

This is the original annual report for authority: 58-112522.0000

Note created: 3/28/2014

--- The document starts on the next page. ---

# ANNUAL WATER WITHDRAWAL AND USE REPORT

## GROUNDWATER SUMMARY - WQ 2013

### OWNER OF GROUNDWATER RIGHT

USAF PLANT 44 C/O RAYTHEON  
PO BOX 11337 - BLDG 826  
ATTN JOSEPH JOHNSON/ENV. HEALTH & SAFETY  
TUCSON AZ 85734

### TYPE OF RIGHT

TYPE 2 NON-IRRIGATION GFR

### RIGHT / PERMIT NO.

58-112522.0000

### REPORTING PARTY

58-112522.0000

USAF PLANT 44 C/O AECOM TECHNICAL SERVICES, INC (ATS)  
C/O URS CORPORATION, JOHN KIM  
7720 N. 16TH ST., SUITE 100  
PHOENIX AZ 85020



TUCSON AMA (602) 771-8585

LOCATION: NE NE NW 29 15.0S 14.0E

WITHDRAWAL AUTHORITY ALLOTMENT: 721.00 AF

FACILITY NAME:

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 10 Schedule A attached  
Complete this section only if you operate a non-exempt well.

1692

\$ 3.00  
0\*

\$ 0\*

ACRE - FEET X Withdrawal Fee =

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 24 Schedule D attached

0

ACRE - FEET

### PART III WATER RECEIVED FROM OTHER SOURCES

Total from Schedule E attached

0

ACRE - FEET

### PART IV TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

0\*

ACRE - FEET

### PART V LATE FEES

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late  (Maximum of 6)

2) Calculate Late Report Fee   
(\$25.00 X number of months late)

3) Calculate Late Payment Fee   
(10% X number of months late X withdrawal fee calculated in Part I above)

### PART VI WATER QUALITY

From WQARF Worksheet attached

### PART VII TOTAL FEES DUE

Add amounts from Parts I, V and VI

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2014. If hand delivered, the report must be received by the Department's Annual Reports & Planning Section no later than 5:00 PM on March 31, 2014.

REPORTS FILED AFTER MARCH 31, 2014 ARE SUBJECT TO LATE FEES (A.R.S. § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X   
AUTHORIZED SIGNATURE

Project Manager 3/27/14  
TITLE DATE

John S. Kim  
PRINTED NAME

602-648-2523  
TELEPHONE NUMBER

\* Note - No water is used for beneficial purposes and is returned to the aquifer following treatment.

NOTE: THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

# SCHEDULE A

## REPORT OF PUMPING

Owner

USAF PLANT 44 C/O RAYTHEON

1 RIGHT/PERMIT/BMP Farm Unit NO.

58-112522.0000

## ANNUAL REPORT 2013

Note: Pumpage for each well must be shown on the attached well worksheets. Information for up to four wells may be shown on each worksheet.

2 DWR WELL REGISTRATION NO.				3 Depth to Static Water Level (Designated Providers Only)				4 Ground -water Pumped				5 RECOVERED WATER PUMPED				9 Total Water Pumped
10 Q	40 Q	160 Q	LOCATION	Date # 1	Date # 2	Msmt # 1	Msmt # 2	Well Running? (Y/N)	5 CAP	6 SW	7 EFF/ N	8 EFF/ OUT				
55-213046 E-09R				NOT FUNCTIONING												109.46
NW	NE	NE	24 15.0S 13.0E												109.46	
55-508808 E-01				2/20/13 176.04				Y							207.04	
NW	NE	NW	30 15.0S 14.0E												207.04	
55-508809 E-02				2/20/13 93.10				Y							0.00015	
NW	NW	NE	30 15.0S 14.0E												0.00015	
55-513722				NOT PRESENT												
SW	SW	SW	19 15.0S 14.0E													
55-513723				NOT PRESENT												
NW	NW	NE	30 15.0S 14.0E													
55-513724				NOT PRESENT												
NE	NE	NE	30 15.0S 14.0E													
55-514051 E-04				2/20/13 175.01				Y							86.49	
NW	SW	SW	19 15.0S 14.0E												86.49	
55-514052 E-05				2/20/13 149.99				Y							251.95	
NE	NW	SW	19 15.0S 14.0E												251.95	
TOTAL WATER WITHDRAWN (acre-feet)															10* Next Page	11** Next Page

\* ENTER TOTAL ACRE-FEET OF GROUNDWATER WITHDRAWN IN PART I OF THE SUMMARY PAGE.

