13/2012, awaiting payment. ***Signed/Eff 11/27/2012, Exp 11/26/2017.***
Softwind Mobile Home Park	~~22128~~ 26051	Min	4/23/11	10/23/2010	3/31/2011	54255	~~SF~~ JM	Existing permit expired - application not in on time. Sub def ;ltr 6/29/2011, Incomplete submittal as of 10/6/2011. Def response rec'd 1/5/12. Permit drafted and in mgmt review. PN began 6/29/2012. Granted 8/14/2012, awaiting payment. ***Signed/Eff 9/21/2012, Exp 9/20/2017.***
Tempe Town Lake ** carryover	24490		NA	NA	7/14/1999	N/A	~~JB~~ MG	Letter will be sent to Tempe requesting new application.
Yakima	25526	Min	NA	NA	1/31/2005	35376	JB MG CC	Comp. Request for Add. Info. 1/23/06. In litigation with County, won damages

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								but lost access to property. Phone and address changed, unable to contact. Found new contact info, sent letter 10/30/2012, application withdrawn 12/13/2012.
AZPDES PERMIT MODIFICATIONS								
Applicant	**AZPDES # AZ00--**	**Type**	**Date Received**			**LTF DATE**	**Proj Mgr**	***Permit Status***
Buckeye, Town of	25313	Maj Mod	NA	NA	7/20/2011	54573	ED	Drafting modification. PN published 5/3/2012. Granted 6/5/2012, awaiting payment. ***Signed 8/20/2012.***
Cottonwood, Town of	24716	Maj Mod	NA	NA	7/16/2012	56394	JM	Ext Rev ends 11/21/2012. PN in process.
City of Mesa - Greenfield WRP	25241	Maj Mod	NA	NA	1/20/2012	55471	JM	Ext Rev ended, PN ends 8/27/2012. Granted 9/13/2012, refund due, routed for signature. ***Signed/Eff 9/21/2012, Exp 9/20/2017.***
City of Mesa - Southeast WRP	25151	Maj Mod	NA	NA	1/20/2012	55470	JM	Ext Rev ended, PN ends 8/27/2012. Granted 9/13/2012, refund due, routed for signature. ***Signed/Eff 9/21/2012, Exp 9/20/2017.***
Frito-Lay Inc.	25798	Maj Mod	NA	NA	8/22/2011	54857	SM	Drafting modification. Ext Rev began 12/20/2011. PN began 4/27/2012. Granted 6/19/2012, awaiting payment. ***Signed 8/20/2012***
Palm Valley WRF (Litchfield Park)	25712	Maj Mod	NA	NA	3/29/2012	55892	CC	Ext Rev ended 9/12/2012, PN began 10/25/2012. Granted 11/28/2012. ***Signed/Eff 12/20/2012.***
US Bureau of Reclamation - Hoover Dam WWTP	25160	Maj Mod	NA	NA	7/21/2010	52967	RA	Ext Rev ended 6/24/11. Public notice in process. Granted 12/09/2011, awaiting payment. ***Signed/Eff 7/03/2012***

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.2	**TASK: 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. **DELIVERABLES:**		
PPG	1) Provide table of certifications processed. **Refer to 401 Certification Actions Table following Task 1.3.2.** Table will contain: type of permit, project name/project number, action and date of action: a) Regional CWA 404 general permits b) Individual CWA 404 permits c) Nationwide CWA 404 permits d) Other federal permit or licenses applications.	T = Quarterly **See Table 1.3.2**	Surface Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR:

2ND QTR: 1 Individual Certification of individual 404 permits. 1 Individual Certifications of NWP. 2 Modifications of existing certifications. 3 Waivers of Individual Certifications of NWP. 1 denial of 401 Certification letter.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW) PPG [Match]	5.00	19,578
PPG	3.00	11,747
TOTAL	8.00	31,325

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FY 13 MID-YEAR OUTPUT REPORT

401 CERTIFICATION ACTIONS				
ADEQ LTF No.	CoE Number	Issued	Project	Type
56348	2010-00384	7/12/12	Raytheon Facility Storm Drain Channel	NWP 43 - waiver of individual 401
43182	2006-01805-AP	7/16/12	RHVT/Silverstone	individual - modification - extension
56379	2011-0742-JWL	7/18/12	Atturbury Wash - Tucson Audubon	NWP 27 - waiver of individual 401
59406	2011-01020-WHM	7/19/12	Gateway Park Bank Stabilization	NWP 13 - waiver of individual 401
28432	2001-00192-SDM	8/1/12	Circle G in the Santans	individual - modification - extension, new conditions
56437	2009-00525-DB	8/1/12	Lees Ferry/Paria River	individual
56574	2012-156-AP	8/14/12	Johnson Cattle Ranch Stream restoration	NWP 27 - waiver of individual 401
26480	1999-15133-SDM	8/15/12	Vistancia South (Lakeland Village)	individual - modification - extension
56690	na	8/23/12	AMNH SWRS Wetland Pond Restore	NWP 27 - waiver of individual 401
30785	na - CoE Project - partnered w/city	9/4/12	Rio de Flag Flood Control Project	individual - modification - new conditions
56796	2004-01648-AP	9/5/12	Bellisima Ranch	NWP 29 - waiver of individual 401
56853	na	9/17/12	Salt River Take-out Ramp - Tonto NF	NWP 36 - waiver of individual 401
56897	2011-1202-RJD	9/25/12	Cragin Water Pipeline	NWP 12 - waiver of individual 401
56906	2012-396-RJD	9/26/12	Benson Airport Road	NWP 14 - waiver of individual 401
56928	2005-00687-SDM	10/1/12	Walker Wash Ph 3 - Anthem @ Merrill Ranch - Pulte	denial letter. awaiting consultant to get it together
57011	na	10/16/12	DSRVE at Lake Havasu, Caribou Industries	NWP 39. waiver of individual 401
56941	2012-00263-WHM	10/25/12	Laguna Dam Fire Restoration, BLM	NWP 27. waiver of individual 401
56942	na	11/1/12	Manila Wash Bridge - I-40 - ADOT	NWP 14. individual 401 w/in 400 meters of impaired - LCR
57234	na	11/28/12	San Bernardino Nat'l Wildlife Refuge Fish Barrier - Black Draw	NWP 27. waiver of individual 401
56809	2010-00066-MWL	12/4/12	Garfield Expansion & Tailings Dam - Freeport Morenci	individual.
48566	944-0899-MB	12/18/12	Carlota Mine	individual modification. extension & new conditions
42094	2006-00133-DE	12/20/12	Scorpion Bay Marina	individual modification - extension.

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GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**

Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.3	**TASK: Regional Water Quality Management Planning** Carry out state and federal requirements of regional Water Quality Management Planning Program (CWA 208 Program). Track implementation of new WQM Plans (e.g., Yuma, SEAGO). Provide technical assistance to regional planning agencies and regulated community. **DELIVERABLES:**		
604(b) XIII	1) Review WQM Plan Amendments/**Updates**. a) Report status of amendments received.	T = Quarterly **Comments**	Surface Water
604(b) XIII	2) Make 208 conformance determinations.	T = Number processed **A = 16**	Surface Water
604(b) XIII	3) Finalize new CAAG 208 Plan	T = 11/12 **Comments**	Surface Water

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #1: The CAG Town of Marana 208 amendment is in house and will be routed for the ADEQ certification process shortly. After certification, the amendment will be submitted to Region IX EPA for approval. The SEAGO 208 Plan Update is at Region IX EPA for approval. The City of Prescott Airport Water Reclamation Facility Expansion Phase I 208 amendment is being reviewed by ADEQ staff. Deliverable #3: The CAG 208 Plan Update is scheduled to be in final draft form by December 31st. Staff has continued to assist CAG with the development of the document in work sessions or through consultation with CAG staff. The amendment will be brought to CAG Regional Council for approval in January 2013.

2ND QTR: Deliverable #1: Due to the ongoing legal issues between the Town of Marana and Pima County over operation of a wastewater treatment system, ADEQ is working with the Attorney General's Office on processing the CAAG 208 amendment. The SEAGO 208 Plan Update has been approved by Region IX EPA. Staff has reviewed the draft Bullhead City 208 Plan Update and the draft MAG Liberty Utilities 208 amendments. Both amendments have completed the local approval 208 process and will be presented for recommendation of approval by the State Water Quality Working Group. Deliverable #3: A recent staff change has temporarily affected the completion of the CAG 208 Plan Update. ADEQ is working with CAAG to complete the plan quickly. Staff has assisted CAG with the development of the document in work sessions or through consultation with CAG staff.

Note: 40% of the total 604(b) funding is passed through in contracts to designated planning agencies.

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Program #4500: Surface Water Regulation **Objective 2.2**: Protect & Restore Watersheds & Aquatic Ecosystems.			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.3	**TASK: Regional Water Quality Management Planning (Cont'd)** **DELIVERABLES:**		

FTE FUNDING SOURCE	MONTHS	AMOUNT
604(b) XIII *	12.00	42,975
TOTAL	12.00	42,975

* Total amount includes remaining grant funds and new grant funds

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GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**
Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.4	**TASK: Surface Water Program Development** Perform support activities for surface water program including development of program procedures and policies. **DELIVERABLES:**		
PPG	1) Finalize implementation procedures for anti-degradation, biocriteria, bottom deposits and fish consumption. a) antidegradation i) Initiate public process ii) Finalize implementation procedures b) biocriteria i) Initiate public process ii) Finalize implementation procedures c) bottom deposits i) Initiate public process ii) Finalize implementation procedures d) Fish consumption i) Initiate public process ii) Finalize implementation procedures	T = ai) **2/13** aii) **12/13** bi) 9/12 **A = 9/12** bii) 3/13 ci) 9/12 **A = 9/12** cii) 3/13 di) **12/13** dii) **6/14**	Surface Water
PPG	2) Initiate triennial review. a) Submit request for rulemaking exception* b) Begin stakeholder outreach c) Complete triennial review	T = **Comment** a) **11/12** **A = 12/12** b) **2/13** c) **1/14**	Surface Water
PPG	3) Revisit Lakes Narrative Nutrient Standards a) Complete literature and data review, update data analysis, and refine matrix relationships b) Determine if current matrix approach requires modification.	T = a) 11/12 **Comment** b) 12/12	Surface Water

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 1a) off target; public process is expected to begin in 2/13. Deliverable 1d is expected to begin in 12/13. Deliverable 2: Request for rulemaking exception has been drafted and is expected to be sent to Governor during quarter 2. Seeking new Expedited" rulemaking which allows for a shorter process for certain types of rulemaking. Deliverable 3: Off target; ISA with UA WET Center finalized in 8/2012. Contractor is being scheduled with all tasks. Will re-negotiate scope of work in 2ND Qtr.
2ND QTR: (Next Page)

*Contingent upon Governor's approval.

