

Analysis of Repealing WATERBUD (WTCRBUD)



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Water That Cannot Reasonably Be Used Directly

Statute A.R.S. 45-852.01 (B)(1) and its supporting definition under A.R.S. 45-802.01 (22)(a), commonly referred to as WATERBUD (or sometimes, WTCRBUD), state that CAP water stored pursuant to a water storage permit may be credited to a long term storage account *only* if the water cannot reasonably Be Used Directly.

Data Used

1. List of entities holding CAP subcontracts
 - Designated or undesignated if a municipal provider
 - Subcontract volumes
 - 2011 deliveries of CAP
2. List of entities pumping groundwater in the same year (2011) derived from ADWR reported well use data
3. List of applicants (and their requests) for phase 1 reallocation of NIA water

Data Used

ADWR Provider Type	CAP Customer Type	Customer Name	CAP Contract Volume	2011 CAP Deliveries	2011 Groundwater Pumpage*	Notes
Undesignated	M&I Subcontractor	Arizona WC, Casa Grande	8,884	1,503	-	
Undesignated	M&I Subcontractor	Arizona WC, Coolidge	2,000	-	15	
Undesignated	M&I Subcontractor	Arizona WC, Superstition System	6,285	3,302	8,209	
Undesignated	M&I Subcontractor	Arizona WC, White Tank	968	-	1,219	
Non-Municipal	M&I Subcontractor	ASARCO - Ray Mine	21,000	-	893	**Outside AMA. Exclude?
Non-Municipal	M&I Subcontractor	ASLD	32,076	-	5	Pumping likely >30,000 AF
Undesignated	M&I Subcontractor	Avra Water Co-op	808	-	927	
Undesignated	M&I Subcontractor	Buckeye	25	-	3,959	
Undesignated	M&I Subcontractor	Carefree WC	1,300	479	491	
Undesignated	M&I Subcontractor	Cave Creek	2,606	2,022	65	
Undesignated	M&I Subcontractor	Chandler Heights Citrus ID	315	-	2,829	
Undesignated	M&I Subcontractor	Circle City WC	3,932	-	51	
Undesignated	M&I Subcontractor	CWGV	2,858	-	2,512	
Undesignated	M&I Subcontractor	EPCOR, Agua Fria	11,093	9,174		
Undesignated	M&I Subcontractor	EPCOR, Paradise Valley	3,231	3,231		
Undesignated	M&I Subcontractor	EPCOR, Sun City	4,189	4,189	9,253	
Undesignated	M&I Subcontractor	EPCOR, Sun City West	2,372	2,372	2,792	
Undesignated	M&I Subcontractor	Green Valley DWID	1,900	525	2,293	
Undesignated	M&I Subcontractor	H2O, Inc.	147	147	4,249	
Non-Municipal	M&I Subcontractor	Maricopa County Parks & Rec.	665	644	1,288	
Non-Municipal	M&I Subcontractor	Phelps Dodge	2,906	-	23,848	
Undesignated	M&I Subcontractor	Queen Creek	348	348	8,268	
Undesignated	M&I Subcontractor	Rio Verde Utilities Co.	812	204	2,827	
Non-Municipal	M&I Subcontractor	San Tan ID	236	-	2,507	
Undesignated	M&I Subcontractor	Tonto Hills DWID	71	34		
Undesignated	M&I Subcontractor	Valencia Water Co.	43	-	2,309	
Undesignated	M&I Subcontractor	WUGT	64	-	124	
			111,134	28,174	80,933	

* Note: Groundwater Pumpage data from 2011 ADWR Well Specific Pumpage data available online; downloaded March 2013

Number of GW Rights exercised in 2011	
Phx AMA	1,439
Pinal AMA	847
Tucson AMA	709
	2,995

Results of Analysis

- Will increase the number of CAP subcontract holders eligible to earn LTSCs by 27 (most of which are undesignated providers, the others include ASLD and the mines)
- Will increase the volume of CAP entitlement water eligible to earn LTSCs by approximately 83,000 to 104,000 AF (low end) or 83,000 to 111,000 AF (high end) depending on the NIA reallocation determination

Results of Analysis

- Will increase the marketing of new and existing credits by increasing the number of entities eligible to buy CAP LTSCs (2,995 GFRs exercised in 2011)
- Will likely reduce the supply of excess CAP water due to higher subcontract utilization, which will decrease the amount of water available to the AWBA, USBR and CAGRD
- Greater use of CAP subcontracts would result in earlier and more extensive recovery of ABWA credits



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