# SCHEDULE A

## REPORT OF PUMPING

### ANNUAL REPORT 2013

Owner

USAF PLANT 44 C/O RAYTHEON

1 RIGHT/PERMIT/BMP Farm Unit NO.

58-112522.0000

Note: Pumpage for each well must be shown on the attached well worksheets. Information for up to four wells may be shown on each worksheet.

2 DWR WELL REGISTRATION NO.				3 Depth to Static Water Level (Designated Providers Only)			4 Ground-water Pumped				5 RECOVERED WATER PUMPED				9 Total Water Pumped
10 Q	40 Q	160 Q	LOCATION	Date # 1	Mismt # 1	Well Running? (Y/N)	5 CAP	6 SW	7 EFF/IN	8 EFF/OUT	10* Next Page	11** Next Page	11** Next Page	11** Next Page	
			E-06	Meter Not Functioning										98.21	
	SW	SE	NE	24	15.0S	13.0E								98.21	
			E-07	Meter Not Functioning										276.84	
	SE	NW	NW	19	15.0S	14.0E								276.84	
			E-08	Meter Not Functioning										91.81	
	NW	NW	NW	19	15.0S	14.0E								91.81	
			E-23	Meter Not Functioning										209.21	
	SE	NE	NW	30	15.0S	14.0E								209.21	
			E-24	2/20/13	150.01	Y								255.73	
	SE	NH	NW	30	15.0S	14.0E								255.73	
			NOT PUMPED												
	SW	NW	NW	29	15.0S	14.0E									
			E-13	2/20/13	126.85	Y								104.95	
	NW	NW	NW	29	15.0S	14.0E								104.95	
			NOT PUMPED												
	NE	NE	NW	29	15.0S	14.0E									
TOTAL WATER WITHDRAWN (acre-feet)															
												10* Next Page	11** Next Page	11** Next Page	

\* ENTER TOTAL ACRE-FEET OF GROUNDWATER WITHDRAWN IN PART I OF THE SUMMARY PAGE.



# SCHEDULE G-5

ARIZONA DEPARTMENT OF WATER RESOURCES

GENERAL INDUSTRIAL USERS

Facility Name: U.S. Air Force Plant 44

Facility No.: \_\_\_\_\_

## ANNUAL REPORT 2013

Facility Owner: U.S. Air Force

Contact Name: John Kim

Contact Address: URS Corporation  
7720 N. 16th St. Suite 100  
Phoenix, AZ 85020

Contact Phone: 602-648-2523

Rights Used at Facility:	
<u>55-112522-0000</u>	_____
_____	_____
_____	_____
_____	_____

If you received an annual use letter from an irrigation district or municipal provider, please submit a copy of their letter with your 2013 Annual Water Withdrawal and Use Report to validate deliveries received.

*Pursuant to Chapter 6 of the Third Management Plan of your Active Management Area, all general industrial use facilities are required to supply the following information. Please complete one form per general industrial use facility. Instructions are listed on the reverse side of this form.*

### PART 1 - DESCRIPTION OF WATER USES

Please describe the primary purposes for which water from any source, including effluent, is used.

Poor quality groundwater is pumped via extraction wells, treated and returned back into the aquifer as part of the groundwater remediation program of the Tucson International Airport Area Superfund Site in Tucson, AZ. A 100% of amount of water extracted and treat in 2013 was returned to the aquifer. No water is used for beneficial purposes.