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**
Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.4	**TASK: Surface Water Program Development (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

2ND QTR: Deliverable 2: Off target; rulemaking exception request is with Governor's office, but approval has not yet been obtained. Deliverable 3: Off target; ISA has been amended and extended until 6/30/13.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW) NPS PA I [Match] PPG	1.00 11.00	5,620 46,510
TOTAL	12.00	52,130

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.5	**TASK: Ambient Monitoring Program** Conduct ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, and 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. **DELIVERABLES:**		
PPG	1) Ambient stream monitoring a) Conduct ambient stream and lake monitoring per FY 13 sampling and analysis plan throughout Arizona. b) Prepare FY 14 sampling and analysis plan for rivers and streams.	T = a) Quarterly **A = 2** b) 5/13	Surface Water
106 Mon-2 106 Mon-3	2) Fish tissue and sediment sampling program a) Conduct fish tissue and sediment sampling on Arizona lakes and reservoirs for presence of mercury to support fish consumption advisory programs per FY13 sampling plan. b) Prepare FY 14 sampling plan for fish tissue monitoring.	T = a) Quarterly **A = 2** b) 2/13	Surface Water
	3) Complete groundwater basins reports for: a) Butler Valley b) Aravaipa Canyon c) Upper Hassayampa	T = a) 1/13 b) 6/13 c) 6/13	Surface Water

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**
Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.5	**TASK: Ambient Monitoring Program (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #3; is off target due to staffing shortages in IT. ADEQ has established a node and has translated all of our data into the WQX schema. (This deliverable has been moved to Task 1.5.3., deliverable #5.)
2ND QTR: Deliverable #1: On target with ambient stream and lake monitoring. Deliverable #2: On target with fish tissue and sediment sampling.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW)	1.00	3,379
WIFA Fees (CW) NPS PA I [Match]	23.00	95,579
WQARF	2.00	6,758
WQARF NPS PA I [Match]	14.00	48,594
PPG	21.40	75,582
106 Monitoring-3	10.00	35,378
106 Monitoring-2	7.00	26,912
TOTAL	78.40	292,182

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**
Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.6	**TASK: 106 Monitoring** Monitoring Initiative (MI) program for implementation of AZ approved comprehensive monitoring strategy. **DELIVERABLES:**		
106 Mon-3	1) Physical integrity a) Evaluate the effectiveness of using relative bed stability as a physical integrity tool by stream type. i) Select contractor and finalize contract ii) Submit draft report to EPA. iii) Submit final report to EPA	T = i) 6/12 **A = 12/12** ii) 6/13 **Comment** iii) 6/14	Surface Water
106 Mon-3	2) Intermittent streams a) Conduct intermittent stream monitoring according to the sampling and analysis plan. b) Complete the final report summarizing the results of the intermittent stream sampling and evaluating the effectiveness of using the perennial IBI on intermittent streams to develop intermittent stream biocriteria for water quality standards. Send final report to EPA.	T = a) 6/13 b) 11/13	Surface Water
106 Mon-3	3) Conduct nutrient monitoring for Rivers and Streams per FY13 sampling and analysis plan.	T = Quarterly **A = 2**	Surface Water
106 Mon-2	4) Effluent dependent waters a) Conduct monitoring according to SAP for effluent dependent waters.	T = a) 6/13	Surface Water
	5) Participate in the 2013 and 2014 National River and Stream Survey. a) Conduct field work for all wadeable sites.	T = a) 10/14	Surface Water

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 1(a)(i); is off target due to delays in the procurement process. Initial request in May 2012. RFP closed end of October 2012 and a contractor was selected early November 2012.
2ND QTR: Deliverable 1aii: The draft report is off target due to late procurement of contractor. Expect completion of draft report in May 2014.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW)	5.00	22,000
106 Monitoring-3	11.00	40,129
106 Monitoring-2	2.00	7,274
TOTAL	18.00	69,403

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GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**
Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.7	**TASK: Water Quality Assessment** Develop Integrated Report and list of impaired waters. **DELIVERABLES:**		
NPS XIII PPG	**1) Submit final 2010 305(b) Integrated Report and 303(d) List submittal to EPA. (NPS Strategy 3.A.1)**	T = **10/12** **Comment**	Surface Water
	2) Final 2012 305(b) Integrated Report and 303(d) List submittal to EPA. (NPS Strategy 3.A.1)	T = **2/13**	Surface Water
	3) Complete external data collection and integration for 2014 Assessment. (NPS Strategy 3.A.2)	T = 6/13	Surface Water
	4) Identify list of waters that were either delisted in 2012 305(b) Assessment or showing water quality improvements as candidates for SP-12 or W-10 success stories. Improvements in both nonpoint and point sources will be evaluated. (NPS Strategy 3.A.1 and NPS Strategy 4.A.1)	T = 2/13	Surface Water
	5) Develop SP-12 success stories, in addition to Alum Gulch and Turkey Creek, from candidate list. (NPS Strategy 4.B.1)	T = 6/13	

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 1 is off target due to an appeal of a listing on Part 4A of the 305(b) report. The 303(d) list will be submitted in October.
2ND QTR: Deliverable 1: The 2010 303(d) list was submitted to EPA for approval on 10/17/2012. As requested, data supporting 303(d) decisions were submitted to EPA project manager on 12/11/2012. Additional rationale for 4B listings will be submitted in January 2013. The 305(b) Report will be submitted when the Pinto Creek 4A listing appeal has been resolved. Second settlement conference scheduled for early February. Deliverable 2 will be off target as the appeal of the 2010 list and report has delayed the release of the 2012 Integrated Report for public comment. Deliverable 3: A request for external data will go out in January 2013. Deliverables 4 and 5: Success stories have been drafted for Turkey Creek, Alum Gulch, and Pinto Creek. Reports will be shared with EPA in Q3.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW) NPS PA I [Match]	7.00	30,087
PPG	14.00	56,359
NPS XIII	3.00	10,137
TOTAL	24.00	96,583

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.8	**TASK: TMDL Development and Implementation** **Develop TMDL studies and implementation plans to improve surface water quality. Conduct effectiveness monitoring to determine improvements in water quality after BMPs have been implemented.** **DELIVERABLES:**		
NPS PA I NPS XIII	1) TMDL Reports a) Submit **4** TMDL reports to EPA for final approval by June 2013. b) Complete 1st (30 day) public notice for **3** additional TMDLs by June 2013. (NPS Strategy 3.B.3)	T = Semi-Annual Status Table Updates **Comment**	Surface Water
PPG NPS PA I	2) Continue data collection and analysis for TMDL development. Target is **32** TMDLs on **24** waterbody segments; see Continued TMDL Development Status Table. (NPS Strategy 3.B.3)	T = Semi-Annual Status Table Updates **Comment**	Surface Water
NPS PA I	3) Develop TMDL implementation plans. Target is to complete 5 implementation plans; see Develop Implementation Plans Status Table.(NPS Strategy 3.B.3)	T = Semi-Annual Status Table Updates **Comment**	Surface Water
PPG	4) Conduct effectiveness monitoring. Target is to monitor the remedial activities on three Measure W waterbodies **plus three other waterbodies**; see Effectiveness Monitoring Status Table. (NPS Strategy 4.A.1)	T = Semi-Annual Status Table Updates **Comment**	Surface Water
	5) Provide quarterly updates to TMDL project tables with description of work completed and updates to specific milestones for projects to be completed by June **30**, 2013.	T = Quarterly Updates to TMDL Project Tables **Comment**	

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GOAL #2: Protecting America's Waters **Program #4500: Surface Water Regulation**
Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.3.8	**TASK: TMDL Development and Implementation (Cont'd)** **DELIVERABLES:**		
	6) TMDL staff will participate in monthly conference calls to discuss TMDL development, implementation and effectiveness monitoring results. TMDL staff will join EPA Management, ADEQ Management and Planning Staff on a separate quarterly call to discuss budget related issues (see Task 1.5.2, Deliverable 3c).	T = Monthly TMDL Conference Calls **Comment**	Surface Water
PPG	7) EPA funded Santa Cruz TMDL Project a) Evaluate feasibility and approach to development of the Santa Cruz TMDL b) Support development, review and approval of products for the Santa Cruz TMDL	T = **Comment** a) 9/12 **A = 9/12** b) 6/13	Surface Water

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR – Surface Water Section:
SRO ACTIVITIES: Deliverable #7a – On September 26, staff delivered a presentation to EPA summarizing historical surface water quality monitoring by Friends of the Santa Cruz River (FOSCR), permit-related monitoring by the U.S. International Boundary and Water Commission, and outfall monitoring by the Nogales, Sonora Public Works Department associated to flows within the Nogales International Wastewater Treatment Plant. The presentation summarized point sources of pollution impacting the Nogales Wash and Santa Cruz River. The presentation provided context for a September 28 stakeholder meeting to discuss a watershed implementation plan; staff participated at this EPA-hosted meeting and coordinated U.S. Geological Survey staff for a presentation on the ecosystem services provided by the river. In August, staff conducted quality assurance review of FOSCR volunteer flow monitoring data for the Santa Cruz River dating back to 1987 in order to supplement a watershed database being compiled by EPA's consultant, TetraTech.
2ND QTR: Surface Water Section: Deliverable 1- ADEQ is on pace to submit 5 TMDLs (Gila River SSC (2), San Pedro *E. coli*, LCR SSC and *E. coli* to EPA for approval by June 30, 2013. Deliverable 2- Alamo Lake is currently in its 30-day public comment period, ending Jan 31st. Deliverable 3- Four TIPs are included in 5 TMDLs (Gila River (2), San Pedro and LCR) and the LMR (Lake Mary Regional) TIP is being reviewed. The information in the LMR TIP will be used to develop TIPS for Parker Canyon and Alamo Lake. Deliverable 4- No additional effectiveness monitoring samples were collected in Q2. Deliverable 5- Quarterly updates have been completed. Deliverable 6- Monthly conference calls were made. Deliverable 7- Discussions continued between ADEQ, EPA and Tetra Tech. Summary report is due in Q3.
SRO Activities: Deliverable 7b – On October 31, staff supported FOSCR with surface water sampling and delivery to a Tucson laboratory for their volunteer monitoring on the Santa Cruz River. On November 28, staff finalized a water quality and flow database reflecting data collected by IBWC, ADEQ and FOSCR in support of an Arizona-Mexico Commission action item focused on incorporating missing data into a Source Water Assessment Tool (SWAT) developed by the U.S. Geological Survey. In support of deliverable 7a, the database was shared with EPA for consideration of a proposed TMDL study for the Santa Cruz River.