### PART 2 - AMOUNTS USED FOR VARIOUS PURPOSES

Please provide metered quantities of water used annually from any source, including effluent, for the following purposes:

Purpose	Amount Metered (AF)	Amount Estimated (AF)	Water Type
Industrial Process Water			
Process Cooling Water			
Process Cleaning Water			
Space Cooling Water			
Landscape Watering			
Other (Please Specify)			

### PART 3 - WASTEWATER PRODUCTION AND USE

Please provide estimated quantities of wastewater generated and recycled.

GENERATED	AF	RECYCLED	AF
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# WORKSHEET W-1 2013

GROUNDWATER RIGHT/PERMIT/ 58-112522.0000  
BMP Farm Unit NO.

1 DWR WELL REGISTRATION NO. 55-213046	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	NW	NE	NE	24	15.0S	13.0E
2 TYPE OF MEASURING DEVICE TOTALIZER		MAKE / MODEL Yokogawa Yewflow				
SIZE		UNITS MEASURED K-Gal				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER		ACCOUNT NO.		POWER METER NO.		
Well E-09R		ENERGY CONSUMPTION *		UNITS		

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
81931	117,599	35,668

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET 109.46	9 BREAKDOWN ESTIMATE 0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET 109.46
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1 DWR WELL REGISTRATION NO. 55-508808	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	NW	NE	NW	30	15.0S	14.0E
2 TYPE OF MEASURING DEVICE TOTALIZER		MAKE / MODEL Yokogawa Yewflow				
SIZE		UNITS MEASURED K-Gal				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER		ACCOUNT NO. 2322-7502-1		POWER METER NO. E1		
Well E-01		ENERGY CONSUMPTION *		UNITS		

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
186355	253,820	67,465

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET 207.04	9 BREAKDOWN ESTIMATE 0
-----------------------	---------------------------

Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET 207.04
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1 DWR WELL REGISTRATION NO. 55-508809	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	NW	NW	NE	30	15.0S	14.0E
2 TYPE OF MEASURING DEVICE TOTALIZER		MAKE / MODEL Yokogawa Yewflow				
SIZE		UNITS MEASURED K-Gal				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER		ACCOUNT NO. 2322-7502-1		POWER METER NO. E2		
Well E-02		ENERGY CONSUMPTION *		UNITS		

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
167234	167,284	50

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET 0.00015	9 BREAKDOWN ESTIMATE 0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET 0.00015
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1 DWR WELL REGISTRATION NO. 55-513722	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	SW	SW	SW	19	15.0S	14.0E
2 TYPE OF MEASURING DEVICE TOTALIZER		MAKE / MODEL				
SIZE		UNITS MEASURED				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER		ACCOUNT NO. 2322-7502-1		POWER METER NO. EL-4		
		ENERGY CONSUMPTION		UNITS		

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	9 BREAKDOWN ESTIMATE
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET
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\* Note: Meters serve multiple purposes.

# WORKSHEET W-1 2013

GROUNDWATER RIGHT/PERMIT/ **58-112522.0000**  
BMP Farm Unit NO.

1 DWR WELL REGISTRATION NO. 55-513723	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	NW	NW	NE	30	15.0S	14.0E
2 TYPE OF MEASURING DEVICE TOTALIZER		MAKE / MODEL				
SIZE		UNITS MEASURED				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER	ACCOUNT NO. 2322-7502-1	POWER METER NO. EL-3				
ENERGY CONSUMPTION		UNITS				

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
Enter total Acre-feet Shown in 10 in Column 13 of Schedule A		10 TOTAL IN ACRE-FEET	

1 DWR WELL REGISTRATION NO. 55-513724	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	NE	NE	NE	30	15.0S	14.0E
2 TYPE OF MEASURING DEVICE TOTALIZER		MAKE / MODEL				
SIZE		UNITS MEASURED				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER	ACCOUNT NO. 2322-7502-1	POWER METER NO. EL-2				
ENERGY CONSUMPTION		UNITS				

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
Enter total Acre-feet Shown in 10 in Column 13 of Schedule A		10 TOTAL IN ACRE-FEET	