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.8	**TASK: TMDL Development and Implementation (Cont'd)** **DELIVERABLES:**		

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW) NPS PA I [Match]	3.00	7,031
WQARF NPS PA I [Match]	4.00	13,516
PPG	25.00	109,612
NPS PA I	21.00	78,518
NPS XIII	20.00	82,387
TOTAL	73.00	291,064

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TMDL Projects Quarterly Status
1.3.8 TMDL Development – Project Completion by June 2013

Segment (impairment)	Milestone (target)	Actual/Comments
Gila River- New Mexico Border to Bitter Creek (SSC)	Submit draft TMDL to EPA (9/30/12)	Q1-Emailed EPA link to draft on 10/1/12
	45-day AAR Notice Begins (9/30/12)	Q1-Published in AAR 9/28/12 Q2- AAR notice ended 11/13/12; comments received from FMI regarding WLA language
	Submit final to EPA (1/30/13)	
Gila River- Bonita Creek to Yuma Wash (SSC)	Submit draft TMDL to EPA (9/30/12)	Q1-Emailed EPA link to draft on 10/1/12
	45-day AAR Notice Begins (9/30/12)	Q1-Published in AAR 9/28/12 Q2- AAR notice ended 11/13/12; comments received from FMI regarding WLA language
	Submit final to EPA (1/30/13)	
San Pedro River- Aravaipa Creek to Gila River (*E. coli*)	Submit draft TMDL to EPA (9/30/12)	Q1-Emailed EPA link to draft on 9/17/12
	Public Meeting and Comment Period Begins (9/30/12)	Q1-Public meeting held 9/13, public comment period began 9/14/12 Q2-Public comment period ended 10/15. Comments received from EPA and BHP. Responses are under WQD management review.
	45-day AAR Notice Begins (11/30/12)	
	Submit final to EPA (2/30/13)	
Watson Lake (Nitrogen, low D.O., high pH)	Complete draft TMDLs (2/1/13)	Q1-Modeling report finalized; public meeting scheduled for 10/25/12 Q2- Public meeting and City Council briefing held 10/25/12.
	Public Comment Period Begins (4/1/13)	
Granite Creek- headwaters to Willow Creek (Low D.O., *E. coli*)	Complete draft TMDLs (2/1/13)	See Watson Lake above
	Public Comment Period Begins (4/1/13)	

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Miller Creek (*E. coli*)	Same schedule as Granite Creek TMDL	See Watson lake above
Alamo Lake (Hg in Fish Tissue)	Submit draft TMDL to EPA (10/1/12)	Q1- TMDL approved by WQD Management for 30-day public comment; sent to communications for proof.
	Public Comment Period will begin 11/28/12	Q2- Public comment period began 11/28/12, will end 1/31/12; draft sent to EPA 10/18/12.
	45-day AAR Notice Begins (1/1/13)	
	Submit final to EPA (3/1/13)	
Lyman Lake (Hg in Fish Tissue)	Complete draft TMDL (5/1/13)	Q1- Opened new PO to finish modeling effort by 10/31/12. Draft report due 11/9. Contract ends 12/14. Q2- Final modeling report received 12/14/12.
Parker Canyon Lake (Hg in Fish Tissue)	Submit draft TMDL to EPA (10/30/12)	Q1- Draft is complete, but loading numbers must be confirmed by NAU modeling contractor Q2- Loading numbers confirmed and draft being revised prior to routing through WQD management approval for 30-day public comment period.
Little Colorado River-Silver Creek to Carr Wash (SSC)	Submit draft TMDL to EPA (10/30/12)	Q1- Draft TMDL approved by WQD management. Public meeting scheduled for 11/8/12. Public Comment period to start 11/9/12.
	Public Meeting and comment Period Begins (11/30/12)	Q2- 30-day public comment period began 11/9/12 and ended 12/7/12. Comments were received from EPA. Responses are under WQD management review.
	45-day AAR Notice Begins (1/30/13)	
	Submit final to EPA (4/30/13)	
Little Colorado River-Silver Creek to Carr Wash (*E. coli*)	Submit draft TMDL to EPA (10/30/12)	Q1- Draft TMDL approved by WQD management. Public meeting scheduled for 11/8/12. Public Comment period to start 11/9/12
	Public Meeting and comment Period Begins (11/30/12)	Q2- 30-day public comment period began 11/9/12 and ended 12/7/12. Comments were received from EPA. Responses are under WQD management review.
	45-day AAR Notice Begins (1/30/13)	
	Submit final to EPA (4/30/13)	

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1.3.8 TMDL Development- Continued TMDL Analysis and Development

Segment	Impairment	Comments
East Verde River- American Gulch to Verde River	As, B	Q1- Additional sampling event occurred in Q1 Q2- One additional sampling event took place; no exceedances were observed
East Verde River- Ellison Creek to American Gulch	Se	Q1- see East Verde above Q2- see East Verde above
Bear Canyon Lake	Low pH	Q1- No action on project as staff was participating in NLS Q2- No action
Rose Canyon Lake	Low pH	Q1- No action on project as staff was participating in NLS Q2- No action
Gila River- Centennial Wash to Gillespie Dam	Se, B	Q1- Additional fish were collected, processed and submitted for pesticides in July. Stormwater samples collected in August Q2- Fish tissue and water column results were mostly non-detect or below the action levels for pesticides. Awaiting tissue rerun results on toxaphene before finalizing summary report.
Gila River – Coyote Wash to Fortuna Wash	Se, B	Q1- Installed automatic sampler at USGS gage near Wellton, collected stormwater samples Q2- Low flow sampling event took place in November.
Alvord Lake	Ammonia	Q1- It is still a question whether City of Phoenix has a management plan Q2- No action
Cortez Lake	Low D.O., high pH	Q1- No Action Q2- No action
Chaparral Lake	Low D.O., *E. coli*	Q1- Data submitted by the City of Scottsdale; no exceedances noted in 2012 data Q2- No action, still awaiting sample location information from City of Scottsdale.
Queen Creek- headwaters to Superior WWTP	Cu, Pb	Q1- Draft model report received and reviewed in July. Contract renewed to update model based on ADEQ comments Q2- Contractor continued updating model and revising report. Final report will be submitted in January.
Queen Creek- Superior WWTP to	Cu	Q1- see Queen Creek above

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Potts Canyon		Q2- see Queen Creek above
Queen Creek- Potts Canyon to Whitlow Dam	Cu	Q1- see Queen Creek above Q2- see Queen Creek above
Arnett Creek- Headwaters to Queen Creek	Cu	Q1- see Queen Creek above Q2- see Queen Creek above
Unnamed Trib to Queen Creek (-991)	Cu	Q1- see Queen Creek above Q2- see Queen Creek above
Unnamed Trib to Queen Creek (-1843)	Cu	Q1- see Queen Creek above Q2- see Queen Creek above
Unnamed Trib to Queen Creek (-472)	Cu	Q1- see Queen Creek above Q2- see Queen Creek above

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Pinto Creek- headwaters to Ripper Spring*	Cu	Q1- USFS hired contractor to develop PASI for six mines on USFS lands. Friars contractor met with APP to discuss engineering design for continued remediation at Gibson Mine. Q2- Q2- Construction activities began at Gibson Mine and are nearly complete. Post construction effectiveness monitoring will begin in Q3.
Pinto Creek- Ripper Spring to Roosevelt Lake*	Cu	Q1- see Pinto Creek above Q2- see Pinto Creek above
Haunted Canyon- Headwaters to Pinto Creek*	Cu	Q1- see Pinto Creek above Q2- see Pinto Creek above
Five Point Mountain- Headwaters to Pinto Creek*	Cu	Q1- see Pinto Creek above Q2- see Pinto Creek above
Mule Gulch- headwaters to Above Lavender Pit*	Cu	Q1- No action Q2- No action, approach will be revisited in Q3
Mule Gulch- Above Lavender Pit to Bisbee WWTP*	Cu, pH	Q1- No action Q2- No action, approach will be revisited in Q3
Mule Gulch- WWTP to Highway Bridge*	Cd, Cu, pH, Zn	Q1- No action Q2- No action, approach will be revisited in Q3
Brewery Gulch- headwaters to Mule Gulch*	pH	Q1- No action Q2- No action, approach will be revisited in Q3
Upper Santa Cruz TMDL Project – Nogales Wash, Portrero Creek and the Santa Cruz River	E.coli, ammonia, chlorine, dissolved oxygen	Q1-Participated in watershed overview webinar on 9/19. Provided WQ and GIS data to EPA contractor. Meet with EPA and local stakeholders 9/28 Q2- Additional discussions took place with Tetra Tech and EPA. Summary report due in January 2013.

* continued site-specific standard development

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TMDL Projects Quarterly Status
1.3.8 TMDL Implementation – Effectiveness Monitoring

Segment	Impairment	Comments
Boulder Creek*	As, Cu, Zn	Q1-Discussions with EPA continued on funding the remediation of the Middle and Lower Tailings Pile. BLM continues its investigation of the Upper Tailings Pile. Q2- Met with ASLD and ADOA RM to discuss the project on 11/28/12. ADEQ is still waiting for firm commitment from sister agencies to proceed with project given cost recovery concerns.
Pinto Creek*	Cu	Q1-USFS hired contractor to develop PASI for mines on USFS lands. Friars contractor met with APP to discuss engineering design. Q2- Construction activities began at Gibson Mine and are nearly complete. Post construction effectiveness monitoring will begin in Q3.
Turkey Creek*	Cu, Pb	Q1-Post fire samples collected in July from 2 sites along Turkey Creek. Q2- No additional sampling occurred.
Tonto and Christopher Creeks	Nitrogen and *E. Coli*	Q1-Data analysis continued Q2- No action
Little Colorado River	Turbidity	Q1-No action Q2- No action

* Measure W watersheds

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1.3.8 TMDL Implementation – Develop Implementation Plans

Segment	Comments
San Pedro River (1 TIP)	Q1- Public Meeting held 9/13; there was not much support for implementing projects Q2- TIP included in TMDL, no comments were received regarding the TIP during public comment period which ended 10/15/12.
Alamo Lake (1 TIP)	Q1- No TIP activity Q2- No TIP activity
Lyman Lake (1 TIP)	Q1- No TIP activity Q2- No TIP activity
Parker Canyon Lake (1 TIP)	Q1- No TIP activity Q2- No TIP activity
Little Colorado River (2 TIPs- one for SSC and *E. coli* each)	Q1- TMDL public meeting will be held 11/8; potential implementation and funding will be discussed Q2- Public Meeting held 11/8/12. Public comment period began 11/9/12 and ended 12/7/12, no comments were received regarding implementation.
Alvord Lake (1 TIP)	Q1- On hold- City of Phoenix may have a lake management plan Q2- No TIP activity
Cortez Lake (1 TIP)	Q1- On hold Q2- No TIP activity
Chaparral Lake (1 TIP)	Q1- On hold- City of Scottsdale may have a lake management plan Q2- No TIP activity
Queen Creek (multiple reaches, 1 TIP)	Q1- No TIP activity Q2- No TIP activity
Pinto Creek (multiple reaches, 1 TIP)	Q1- No TIP activity Q2- No TIP activity
Lake Mary Regional (multiple lakes 1 TIP)	Q1- Draft received and reviewed, will be revised in Q2 Q2- TIP revised and expanded, under review
Gila River SSC (1 TIP)	Q1-TMDL submitted to AAR on 9/28 Q2- No comments regarding the TIP were submitted during the AAR