1 DWR WELL REGISTRATION NO. 55-514051	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	NW	SW	SW	19	15.0S	14.0E
2 TYPE OF MEASURING DEVICE TOTALIZER		MAKE / MODEL Yokogawa Yewflow				
SIZE		UNITS MEASURED K-Gal				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER	ACCOUNT NO. 2322-7502-1	POWER METER NO. E-4				
Well E-04		ENERGY CONSUMPTION		UNITS		
		*				

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
57836	86,020	28,184

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	86.49	9 BREAKDOWN ESTIMATE	0
Enter total Acre-feet Shown in 10 in Column 13 of Schedule A		10 TOTAL IN ACRE-FEET	86.49

1 DWR WELL REGISTRATION NO. 55-514052	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	NE	NW	SW	19	15.0S	14.0E
2 TYPE OF MEASURING DEVICE NO MEASURING DEVICE SPECIFI		MAKE / MODEL Yokogawa Yewflow				
SIZE		UNITS MEASURED K-Gal				
INSTALLATION OR OVERHAUL DATE						
3 POWER CO. NAME TUCSON ELECTRIC POWER	ACCOUNT NO. 2322-7502-1	POWER METER NO. E-5				
Well E-05		ENERGY CONSUMPTION		UNITS		
		*				

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No  
ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
242305	324,402	82,097

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	251.95	9 BREAKDOWN ESTIMATE	0
Enter total Acre-feet Shown in 10 in Column 13 of Schedule A		10 TOTAL IN ACRE-FEET	251.95

\* Note: Meters serve multiple purposes.

# WORKSHEET W-1 2013

GROUNDWATER RIGHT/PERMIT/ **58-112522.0000**  
BMP Farm Unit NO.

1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-514053	SW	SE	NE	24	15.0S	13.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	TOTALIZER	Yokogawa Yewflow					
	SIZE	UNITS MEASURED K-Gal					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	TUCSON ELECTRIC POWER	2322-7502-1	E-6				
Well E-06		ENERGY CONSUMPTION	UNITS				
		*					

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
60483	92,486	32,003

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	98.21	9 BREAKDOWN ESTIMATE	0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	98.21
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1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-514054	SE	NW	NW	19	15.0S	14.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	TOTALIZER	Yokogawa Yewflow					
	SIZE	UNITS MEASURED K-Gal					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	TUCSON ELECTRIC POWER	2322-7502-1	E-7				
Well E-07		ENERGY CONSUMPTION	UNITS				
		*					

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
189803	280,013	90,210

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	276.84	9 BREAKDOWN ESTIMATE	0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	276.84
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1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-514055	NW	NW	NW	19	15.0S	14.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	TOTALIZER	Yokogawa Yewflow					
	SIZE	UNITS MEASURED K-Gal					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	TUCSON ELECTRIC POWER	2322-7502-1	E-8				
Well E-08		ENERGY CONSUMPTION	UNITS				
		*					

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
208967	238,885	29,918

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	91.81	9 BREAKDOWN ESTIMATE	0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	91.81
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1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-544482	SE	NE	NW	30	15.0S	14.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	NO MEASURING DEVICE SPECIFI	Yokogawa Yewflow					
	SIZE	UNITS MEASURED K-Gal					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	TUCSON ELECTRIC POWER	2322-7502-1	E-23				
Well E-23		ENERGY CONSUMPTION	UNITS				
		*					

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
172558	240,729	68,171

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	209.21	9 BREAKDOWN ESTIMATE	0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	209.21
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\* Note: Meters serve multiple purposes.

# WORKSHEET W-1 2013

GROUNDWATER RIGHT/PERMIT/ **58-112522.0000**  
BMP Farm Unit NO.

1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-544682	SE NW	NE NW	NW	30	15.0S	14.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	NO MEASURING DEVICE SPECIFIED	Yokogawa Yewflow					
	SIZE	UNITS MEASURED K-Gal					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	Well E-24	2322-7502-1	E_24				
ENERGY CONSUMPTION				UNITS			
*							

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
194934	278,267	83,333

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	255.73	9 BREAKDOWN ESTIMATE	0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	255.73
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1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-579716	SW	NW	NW	29	15.0S	14.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	TOTALIZER						
	SIZE	UNITS MEASURED					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	TUCSON ELECTRIC POWER						
ENERGY CONSUMPTION				UNITS			

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
-------------	--	----------------------	--

Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	
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1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-626126	NW	NW	NW	29	15.0S	14.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	TOTALIZER	Yokogawa Yewflow					
	SIZE	UNITS MEASURED K-Gal					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	TUCSON ELECTRIC POWER	2322-7502-1	E13				
ENERGY CONSUMPTION				UNITS			
*							

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE
127445	161,643	34,198

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET	104.95	9 BREAKDOWN ESTIMATE	0
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Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	104.95
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1	DWR WELL REGISTRATION NO.	10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	55-626127	NE	NE	NW	29	15.0S	14.0E
2	TYPE OF MEASURING DEVICE	MAKE / MODEL					
	TOTALIZER						
	SIZE	UNITS MEASURED					
INSTALLATION OR OVERHAUL DATE							
3	POWER CO. NAME	ACCOUNT NO.	POWER METER NO.				
	TUCSON ELECTRIC POWER	2322-7502-1					
ENERGY CONSUMPTION				UNITS			

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
-------------	--	----------------------	--

Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	
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\* Note: Meters serve multiple purposes.

# WORKSHEET W-1 2013

GROUNDWATER RIGHT/PERMIT/ **58-112522.0000**  
BMP Farm Unit NO.

1 DWR WELL REGISTRATION NO. 55-626128	10	40	160	LOCATION		
	Q	Q	Q	Sec	TwN	Rng
	SE	SE	NW	29	15.0S	14.0E

2 TYPE OF MEASURING DEVICE TOTALIZER	MAKE / MODEL	
SIZE	UNITS MEASURED	
INSTALLATION OR OVERHAUL DATE		

3 POWER CO. NAME	ACCOUNT NO. 2322-7502-1	POWER METER NO.
------------------	----------------------------	-----------------

ENERGY CONSUMPTION	UNITS
--------------------	-------

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
-------------	--	----------------------	--

Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	
-----------------------	--

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	TwN	Rng

2 TYPE OF MEASURING DEVICE	MAKE / MODEL	
SIZE	UNITS MEASURED	
INSTALLATION OR OVERHAUL DATE		

3 POWER CO. NAME	ACCOUNT NO.	POWER METER NO.
------------------	-------------	-----------------

ENERGY CONSUMPTION	UNITS
--------------------	-------

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
-------------	--	----------------------	--

Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	
-----------------------	--

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	TwN	Rng

2 TYPE OF MEASURING DEVICE	MAKE / MODEL	
SIZE	UNITS MEASURED	
INSTALLATION OR OVERHAUL DATE		

3 POWER CO. NAME	ACCOUNT NO.	POWER METER NO.
------------------	-------------	-----------------

ENERGY CONSUMPTION	UNITS
--------------------	-------

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
-------------	--	----------------------	--

Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	
-----------------------	--

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	TwN	Rng

2 TYPE OF MEASURING DEVICE	MAKE / MODEL	
SIZE	UNITS MEASURED	
INSTALLATION OR OVERHAUL DATE		

3 POWER CO. NAME	ACCOUNT NO.	POWER METER NO.
------------------	-------------	-----------------

ENERGY CONSUMPTION	UNITS
--------------------	-------

4 DOES ENERGY METER SERVE USES OTHER THAN THE WELL PUMP ?  Yes  No

ENTER "Y" OR "N" IN COLUMN 5 OF SCHEDULE A

WATER TOTALIZING METER READINGS		
5 INITIAL	6 ENDING	7 DIFFERENCE

IF METER WAS REPLACED DURING THE YEAR, INDICATE BEGINNING AND ENDING READING FOR EACH METER IN THE BOXES ABOVE.