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management** Plan, manage and implement a Nonpoint Source Pollution Program, including the development of watershed management and watershed implementation plans. **DELIVERABLES:**		
NPS PA I	1) Provide technical support to community-based watershed groups and other entities to address NPS pollutant impacts and conduct education/outreach efforts to increase public awareness of NPS impacts to surface and groundwater resources. Technical support activities include but are not limited to: a) Participating in environmentally-themed education events put on by outside entities b) Giving presentations geared towards specific watersheds (topics may include grants, TMDLs, monitoring, assessments, etc.) with priority given to support the Santa Cruz TMDL c) Providing ADEQ data, assisting with data interpretation, and addressing public questions or concerns as requested d) Providing maps and GIS assistance to internal and external customers assisting with local sampling and volunteer training efforts. NPS Strategies 2.A.1 & 3.B.2	T = As requested a) **A = 9/12; 11/12** b) **A = 9/12; 11/12** c) **A = 7/12; 8/12/ 9/12** d) **A = Comment**	Surface Water
NPS PA I	2) Update website to provide enhanced information about Arizona's Nonpoint Source Program, funding priorities and eligibility, BMPs, and program successes. Enhancements may include but are not limited to: a) Providing links and references to BMP resources relevant to conditions in the arid southwest. b) Providing an E. coli fact sheet c) Developing an 'FAQ' section that describes potential projects, clarifies common eligibility questions, and highlights 'success stories.' d) Uploading/providing links to existing approved watershed plans and NEMO IMS tool. NPS Strategies 1.B.1, 1.B.2, & 4.B.1	T = 11/12 a) **Comment** b) **Comment** c) **Comment** d) **A = 10/12**	Surface Water

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management (Cont'd)** **DELIVERABLES:**		
NPS PA I	3) Provide oversight of existing partnership agreements with USFS, BLM, ADWR, AGFD, and various tribes. Update as necessary to better reflect new NPS plan. FY13 efforts will focus on: a) Finalizing BLM agreement update b) Initiate revision of the existing NRCS agreement to improve coordination of funding priorities and water quality focused technical support and incentives for potential nonpoint source grantees. c) Initiate revision of the existing agreement with AZ State Lands Dept. to facilitate coordination for future nonpoint source implementation projects. NPS Strategies 1.C.2, 2.B.1, & 3.B.1	T = a. 8/12 **Comment** b. 6/13 **Comment** c. 6/13 **No Activity**	Surface Water
NPS PA I	4) Submit annual NPS report in accordance with EPA's annual reporting requirements outlined in NPS Program and Grants Guidelines for States & Territories. a) Submit draft for EPA review and comment b) Submit final report. NPS Objective 4.A	T = a. 7/12 **A = 7/12** b. 8/12 **A = 8/12**	Surface Water
PPG	5) Update the Impaired Waters Improvement Table to reflect the most recent assessment and listing information, funding priorities, and partnerships. NPS Objective 3.B	T = 8/12 **A = 8/12**	Surface Water
NPS PA I	6) Participate in monthly teleconferences with EPA Region 9 to discuss NPS program activities.	T = Ongoing **A = 5**	Surface Water

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management (Cont'd)** **DELIVERABLES:**		
NPS PA I	7) Solicit, evaluate and select 319 grant applications. a) Release Request for Grant Applications (RFGA) for estimated $1.3 million in Incremental 319 dollars focused on WIP implementation in impaired waters. b) Develop and conduct grant workshops and other types of outreach for grants, including providing technical assistance and training to improve the quality of grant proposal submissions. c) Review applications, make award recommendations, and receive final approval on EPA funding allocations. d) Develop and execute 319(h) grant agreements. e) Determine external nonpoint source related technical support needs beyond current U of A contracts i) Request proposals for identified technical support needs. ii) Accept technical support proposals. iii) Award technical support contracts. NPS Strategies 1.A.1, 2.A.1 & 3.B.2	T = a) 10/12 **A = 10/12** b) 12/12 **A = 11/12** c) 5/13 **Comment** d) 6/13 **No Activity** e) 9/12 **Comment** ei) 1/13 eii) 3/13 eiii) 6/13	Surface Water
NPS PA I	8) Coordinate with internal and external partners to develop and implement high priority, non-competitively funded implementation projects. a) Coordinate with EPA Superfund, ASLD, and ADOA to develop and implement a plan to address the Hillside Mine lower tailings pile at Boulder Creek. i) Release RFO for implementation ii) Begin implementation b) Oversee ISA with AZ DEMA to provide funding for Wallow Fire mitigation projects impacting ADEQ's San Francisco/Blue and LCR Targeted Watersheds. NPS Strategies 2.B.1 & 3.B.1	T = a) **Comment** ai) 11/12 aii) 4/13 b) 6/13 **Ongoing**	Surface Water

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management (Cont'd)** **DELIVERABLES:**		
NPS PA I	9) Oversee previously awarded 319 projects and determine effectiveness of past projects. a) Oversee data analysis, public education, WIP completion, data transfer, and final report submission for the following Targeted Watersheds: i) San Francisco/Blue River ii) San Pedro River iii) Oak Creek iv) Granite Creek b) Oversee education and implementation efforts in the Coyote Creek Targeted Watershed. c) Oversee project activities for (#) previously awarded projects in non-targeted watersheds. d) Conduct site visits for current and past projects, coordinate new effectiveness monitoring efforts and assess existing ADEQ monitoring data to determine effectiveness of past projects. NPS Strategies 1.B.1, 2.A.1, 3.A.2, 3.B.2 & 4.A.1	T = ai) 7/12 **A = 7/12** aii) 9/12 **Comment** aiii) 9/12 **A = 9/12** aiv) 12/12 **A = 12/12** b) 6/13 **Comment** c) Ongoing d) Ongoing **Comment**	Surface Water
NPS PA I	10) Oversee UA contracts to: a) Provide technical and educational support to existing targeted watersheds (Granite, San Francisco/Blue, Oak, San Pedro, LCR Headwaters, and Tonto/Christopher). b) Provide load reduction data for WQIG projects addressing nitrogen, phosphorus and sediment issues, as well as other load reduction estimates as applicable. NPS Strategies 3.A.2 & 3.B.2	T = a) 12/12 **Comment** b) 2/13 **Comment**	Surface Water
NPS PA I	11) Report project activities and input load reduction information into GRTS database. Expand upon the current utilization of GRTS for day-to-day project management for active projects. a) Input all mandated elements for FY 13-awarded projects into GRTS. b) Attend annual GRTS meeting and regional GRTS training. (as scheduled). c) Upload final reports for all projects closed out during FY13 to GRTS. d) Enter project level budget information into GRTS for all open projects. NPS Strategy 4.A.1	T = a) 6/13 **No Activity** b) As scheduled **Comments** c) 6/13 **Comment** d) 6/13 **Comment**	Surface Water

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management (Cont'd)** **DELIVERABLES:**		
PPG	12) Document potential success stories following close out of grants for submission to EPA. Draft and submit Nonpoint Source Success Stories to EPA for the Pinto, Verde, and Tonto watershed impairments that document satisfactory evidence of a watershed approach. NPS Strategy 4.B.1	T = Draft 12/12 **Comment** Final 6/13	Surface Water
NPS PA I	13) Prioritize watersheds and/or nonpoint sectors for FY14 funding (e.g. impaired watersheds, watersheds with TMDL implementation plans, watershed based plans). NPS Objective 3.B	T = 4/13 **Comment**	Surface Water

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 1a); Purchased kits for Verde River days. **Deliverable 1b)**; WQIG presentation at the San Pedro TMDL public meeting. **Deliverable 1c)**; Ongoing response to public requests for data, maps, nonpoint source information. **Deliverable 1d)**; Ongoing mapping/GIS assistance to internal programs in support of water quality protection. **Deliverable 3a)**; Off target; the BLM agreement update was submitted for review by ADEQ and BLM administrative council in May 2012. BLM council submitted clarifying questions for ADEQ regarding Clean Water Act authorities 9/17/12. ADEQ responded to these questions 9/17/12 and is currently awaiting BLM approval to finalize. **Deliverable 7e);** The current technical support contract with Dr. Channah Rock will expire 12/31/12. Dr Rock will continue to work under the existing NEMO technical support contract, for which she is a co-primary investigator. Both the NEMO and MWS contracts have been extended to 6/30/13 to allow for continued support of the San Pedro River WIP. Additional funding may be added to the NEMO contract to account for necessary travel and materials associated with supporting the San Pedro WIP for this extended period; this is currently under discussion. **Deliverable 8a)**; Hillside activities are currently on hold while ADEQ lines up meetings with ADOA and ASLD to determine whether they are willing to assume the risk of cost recovery associated with Superfund's involvement with project construction. The Grants and Outreach Unit will continue to hold $1.2 million in CWA Section 319 funding for the project; unused funds will be incorporated into WQIG Program Cycle 13 for award in the spring of 2013. **Deliverable 9a.ii)**; Extended to 6/13 (see Table 1.3.9 for details). **Deliverable 9a.iii)**; Completed 9/12. **Deliverable 9a.iv)**; WIP completed 10/12; group is investigating potential outreach and implementation projects that can be completed before the 12/12 expiration of this grant agreement. **Deliverable 9b)**; Implementation of some BMPs has begun; Natural Channel Design is currently revising the BMP recommendation document to improve some of the design specifications. **Deliverable 9d)**; Grants and Outreach staff have conducted site visits to evaluate the success of three closed out projects during the first quarter. Staff is creating an Access database of closed grants organized by project type that will allow us to develop a strategy for grant effectiveness evaluations that coordinates with TMDL effectiveness monitoring and Ambient Monitoring efforts. **Deliverable 10a)**; Extended to 6/13 (MWS and NEMO; see comments for deliverable 7). **Deliverable 10b)**; Staff has provided the U of A with a list of projects that will require load reduction modeling prior to the 2/13 deadline, and will work with the NEMO program in coming months to support this effort. **Deliverable 11b)**; GRTS training has not yet been scheduled for FY13. **Deliverable 13)**; FY14 funding will be available for award during the current grant cycle. Additional priorities for funding outside of the current grant cycle have not been finalized.