8 ACRE FEET		9 BREAKDOWN ESTIMATE	
-------------	--	----------------------	--

Enter total Acre-feet  
Shown in **10** in Column **13** of Schedule A

10 TOTAL IN ACRE-FEET	
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# WQARF WORKSHEET

WATER QUALITY ASSURANCE  
REVOLVING FUND

## ANNUAL REPORT 2013

**OWNER**

USAF PLANT 44 C/O RAYTHEON

**RIGHT/PERMIT NUMBER**

58-112522.0000



WORKSHEET FOR DETERMINING WHICH GROUNDWATER WITHDRAWALS ARE SUBJECT TO PAYMENT OF WATER QUALITY ASSURANCE REVOLVING FUND (WQARF) FEES AND FOR CALCULATION OF FEES DUE

**TO CALCULATE WQARF FEES OWED:**

- Enter in Box A the total groundwater withdrawn pursuant to this right/permit, as reported on Part I of the Annual Water Withdrawal and Use Report Summary page

A.   
Acre-Feet

- Calculate groundwater withdrawn pursuant to this right/permit that is NOT subject to the WQARF fee as follows:

- Enter in Box 1 the amount of groundwater (if any) withdrawn by a city, town, private water company, or county improvement district.

**Box 1**  
Acre-Feet

Note: Groundwater withdrawn by a city, town, private water company, or county improvement district and delivered to customers for use and not for resale is subject to a tax on potable water imposed by A.R.S. § 42-5302.

- Enter in Box 2 the amount of groundwater (if any) withdrawn pursuant to a withdrawal permit but **not** put to a beneficial use (e.g. pumped from well directly into a riverbed or sewer, etc.)

**Box 2**  
Acre-Feet

- Enter in Box 3 the amount of groundwater (if any) withdrawn and used within the Buckeye waterlogged area pursuant to a drainage water withdrawal permit.

**Box 3**  
Acre-Feet

- Add the total of amounts entered in Boxes 1 + 2 + 3 above; this total is the amount of groundwater exempted from WQARF fee. Enter this amount in Box B.

B.   
Acre-Feet

- Calculate the amount of groundwater that is subject to WQARF fee, and for which WQARF fees are owed:

- Total WQARF fees owed: Box A - Box B =

**Box C** X \$2.12 =   
(Acre-feet on which WQARF fees apply) WQARF Fees owed

Transfer the amount of WQARF fees to Part VI of the Summary Page.

Note: WQARF fees MUST BE REPORTED AND PAID at the time the Annual Water Withdrawal and Use Report is filed and the withdrawal fees paid, but NOT LATER THAN MARCH 31, 2014.



7720 North 16<sup>th</sup> Street, Suite 100  
Phoenix, Arizona 85020  
Telephone: (602) 371-1100  
Fax: (602) 371-1615

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## ***LETTER OF TRANSMITTAL***

**TO:** Arizona Department of Water Resources  
3550 North Central Avenue.  
Phoenix, AZ 85012

**DATE:** March 27, 2013

**SUBJECT:** Transmittal of 2013 Annual Water Withdrawal and Use Report, U.S. Air Force Plant 44, Tucson, Arizona (Permit No. 58-112522.0000)

**REFERENCE:** 23446331

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**Attached is:** 2013 Annual Water Withdrawal and Use Report for U.S. Air Force Plant 44 (AFP44)

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**For:**  Review and Approval  
 Signature and Return  
 Appropriate Action  
 As Requested  
 For Your Records

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**Remarks:**

Dear Sir or Madam,

URS Corporation, on behalf of the US Air Force, is submitting the 2013 Annual Water Withdrawal and Use Report for the Type 2 Non-Irrigation Right No. 58-112522.0000. All of the groundwater pumpage at AFP44 is associated with the Tucson International Airport Area Superfund aquifer restoration project.

If you have any questions or need additional information, please do not hesitate to contact me at 602-648-2523 or email me at [john.kim@urs.com](mailto:john.kim@urs.com).

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Sincerely,  
**URS Corporation**

John Kim  
Sr. Project Manager