2ND QTR: (Next Page)

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GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

2ND QTR: Deliverable 1a) Grants staff participated in a WQIG-funded BMP workshop at Arcosanti 11/16/12. **Deliverable 1b)** Grants staff presented information about the WQIG program at the LCR TMDL public meeting 11/8/12. **Deliverable 1c)** Ongoing response to public requests for data, maps, nonpoint source information. **Deliverable 1d)** Maps of ADEQ priority watersheds for EQIP to assist with NWQI watershed prioritization; ongoing mapping/GIS assistance to internal programs in support of water quality protection. **Deliverable 2a)** WIPs identifying BMPs for three targeted watersheds were uploaded to the ADEQ website 10/12. Work was done during the second quarter to compile a draft list of BMP resources for the website and will continue into the third quarter. **Deliverable 2b)** Staff are in the early stages of fact sheet development. Materials from states such as Utah and North Carolina that have developed robust E.coli/pathogen information for the public are being reviewed for guidance. **Deliverable 2c)** A draft list of frequently asked questions about the WQIG program and NPS pollution has been compiled, in addition to a detailed table that discusses the eligibility of many common BMPs. Work toward finalizing these documents will continue into the third quarter. **Deliverable 3a)** The final language for the ADEQ/BLM nonpoint source MOU has been approved by both parties, and is currently with BLM for signature. BLM will deliver the final MOU to ADEQ for signature the week of 1/14/13. **Deliverable 3b)**; Grants and Outreach and TMDL staff met with NRCS staff 9/12 to identify joint nonpoint source priorities and discuss potential priority watersheds for USDA's FY13 National Water Quality Initiative (NWQI) funding. ADEQ has provided NRCS (and EPA) with a list of recommendations for priority 12-digit HUCs. EPA will be included in future NWQI discussions with NRCS. **Deliverable 7b)** Cycle 13 grant workshops were conducted 10/29/12 – 11/2/12 in Phoenix, Sedona, Prescott, and Safford via webinar. **Deliverable 7c)** Nine grant applications were accepted by the 11/30/12 submission deadline. Administrative review took place 12/12 and resulted in two applications being declared ineligible due to not impacting a water listed as impaired in ADEQ's draft 2010 assessment document. The remaining applications are currently undergoing technical review in accordance with the Cycle 13 timeline. **Deliverable 7e)** Technical support needs beyond the current U of A contracts will be determined once the FY14 workplan has been drafted (3/13). Necessary negotiations for continued support will be made at that time. **Deliverable 8ai)** ADEQ Grants, TMDL, Surface Water and WQD Director's Office staff met with ASLD and ADOA 11/28/12 to discuss timelines for moving forward with the Hillside Mine project. Further action is on hold until ASLD provides ADEQ with a decision regarding their willingness to accept the potential for Superfund cost recovery and move forward with the project. **Deliverable 9aii)** The deadline for the San Pedro WIP was extended to 6/13 during the first quarter. Refer to the Quarterly Status of Targeted Watersheds table for current status updates. **Deliverable 9b)** Grants and TMDL staff conducted a site visit for the Coyote Creek project to photograph and assess BMP implementation to date. **Deliverable 9d)** Grants and TMDL staff established a draft "Master Target List" (MTL) of waters/watersheds where effectiveness monitoring efforts will be concentrated over the next five years. Monitoring based on the MTL will be used to track water quality improvements tied to NPS-funded grant projects and other TMDL-spurred implementation activities throughout the state. **Deliverable 10a)** Dr Channah Rock's ISA to support WIP watersheds was extended to 6/13 during the first quarter. Dr. Rock continues to support the San Pedro group in their assessment of *E. coli* and other water quality data. **Deliverable 10b)** Grant staff continues to work with the Arizona NEMO program to calculate load reduction data. Data is on track to be entered prior to the 2/13 deadline. **Deliverable 11b)** EPA HQ has not yet announced dates for FY13 GRTS training, or whether one will be held. **Deliverable 11c)** Grant staff continues to upload final reports to GRTS as project close out. Seven projects closed out during the second quarter, four of which are in the process of revising their final reports prior to upload. **Deliverable 11d)** Grants staff continues to enter project level budget into GRTS as reimbursement requests come in. **Deliverable 12a)** Success stories are in the process of being drafted to document improvements in the Pinto and Verde watersheds. Drafts are still in progress and have not yet been submitted to EPA. **(2nd Qtr. cont'd next page)**

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.2: Protect & Restore Watersheds & Aquatic Ecosystems.		Program #4500: Surface Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.3.9	**TASK: NPS Base Program Management and 319(h) Project Management (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

2ND QTR (Cont'd):

Additional Comments: In addition to the deliverables identified within this plan, Grants staff participated in the following time-intensive nonpoint source related activities during the second quarter:

- Reviewing and providing comment on EPA's draft Nonpoint Source Guidelines, released in 11/12
- Identifying necessary updates to the Arizona Nonpoint Source 5-Year Management Plan
- Developing methodologies for demonstrating progress on internal water quality performance measures

FTE FUNDING SOURCE	MONTHS	AMOUNT
PPG NPS PA I	8.00 39.00	22,417 155,790
TOTAL	47.00	178,207

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1.3.9 FINAL QUARTERLY STATUS OF TARGETED WATERSHED GRANTS TABLE

Targeted Watershed & Pollutant(s) of Concern	Type of Project	Project Status	Project Exp. Date	Comments
Granite Creek – Headwaters to Watson Lake; nutrients and *E. coli*	Watershed Improvement Plan (WIP)	Final WIP has been completed and submitted. Final report should be submitted by the end of January.	Dec-12	Group intends to apply for future grants for implementation of BMP's identified in the WIP.
Oak Creek – Headwaters to Spring Creek; *E. coli*	WIP	Final WIP has been completed and submitted. Final report was been submitted.	Sept-12	Group intends to apply for future grants for implementation of BMP's identified in the WIP.
San Francisco River – Blue River to Limestone Gulch; *E. coli*	WIP	Final WIP has been completed and submitted. Final report was been submitted.	Jun-12	Group intends to apply for future grants for implementation of BMP's identified in the WIP.
San Pedro River – Babocomari Creek to Dragoon Wash; *E. coli*	WIP	WIC has completed their sampling and is working with U of A to extrapolate results. Data tends to suggest that septic systems are not an issue and stormwater is the main cause. WIC is also developing a land management conference with the assistance of two RC&D's in the area. Drafts of Chapters 1 & 2 have been developed	Jun-13	Next WIC meeting will be held in March in which they will resume monthly meetings until the end of the grant.
Colorado River Headwaters – West Fork LCR to Lyman Lake; sediment/turbidity	Watershed Education & Training (WET)	Project sites have been identified. On the ground implementation will begin during the spring. The Project Manager is in the process of finalizing a Master Watershed Steward course to begin in January and concluding in May. Classes will be held at the Round Valley High School for high school students.	Jun-13	Site visit was held in November with project manager and Natural Channel Design.

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GOAL #2: Protecting America's Waters Objective 2.1 Protect Human Health		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.1	**TASK: 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. 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. 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. **DELIVERABLES:**		
PPG Wellhead PPG	1) Drinking water sanitary surveys, 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 two-year cycle. b) Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle. c) Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle. d) Populate SDWIS sanitary survey fields.	a) T = 28 **A = SRO 3; PHX 4** b) T = 70 **A = SRO 14; PHX 42** c) T = 152 **A = SRO 15; PHX 51** d) Ongoing	Compliance a) SRO = 14 PHX/NC = 14 b) SRO = 4 PHX/NC = 66 c) SRO = 57 PHX/NC = 95
PPG	2) Report the total number of complaints investigated related to drinking water.	T = Quarterly **A = SRO 3; PHX 237**	Compliance SRO = As needed PHX = As needed
	3) Report the total number of complaints/non-routine drinking water inspections.	T = Quarterly **A = SRO 2; PHX 5**	Compliance SRO = As needed PHX = As needed
PPG	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. b) Number of NOC/NOV Closures issued	T = Quarterly a) **A = 81** b) **A = 59**	Compliance SRO = As needed PHX = As needed

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GOAL #2: Protecting America's Waters Objective 2.1 Protect Human Health		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.1	**TASK: Drinking Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		
PPG	5) Report the total number of formal Drinking Water Enforcement Actions a) Number of Administrative Orders **issued** b) Number of Administrative Orders terminated	T = Quarterly **Comment**	Compliance
PWSS Federal	6) Evaluate and respond to EPA's Enforcement **Tracking Tool (ETT)** Report. a) Based on the ERP report generated, address all public water systems with a score of 11 or higher. b) During the monthly conference calls between ADEQ and EPA, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher. c) Monitor and report progress on State/EPA effort on addressing the commitment. d) Review and provide comment on EPA's Annual Compliance Report.	T = **Based on 2012 ETT Report** **Comment** a) 6/30/13 b) Monthly c) Mid-yr (12/31/12) d) 7/13	Compliance
	7) Hold monthly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions. At least one call each quarter will be devoted to discussing the ERP list and the details of actions taken on each with a score above 10. The dates for the quarterly calls devoted to the ERP list are scheduled as follows to coincide with the ERP Processing Cycle: August 2012 November 2012 February 2013 May 2013	T = Monthly **A = August 23, 2012** **A = December 7, 2012**	Compliance

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GOAL #2: Protecting America's Waters Objective 2.1 Protect Human Health		Program #4900: Drinking Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.1	**TASK: Drinking Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #2: The Water Quality Compliance Section (WQCS) and the Drinking Water Section combined received an estimated 200 calls in response to the Johnson Utilities, LLC Total Coliform exceedance. To limit the amount of data entry, ADEQ did not enter each of these complaints into the Azurite database. The complaints were managed as duplicate complaints under Complaint ID 9046. Deliverable #3: The WQCS conducted a complaint-based inspection in response to the Johnson Utilities, LLC in response to the Total Coliform exceedance. During the complaint investigation, ADEQ also conducted a sanitary survey of the system. Deliverable #5: The WQCS is tracking the compliance schedules of 24 administrative orders. One drinking water facility was referred to the Arizona Attorney General's Office to seek a civil penalty. Deliverable #6: The new Enforcement Tracking Tool (ETT) report is due Mid-October.

2ND QTR: Deliverable 5: The WQCS is tracking the compliance schedules for 23 administrative orders. During the second quarter, the WQCS assessed a $1,000 administrative penalty to a drinking water system for non-compliance. Deliverable 6: The WQCS received the most recent ETT list on February 5, 2013. The WQCS will provide the ETT list with status updates within weeks of receipt.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (DW)	11.00	52,420
WIFA Fees (DW) – SRO	27.70	123,567
WIFA Fees (DW) PPG [Match] – SRO	4.00	13,634
WQFF PPG [Match]	8.00	33,416
Wellhead	18.00	56,134
PPG – SRO	1.20	4,105
PPG	87.00	307,433
PWSS Federal – SRO	6.00	33,104
TOTAL	162.90	623,813

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GOAL #2: Protecting America's Waters Objective 2.1 Protect Human Health		Program #4900: Drinking Water Regulation Program #4400: Underground Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.2	**TASK: 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. Track progress towards meeting compliance schedules. **DELIVERABLES:**		
Wellhead PPG	1) Perform scheduled inspections of facilities possessing the following permit types: a) Individual APP b) General APP c) GWPP/NOD	T = 121 **A = SRO 29; PHX 64**	Compliance SRO = 32 PHX = 89
PPG	2) Perform scheduled inspections of those facilities possessing a reuse permit.	T = 24 **A = PHX 6; SRO 0**	Compliance SRO = 8 PHX = 16
PPG	3) Report total number of Informal Groundwater Enforcement Actions a) Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued. b) Number of NOC/NOV Closures issued	T = Quarterly a) **A =23** b) **A = 31**	Compliance
PPG	4) Report total number of Formal Groundwater Enforcement Actions. a) Number of Administrative Orders issued. b) Number of Administrative Orders terminated	T = Quarterly a) **A = 1** b) **A = 3**	Compliance

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters Objective 2.1 Protect Human Health		Program #4900: Drinking Water Regulation Program #4400: Underground Water Regulation	
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.2	**TASK: Groundwater Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 4: The Water Quality Compliance Section is tracking the compliance schedules for 10 administrative orders.
2ND QTR: Deliverable 4: The Water Quality Compliance Section is tracking the compliance schedules for 8 administrative orders.

FTE FUNDING SOURCE	MONTHS	AMOUNT
Wellhead – SRO	18.00	84,629
Wellhead	32.00	142,862
WQFF	10.00	48,858
WQFF – SRO	7.00	31,657
WQFF PPG [Match]	10.00	38,036
PPG	76.00	267,625
PPG – SRO	5.60	13,690
TOTAL	158.60	627,357

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GOAL #2: Protecting America's Waters	Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation		
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: 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). 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) Review each AZDPES 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 ad 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 unapprovable. 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. Track progress towards meeting compliance schedules. Enter discharge monitoring report data into PCS/ICIS for major and minor facilities within 20 days of receipt. Enter permit and facility inspection and enforcement action information into PCS/ICIS within 30 days of receipt. a. Permit and facility data (majors and minors) b. Inspection data (majors/minors) c. Enforcement Action (majors/minors) 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. **DELIVERABLES:**		

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GOAL #2: Protecting America's Waters	Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation		
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: Surface Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		
PPG	1) Perform compliance inspections of point source facilities. Inspect all major AZPDES facilities that are operational every other year	T = 35 facilities; 50% inspection coverage of 71 major facilities **A = PHX 7; SRO 0**	Compliance SRO = 5 PHX = 30
PPG	2) Perform scheduled compliance inspections of AZPDES minor point source facilities. Inspect all minor AZPDES facilities on a five-year cycle with at least 20% of minor facilities inspected annually (89/5).	T = 18 facilities; 20 % inspection coverage of 89 minor facilities **A = PHX 11; SRO 0**	Compliance SRO = 2 PHX = 16
PPG	3) Conduct inspections of stormwater facilities subject to general permitting requirements. a) Industrial b) Construction i) Phase 1 (facilities larger than 5 acres) 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.	T = a) 60 **Comments** b) 60 bi) Phase 1 = 40 bii) Phase 2 = 20 a) **A = SRO 5; PHX 41** bi) **A = SRO 16; PHX 27** bii) **A = SRO 4; PHX 17**	Compliance b) SRO = 19 PHX = 41 c) SRO *Phase I = 15* *Phase II = 7* PHX *Phase I = 25* *Phase II = 13*
PPG	4) Implement activities for MS4 Permittees a) Phase I i) Conduct one audit of each permittee once every five years ii) Conduct inspections on an as-needed basis b) Phase II i) Perform one audit of each permittee once every seven years ii) Conduct inspections on an as-needed basis.	T = ai) 0 bi) 2	Compliance PHX
	5) Perform compliance inspections of CAFO/AFO facilities (permitted and unpermitted).	T = 4 **A = 1**	Compliance PHX
	6) Perform compliance inspections of biosolids facilities as per the protocol submitted by ADEQ. a) Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5). b) Large commercial applications annually. c) Small commercial applicators at least every other year; **applicators applying to their own fields at least twice every five years.**	T = a) **5** **A = 3** b) **4** **A = 2** c) **2** **A = 1**	Compliance PHX

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GOAL #2: Protecting America's Waters	Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation		
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: Surface Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		
	7) Review annual reports submitted under biosolids rule.	T = 26 **A = 0**	Compliance PHX
	8) Manage the Pretreatment Program a. Review the annual and semi-annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found. 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. Deficiencies found during the audit shall be addressed in the reissued permit as appropriate. c. Conduct pretreatment compliance inspections (PCIs) for approved pretreatment programs. A PCI shall not be conducted in the same year as a pretreatment audit. d. Perform an annual inspection at each 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. e. Continue support of wastewater pretreatment program in the Ambos Nogales border region. Specific activities include: i. Provide technical support to stakeholders ii. Maintain or revise if necessary ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities iii. Assist with coordination of training to enhance local pretreatment efforts iv. Assist with source characterization of regulated contaminants	a. T = 16 **A = 0** b. T = 1 **A = 0** c. T = 3 **A = 0** d. T = 1 **A = 1** e. T = 1 **A = 0**	Compliance PHX e) SRO Only

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GOAL #2: Protecting America's Waters	Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation		
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: Surface Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		
	9) Report total number of complaints relating to Clean Water Act. a) Complaints received b) Number of complaint/non-routine surface water inspections	T = Provided in the Mid-Year and End of Year Output Report a) **A = 23** b) **A = 21**	Compliance
	10) Prepare and submit quarterly reports to EPA for all types of AZPDES facilities including individually permitted major and minor facilities, facilities covered by general permits and unpermitted facilities subject to CWA requirements. The quarterly reports shall include the following information: a) A list of ADEQ's formal and informal enforcement actions. For each action, provide the name of the facility and the date and type of enforcement action. b) A list of inspections conducted by ADEQ. For each inspection include the name of facility, the permit number and the date and type of inspection performed at the facility. c) A list of NOC/NOV closures issued including the name of the facility and the date of closure. d) A list of Administrative Orders terminated including the name of the facility and the date the order was terminated.	T = Quarterly as follows: **A = 2** d) **See comments**	Compliance
	11) Complete quarterly compliance reviews and submit for the following: a) The automated QNCR (major facilities) from PCS/ICIS b) The automated QNVR (minor facilities) from Azurite. c) Responses to the quarterly watch list generated in 7/12, 10/12, 1/13, 4/13	T = **Comments** a) **9/07/12, 11/29/12,** 3/12/13, 6/11/13 b) **9/24/12, 12/27/12,** 3/12/13, 6/11/13 c) within 30 days **Comments**	Compliance
PPG	12) Begin entering major and minor DMR compliance data in the ICIS production environment.	T = Immediately upon completion of the migration process of the Arizona data in PCS to ICIS by the EPA. **Comments**	Compliance

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GOAL #2: Protecting America's Waters	Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation		
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: Surface Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		
	13) 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.	T = 12 **A = 6**	Compliance
	14) Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.	T = As needed	Compliance SRO
	15) Support efforts to respond to transboundary uncontrolled water flows to determine the contamination status of the water, initiate or participate in communications with local agencies and implement response actions, if necessary.	T = As needed **Comments**	Compliance SRO
	16) Act as liaison with the IBWC, local public health agencies, state and federal agencies to plan, prepare and react appropriately when transboundary flows occur.	T = As needed **Comments**	Compliance SRO
	17) Update the Compliance Monitoring Strategy Worksheet for FY 13.	T = 8/1/2012 **A = 8/17/12**	Compliance

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GOAL #2: Protecting America's Waters	Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation		
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: Surface Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR – Compliance Section: Deliverable 3(a): In addition the PHX office also conducted 8 inspections of non-filers that may require an MSGP permit. These inspections are part of the strategy to identify and require non-filers to obtain permits. Deliverable 10: The Water Quality Compliance Section provided a report on August 15, 2012 to the EPA. The enforcement actions included in the August 15, 2012 pertained to the FY12 Work Plan requirements. The next report will be sent to the EPA by the November 11, 2012 deadline. The WQCS is tracking the compliance schedules for 2 administrative orders. Deliverable 11a: QNCR submitted 9/7/2012. Deliverable 11b: QNVR submitted 9/24/12. Additional time is required to manually review the QNVR for errors in the report due to bugs in the database. Deliverable 11c: We have not received the 7/12 watch list. Deliverable 12: Migration is scheduled to be completed in December 2012.
SRO Activities: Deliverables #15 and #16 – During the latter part of August, staff documented multiple sanitary sewer overflows originating from failures in Nogales, Sonora wastewater infrastructure and impacting Arizona. Specifically, staff identified a construction-related breach of the 24" Ruiz Cortínez collector in Nogales, Sonora that flowed into Arizona via the Nogales Wash. This is the main collector in Nogales, Sonora that conveys wastewater to the International Outfall Interceptor (IOI) for treatment at the Nogales International Wastewater Treatment Plant in Rio Rico, Arizona. Staff also discovered two additional transboundary fugitive flows, from south to north – the first at Trickey Wash and the second at Cerro Pelón. Staff communicated with IBWC, and other partners of the Nogales Wash Emergency Response Plan to mitigate the fugitive transboundary flows quickly, sharing details with Santa Cruz County, City of Nogales, Arizona, Arizona Division of Emergency Management, and the Arizona-Sonora Border 2020 Emergency Response Task Force. Summary reports were prepared to inform the ADEQ Director's Office and for briefing the Arizona governor's office.

Also during this reporting cycle: staff members attended the US-IBWC Southeast Arizona Citizens' Forum meeting; participated in and helped prepare and review documents for the Good Neighbor Environmental Board Water Treatment Workgroup meetings; reviewed IBWC minutes regarding Nogales and Naco; worked with IBWC to perform sampling after fugitive flows and to mitigate them; informed Nogales, Arizona of debris in the Nogales Wash that could pose a threat to an above ground sewer main and followed up with the city until the threat was mitigated.
2ND QTR: (Next Page)

FOOTNOTES:
(*) 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.

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GOAL #2: Protecting America's Waters		Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation	
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: Surface Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

2ND QTR: Deliverable 3(a): In addition to routine inspections, PHX conducted 5 inspections and the SRO conducted 1 inspection of non-filers that may require a general stormwater permit (MSGP/CGP) for a total number of 14 inspections. These inspections continue to be part of the strategy to identify and require non-filers to obtain permits. During the second quarter, ADEQ also issued letters to marinas within the State of Arizona as an initiative to require these facilities to obtain MSGPs. Deliverable 10d: The Water Quality Compliance Section issued 1 consent order and terminated an administrative order during the second quarter. The Section is currently tracking the compliance schedules of 2 orders.
Deliverable 11: ADEQ did not submit the QNVR report by the December 12, 2012, deadline. Additional time was required to manually review the QNVR for false violations due to errors in the WCT database. The Watch List was submitted to EPA Region IX on December 11, 2012. Deliverable 12: Data migration from PCS to ICIS was completed on December 10, 2012. Data flows to ICIS from WCT are in development. As of January 11, 2013, no data is flowing to ICIS.
SRO ACTIVITIES: Deliverable 8e – On October 2, October 16, and November 16, staff summarized progress and ongoing challenges associated with Ambos Nogales binational wastewater quality for an important Nogales, Sonora metal plating operation, Cromadora Internacional. Improved communication with the regulated community has been linked to improved binational wastewater quality. On October 18, staff delivered prepared sample bottles to La Cromadora for wastewater quality analysis offered by Alcoa Fastening Systems in Tucson, Arizona, as technical assistance with the goal of improving peer-to-peer relationships. **Deliverable 14-16** – On October 18, staff participated in a Binational Technical Committee (BTC) meeting hosted by IBWC. At the meeting, sanitary sewer overflows and wastewater quality challenges and recommendations were discussed amongst principal stakeholders including the Nogales, Sonora Wastewater Utility and La Cromadora Internacional. Staff prepared a detailed meeting summary for stakeholder distribution by IBWC. Two transboundary sewer flows into the Nogales Wash were reported by IBWC during the second quarter. On October 23, the Ruiz Cortínez collector construction site (a road bridge is being constructed at this site) had another premeditated breach of the sewer line. This collector is the main conveyance of wastewater from Nogales, Sonora, to the Nogales International Wastewater Treatment Plant in Rio Rico, Arizona. Staff developed a summary related to this breach of the Ruiz Corinez collector in Nogales, Sonora. On December 17, OOMAPAS had an operational problem with a sewage collection line. Staff attended the IBWC Southeast Arizona Citizens' Forum on October 11, 2012. Staff assisted with completion of the 15th Report of the Good Neighbor Environmental Board that was transmitted to the President and Congress on December 12.

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GOAL #2: Protecting America's Waters	Program #'s: 4500: Surface Water Regulation 4400: Underground Water Regulation		
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.4.3	**TASK: Surface Water Compliance and Enforcement (Cont'd)** **DELIVERABLES:**		

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW)	7.00	29,571
WIFA Fees (CW) – SRO	16.00	64,092
WIFA Fees (CW) PPG [Match]	39.00	155,900
WQFF PPG [Match]	8.00	30,886
WQFF - AZPDES	22.00	94,264
WQARF PPG [Match]	6.00	20,273
PPG	56.00	199,391
PPG – SRO	24.40	108,568
TOTAL	178.40	702,945

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GOAL #2: Protecting America's Waters		Program #s 4400: Underground Water Regulation 4500: Surface Water Regulation 4900: Drinking Water Regulation	
Objective 2.1 Protect Human Health **Objective 2.2** Protect & Restore Watersheds & Aquatic Ecosystems.			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.5.1	**TASK: Division & Section Management** 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 workplan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Coordinate with EPA on Border 2012, or subsequent U.S.-Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program. **DELIVERABLES:**		
PWSS Federal	1) Reports a) Section FY13 Exception Report to WQ Planning Section. Due 15 days after end of the 1st and 3rd state FY quarters. b) Section FY13 Bi-Annual Output Report to WQ Planning. Section. Due 15 days after end of 2nd and 4th quarters, FY13. c) Section Performance Measures Report to WQ Planning Section. Due 11 days after end of each quarter.	T = a) Quarterly **A = 1** b) Bi-annually **A = 1** c) Quarterly **Comment**	All Sections
PPG	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.	T = As required **Comment**	Director SRO
PPG PWSS Federal	3) EPA/ADEQ grant meetings: a) End of year review for FY12 b) Mid-year review for FY13 c) EPA negotiation meetings for FY14	T = a) 9/12 **A = 9/12** b) 2/13 c) 4/13	All Sections
	4) Review and respond to incremental primacy crosswalks comments as provided by EPA for Consumer Confidence Report Rule, Public Notification Rule, and Lead and Copper Rule.	**T = Within 45 days of receipt from EPA Reg. IX Comment**	**Drinking Water**

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters	Program #s 4400: Underground Water Regulation 4500: Surface Water Regulation 4900: Drinking Water Regulation

Objective 2.1 Protect Human Health
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.5.1	**TASK: Division & Section Management** **DELIVERABLES:**		
	5) Submit completed primacy package for the analytical requirements in Arizona Administrative Code (A.A.C.) Title 9, Chapter 14, Article 6 – Licensing of Environmental Laboratories.	**T = 6/30/13**	**Drinking Water**

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR – All Sections: All deliverables are on target.
SRO Activities: Deliverable #2 – On August 8 through 10, staff participated in the U.S.-Mexico Border 2020 Environmental Program Conference in Tijuana, Mexico and provided updates of past and planned activities. In support of the Good Neighbor Environmental Board (GNEB) staff representing Arizona revised a draft case study and recommendations associated with failing border infrastructure and impacts to water quality in the Ambos Nogales region; details were shared during the GNEB teleconference on September 6.
2ND QTR – All Sections: Deliverable 1c: Performance measures are being updated to match our new agency Strategic Plan. Preliminary reports done to test measures. Deliverable 4: Primacy Crosswalks provided to EPA R9 on 12/23/12. Deliverable 5: ADEQ worked with ADHS Environmental Laboratory licensure staff to complete crosswalk; completed crosswalk due to ADEQ by 1/15/13.
SRO Activities: Deliverable 2 – On December 10, staff participated in a meeting with EPA and IBWC regarding a Pretreatment Subcommittee recommended by IBWC at its October 18 Binational Technical Committee meeting. IBWC believes that counterpart agencies in Mexico will not actively participate in pretreatment activities without a "terms of reference" document. A summary of the proposal was developed for internal review.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (DW)	13.00	80,645
WQFF - AZPDES	1.00	4,743
PPG	33.00	176,950
PPG SRO	4.00	19,416
WQFF	25.00	111,225
PWSS Federal	50.00	230,471
TOTAL	126.00	623,450

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters	Program #s 4400: Underground Water Regulation 4500: Surface Water Regulation 4900: Drinking Water Regulation		
Objective 2.1 Protect Human Health **Objective 2.2** Protect & Restore Watersheds & Aquatic Ecosystems.			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.5.2	**TASK: Water Quality Planning** Coordinate the development and amendment of annual water quality workplans and grants. Plan, control and monitor expenditures of manpower and state/federal financial resources. Manage business functions, including Division contracting activities. **DELIVERABLES:**		
PPG	1) Develop annual FY 14 Integrated Water Quality Division workplan and submit to EPA	T = Draft 3/13 **Comment** Final 6/13	Director
PPG	2) Coordinate development of performance reports a) Midyear Exception Report to EPA b) Final Output Report to EPA c) Strategic Performance Measures	T= a) 2/15/13 **A = 2/13** b) 8/12 **A = 8/13/12** c) Quarterly **Comment**	Director
PPG	3) WQ Planning documents a) Distribute budget and workplan books for FY 13 start-up. b) Finalize spreadsheets for FY 14 startup. c) Conference calls with EPA regarding budget updates. (FY12 FSR Review & FY13 Update) d) Conference calls with WIFA regarding WIFA set-asides. **e) Submit Budget Status Reports (BSR) summaries for:** **i) Performance Partnership Grant (PPG)** **ii) WIFA PWSS Federal (15%) Set-Aside** iii) **WIFA Wellhead (10% Set-Aside**	T = a) 7/12 **A = 8/12** b) 5/13 c) 10/12; 1/13; 4/13 **A = 10/12; 1/13** d) 10/12; 1/13; 4/13 **A = 10/12; 1/13** **e) T** = 10/12; 1/13/ **4/13** **A = 10/22/12; 1/13**	Director
PPG	4) Coordinate with EPA the destruction of the official Construction Grant files as they are returned from State Retention Center.	T = As required **Comment**	Director
	5) Prepare revised SF 424A to reflect the actual costs of SFY 2013 PPG at end of year. A corresponding narrative write up will be submitted to reflect any impacts to individual SFY 2013 Workplan tasks and/or deliverables.	**T = 9/30/13** **Comment**	**Director**

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters	Program #s 4400: Underground Water Regulation 4500: Surface Water Regulation 4900: Drinking Water Regulation
Objective 2.1 Protect Human Health **Objective 2.2** Protect & Restore Watersheds & Aquatic Ecosystems.	

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.5.2	**TASK: Water Quality Planning (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable 4: Construction Grant files are continuously reviewed before destruction.
2ND QTR: Deliverable 1: Draft FY 14 Workplan was distributed to section managers for updates on January 10, 2013. Deliverable 2c: Performance measures are being updated to match our new agency Strategic Plan. Preliminary reports done to test measures. Deliverable 4: There has been no activity on construction grant files during this quarter due to the extreme number of funding and position number changes. Deliverable 5: Will begin preparation of revised SF 424A after the 13th month expenditures are in.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW) PPG [Match]	10.00	36,556
WIFA Fees (CW) NPS XIII [Match}	7.00	21,540
PPG	38.00	139,481
TOTAL	55.00	197,577

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GOAL #2: Protecting America's Waters	Program #s 4400: Underground Water Regulation 4500: Surface Water Regulation 4900: Drinking Water Regulation		
Objective 2.1 Protect Human Health **Objective 2.2** Protect & Restore Watersheds & Aquatic Ecosystems.			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.5.3	**TASK: Water Quality Data Management** Facilitate the development and management of relevant database applications including the integration of ground water, surface water and engineering review applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate water data capture, storage, access, retrievals, analysis, integration and sharing. Conduct GIS projects and data analysis in coordination with water and waste programs, ITS and GIS Technical Committee, and AGIC. **DELIVERABLES:**		
PPG	1) Facilitate the analysis, design, programming, and implementation steps to meet new requirements for WCET database system, including uploads of minor facility data to PCS, enhancements to system needed to support compliance improvement initiative, and meeting future EPA ICIS (Integrated Compliance Information System) requirements.	T = 12/12 **Comment**	ITS (ASD) Director Compliance
	2) Continue to participate in E-Gov projects, including basic water quality electronic data transfers: a) E-DMRs b) SDW system data reporting (SDWIS module) c) STORET WQX	T = **Comments** a) Ongoing b) Ongoing c) 6/**13**	Director ITS (ASD) Compliance Drinking Water Surface Water
	3) Continue to facilitate and assist analysis, design, programming, and implementation steps to fix bugs and meet new requirements for: **a) Groundwater and Surface Water Quality database, including the development of necessary interfaces to accept data submittal from outside agencies, volunteer monitoring groups, SRP, USGS** **b) Permits and Certifications/Stormwater database** **c) Engineering Review systems**	T = 6/13 **Comment**	ITS (ASD) Director
PPG	4) Investigate options for Drinking Water electronic data submittal required under CROMERR rules.	T = 6/13 **Comment**	Director Drinking Water ITS (ASD)
	5) **Enter ambient water quality data (tissue and sediment data included) into Water Quality Exchange (WQE).**	**T = Quarterly** **Comment**	**Director**

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FY 13 MID-YEAR OUTPUT REPORT

GOAL #2: Protecting America's Waters	Program #s 4400: Underground Water Regulation 4500: Surface Water Regulation 4900: Drinking Water Regulation
Objective 2.1 Protect Human Health **Objective 2.2** Protect & Restore Watersheds & Aquatic Ecosystems.	

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.5.3	**TASK: Water Quality Data Management (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS

(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR: Deliverable #1 is tied to deliverable #4; a workplan change will be forthcoming. Deliverable 3a: Work is being done under a NEIN 11 grant.. Deliverable 3b: DWS continues to work with IT to release Drinking Water Watch (DWW) to regulated PWSs/general public. IT to load test version of DWW by 11/01/12 and DWS staff will beta test with selected PWSs through 1/31/12. Deliverable 3c: Programming completed in FY12. Uploads will occur annually to STORET. Deliverable #4 is ongoing; unlikely to be complete by June 2013. Funding limitations will constrain analysis and development of water quality database and engineering review systems. While the Division is working on a detailed requirements document for fixes to the water quality database and has a draft design document for the engineering review systems, funds for design and production have not yet been allocated. Deliverable 5: Options finalized 8/1/12; DWS will utilize Lab to State software as an option to submit compliance drinking water data.

2ND QTR: Deliverable #1: ITS will need additional time to complete this task; errors and omissions in data mapping will need to be corrected before we can proceed. Deliverable #2a: ITS will contract with consultant by 6/13 for planning next steps; Deliverable 2b: Test Public SDWIS (a.k.a. External Drinking Water Watch) programming completed 11/19/12. Deliverable 2c: Due to lack of resources, uploads to STORET will not occur until the end of this fiscal year. Deliverable #3a: WQD and Waste Programs Division working with ITS on a Business Requirements Document. Funding source yet to be secured. Deliverable #3b: WQD working with vendor and ITS to make required changes to internal and external systems by 2/28/13; unlikely to meet goal due to staffing and projects in ITS. Deliverable #3c: Project on hold; no completion date at this time. Deliverable #4 is on hold; no completion date at this time. Deliverable #5 is off target due to staffing shortages in IT. ADEQ has established a node and has translated all of our data into the WQX schema – see deliverable 2.

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW) PPG [Match}	6.00	28,713
WQFF - AZPDES	2.00	9,485
WQFF	2.00	9,485
WQFF PPG [Match]	4.00	18,200
WQARF	12.00	41,982
PPG	6.00	25,658
TOTAL	32.00	133,523

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GOAL #2: Protecting America's Waters	Program #s 4500: Surface Water Regulation 4900: Drinking Water Regulation		
Objective 2.1 Protect Human Health **Objective 2.2** Protect & Restore Watersheds & Aquatic Ecosystems.			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.5.4	**TASK: WIFA Support** Provide engineering services to WIFA projects and engineering support to Arizona border communities and to delegated counties and cities statewide. **DELIVERABLES:**		
PPG Wellhead	1) Provide engineering services to WIFA: a) Provide project conceptual assessment for communities considering participation with WIFA. Initial site visits with project sponsors for engineering reconnaissance overview and draft feasibility assessment. b) Provide engineering consultation during loan application process (review PFA and due diligence reports) and as needed trough project closeout. c) Participate in consultant procurement including selection and contract negotiations. Provide a "third-party" opinion for consultant reviews. d) Accompany WIFA project managers on construction observations when needed. e) Serve on Planning and Design Grants scoring committee and consult with WIFA Grants coordinator on scope of work development, project progress and deliverables. f) Attend Project Status Team meetings, Tech Team Meetings and RWIC meetings. Serve as a liaison for federal border water and wastewater issues and grants. g) Track project progress and completion, construction outcomes and relate to design standards and regulatory issues.	T = 6/13 **Comments**	SRO
PPG	2) Provide engineering oversight for Mexican border water infrastructure projects; coordination with Mexican local, state and federal authorities: Coordinate with Mexican authorities for participation in Mexican water infrastructure projects that may affect Arizona.	T = 12/12 **Comments**	SRO

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GOAL #2: Protecting America's Waters **Program #s 4500: Surface Water Regulation**
4900: Drinking Water Regulation

Objective 2.1 Protect Human Health
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.5.4	**TASK: WIFA Support (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

1ST QTR – SRO: Del. #1a – Provided technical assistance to Holiday Water. Checked the eligibility of funding for Adonis Mobile Home Park, Marana High School and Tacna Water Company. Performed initial site visits in Bullhead City, Mohave Valley Irrigation District and Lagoon Estates. Reviewed a letter to water systems inviting them to meet with WIFA at the Rural Water Association of Arizona (RWAA) conference. Performed an initial call with the Alhambra DWID to discuss their project and how Arizona's Rural Water Infrastructure Committee (RWIC) may help. **Del. #1b** – Accompanied the WIFA project manager on site visits in Cochise County for initial pre-Board review and met with the WIFA CFO and project manager to discuss eligibility. Met with the owner of Truxton and Cerbat Water companies to discuss applications for various improvements. Helped check compliance status for the San Luis Due Diligence report. Checked Apaloosa Meadows Subdivision Water Company's water storage requirements for loan eligibility and reviewed WIFA letter. Reviewed the Arizona Corporation Commission report for the Sunland Water Company, performed a site visit of their facilities, and graded the distribution and future treatment systems. Attended the August WIFA Board of Director's meeting to support WIFA staff. **Del. #1c** – Reviewed and provided comments on the WIFA brochure to the project manager. Followed up on the Buy American requirements for the consultant on the Willcox and El Mirage projects. Provided a "dynamic well testing" contractor list to the BECC. **Del.#1d** – Accompanied WIFA project managers for site visits in Mohave, Cochise and Santa Cruz Counties. **Del. #1e** – Reviewed, individually scored, and then team scored the WIFA Technical Assistance (TA) clean water and drinking water grant applications for the first FY 2013 cycle. Discussed with Truxton Water Company the items that needed to be complete with the scope of work (SOW). Completed the review of the Park Water TA grant SOW. **Del. #1f**:– Attended project status tracking meetings and technical team meetings as scheduled. Assisted RCAC with energy audits for Bisbee San Jose and Tombstone WWTPs by gathering needed documentation. Attended the EPA-sponsored "Climate Ready Water Utilities Preparing for Extreme Weather Events" workshop for the water sector held in Bisbee. Reviewed two versions and attended the respective meetings for the Small Community Water Infrastructure Exchange's (SCWIE's) Preliminary Engineering Report (PER) Task Force to help work on preliminary engineering guidance, which could be universally accepted and used by most federal and state infrastructure funding agencies. Attended the RWAA conference in Pinetop, Arizona, to staff WIFA's booth and provide technical assistance to many system owners and operators. Provided as-needed technical assistance to the BECC project managers. Attended the meetings, answered technical questions, and reviewed documents for the following projects: 1) EPA/BECC 2009 selected "Tintown Colonia Sanitary Sewer Improvements" project for the city of Bisbee; assisted in organizing the public meeting. 2) EPA/BECC 2010 selected "Bay Acres Colonia Sanitary Sewer and WWTP Improvement" project for the city of Douglas, AZ; provided technical/administrative assistance to staff at the public works dept. and provided technical/operator assistance to the current WWTP operator; helped research issues related to the IBWC-managed Roosevelt Easement. 3) EPA/BECC 2012 selected "Wastewater Treatment Plant Improvements" project for the city of Willcox, AZ. 4) EPA/BECC 2012 selected "Wastewater Collection System Expansion to Sulger Subdivision" project for the city of Sierra Vista, AZ. 5) EPA/BECC 2012 selected "Drinking Water Quality Improvement (Arsenic Removal)" project for the Pomerene DWID in Benson, AZ; Reviewed the BECC scope of work for the project and answered technical permitting questions. **Del. #1g** – Included all training, conferences, and webinars that was either attended or administered by staff. **Del. #2** – Accompanied a plating operator from Nogales, Sonora on a hosted tour of Alcoa Fastening System's industrial pretreatment plant. Met with the new Nogales, Arizona, pretreatment coordinator to offer assistance and provided training videos and manuals. Attended the inauguration ceremony for the Los Alisos WWTP in Nogales, Sonora, and provided the operator with wastewater treatment and industrial pretreatment control manuals. Met with the EPA to discuss the San Pedro River and water/wastewater issues that may have arisen as a result of population growth in centralized areas. **(2ND QTR NEXT PAGE)**

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GOAL #2: Protecting America's Waters **Program #s 4500: Surface Water Regulation**
4900: Drinking Water Regulation

Objective 2.1 Protect Human Health
Objective 2.2 Protect & Restore Watersheds & Aquatic Ecosystems.

TASK/ GRANT	OUTPUT DESCRIPTION	EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL	RESPONSIBLE SECTION/ STAFF
1.5.4	**TASK: WIFA Support (Cont'd)** **DELIVERABLES:**		

OUTPUT REPORT COMMENTS
(Info needed: Actual outputs completed or, if off target, please explain why.)

2ND QTR – SRO: Deliverable #1a: Provided technical assistance to a water system in Tombstone, AZ. Reviewed the Tombstone Wastewater Treatment Plant's energy audit performed by the Rural Community Assistance Corporation and provided verbal feedback. **#1b:** Reviewed miscellaneous documents for the Town of Springerville, Appaloosa Water Company, and City of Prescott Drinking Water and Clean Water loan applications. **#1c:** Reviewed and scored the Request For Qualification applications for the "Drinking Water System Improvements for Arsenic Removal" project in Pomerene, AZ. Reviewed the engineering estimate for the design of the Willcox WWTP improvement project. Attended a pre-application meeting and reviewed/commented on the Tombstone draft arsenic blending plan. Reviewed the Elfrida DWID system evaluation and provided feedback to the Drinking Water Technical Assistance Program. **#1d:** Visited the Valle Verde Water Company in Nogales, AZ and performed Davis-Bacon interviews. Accompanied WIFA project managers for site visits in Pima and Yavapai counties. **#1e:** Reviewed the scope of work and other documents for communities that were approved for drinking water and clean water grants in the first half of the WIFA planning and design grant prioritization process. Reviewed re-submitted documents from the 2nd half of the 2012 grant prioritization process. **#1f:** Attended staff and project status tracking and technical team meetings as scheduled and available. Attended the Rural Water Infrastructure Committee Funding Forum in Phoenix. Was available to staff for technical assistance and attended the October and December WIFA Board Meetings. Reviewed and commented on the last version of the Small Community Water Infrastructure Exchange's (SCWIE's) PER Task Force to help work on preliminary engineering guidance, which could be universally accepted and used by most federal and state infrastructure funding agencies. Provided "as-needed" technical assistance to the BECC project managers. Attended meetings, answered technical questions, and reviewed documents for the following projects: 1) EPA/BECC 2009 selected "Tintown Colonia Sanitary Sewer Improvements" project for the city of Bisbee. This project was certified by the NAD Bank for BEIF on November 8. 2) EPA/BECC 2010 selected "Bay Acres Colonia Sanitary Sewer and WWTP Improvement" project for the city of Douglas, AZ; reviewed the 90% PER, compiled flow data, and reviewed section revisions. 3) EPA/BECC 2012 selected "Wastewater Treatment Plant Improvements" project for the city of Willcox, AZ; attended city council meeting for engineering design consultant approval and also attended an APP pre-application and compliance time frames meeting. 4) EPA/BECC 2012 selected "Wastewater Collection System Expansion to Sulger Subdivision" project for the city of Sierra Vista, AZ. 5) EPA/BECC 2012 selected "Drinking Water Quality Improvement (Arsenic Removal)" project for the Pomerene DWID in Benson, AZ; participated in project consultant selection and provided the WWTP with technical assistance and donated lab equipment. **#1g:** Performed closeout site visits for Metro Water and Mount Lemon DWID, both in Pima County. Answered technical questions from WIFA staff. Advised the city of Douglas on how to perform hydro-static testing of water lines to obtain Approval of Construction permits. **Deliverable #2:** Attended the IBWC Binational Technical Committee meeting on October 18, and helped prepare a meeting summary to document the event.

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GOAL #2: Protecting America's Waters	Program #s 4500: Surface Water Regulation 4900: Drinking Water Regulation		
Objective 2.1 Protect Human Health **Objective 2.2** Protect & Restore Watersheds & Aquatic Ecosystems.			
TASK/ GRANT	**OUTPUT DESCRIPTION**	**EVALUATION, DATE OR QUANTITY T=TARGET A=ACTUAL**	**RESPONSIBLE SECTION/ STAFF**
1.5.4	**TASK: WIFA Support (Cont'd)** **DELIVERABLES:**		

FTE FUNDING SOURCE	MONTHS	AMOUNT
WIFA Fees (CW) PPG [Match}	3.00	14,390
Wellhead	6.00	28,781
PPG SRO	3.00	14,390
TOTAL	12.00	57,561

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