

Acceptable Documentation of Need by Type of Need Code					
Code	Need Type	New	Replacement	Rehabilitation	
SOURCE					
R1	Well	Weight of evidence (*) - Substantial portion not for growth - Specific deficiency discussed	Weight of evidence (*) - Age, condition, history - Specific deficiency discussed	Weight of evidence (*) - Age, condition, history	
R10	Spring Collector				
R2	Well Pump	Weight of evidence (*) - Substantial portion not for growth - Specific deficiency discussed	All forms of documentation accepted		
R8	Raw Water Pump				
R6	Aquifer Storage and Recovery Well	Weight of evidence (*) - Independent Documentation Required - Substantial portion not for growth - Specific deficiency discussed	Weight of evidence (*) - Age, condition, history - Specific deficiency discussed	Weight of evidence (*) - Age, condition, history	
R7	Surface Water Intake				
R9	Off-Stream Raw Water Storage	Weight of evidence (*) - Independent Documentation Required - Specific deficiency discussed - Cost estimate required	All forms of documentation accepted (cost estimate required) (* Did the project start?)		
TREATMENT COMPONENTS					
T1 – T9	Disinfection	All forms of documentation accepted			
T30 – T44	Treatment components	Weight of evidence (*) - Independent Documentation Required - Specific deficiency discussed - Not for new/recent regulation	N/A		
T45	Treatment Unknown		All forms of documentation accepted (cost estimate required)		
T46	Other				
COMPLETE TREATMENT PLANTS					
Code	Need type	New	Expansion or Upgrade	Replacement	Rehabilitation
T10 – T24	Complete Treatment Plants	Weight of evidence (*) - Independent Documentation Required - Substantial portion not for growth - Specific deficiency discussed			All forms of documentation accepted
PUMPING					
Code	Need Type	New	Replacement	Rehabilitation	
P1	Finished Water Pump	Weight of evidence (*) - Substantial portion not for growth - Specific deficiency discussed	All forms of documentation accepted		
P2	Pump Station	Weight of evidence (*) - Independent Documentation Required - Substantial portion not for growth or fire - Specific deficiency discussed	Weight of evidence (*) - Age, condition, history of pump station or system	All forms of documentation accepted	

(*) Indicates projects accepted for the 2011 DWINSA must have project-specific validation for the 2015 DWINSA. Projects without an (*) that are not changed from the 2011 survey can be documented by simple statement that the project is still needed and is within the same scope as submitted for the 2011 DWINSA. If you changed information, please provide a short explanation.

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Code	Need Type	New	Replacement	Rehabilitation
PIPE				
X1	Raw Water Transmission	Weight of evidence (*) - Independent Documentation Required - Substantial portion not for growth - Specific deficiency discussed	All forms of documentation accepted within 10% limit (*) Independent documentation required over 10% limit (*)	
X2	Finished Water Transmission		If any project relies on survey-generated documentation, the total system-wide rehab and replacement rate may not exceed 10% for the 20-year period.	
M1	Distribution Mains			
M2	Lead Service Lines	N/A	All forms of documentation accepted (* Update the number needed)	N/A
M3	Service Lines	All forms of documentation accepted (*) (statement of system's responsibility required if for service lines between the curb stop and the building; statement that not included in pipe projects if from pipe to the curb stop.)		
M7	Backflow Prevention	Weight of evidence if significant amount of new backflow or replacing over 10% of service lines (*)		
M8	Water Meters	Weight of evidence if more than one meter per connection All forms of documentation accepted if ≤ 1 meter per connection		
M5	Valves	Weight of evidence (*) - Clear indication not included in pipe - Specific deficiency and history of replacement if over 10% of existing or significant amount of new	(Rehabilitation not allowed – considered O&M)	
M6	Control Valves	All forms of documentation accepted		
FINISHED / TREATED WATER STORAGE				
S1	Elevated Storage	Weight of evidence (*) - Independent Documentation Required - Substantial portion not for growth/fire - Specific deficiency discussed	Weight of evidence (*) - Age, condition, history of tank - Specific deficiency discussed	All forms of documentation accepted
S2	Ground-level Storage			
S3	Hydropneumatic Storage	Weight of evidence (*) - Substantial portion not for growth - Specific deficiency discussed	All forms of documentation accepted	
S5	Cover for Existing Finished / Treated Water Storage	All forms of documentation accepted (includes rehab of the tank) (* Did the project start?)		
OTHER				
W2	SCADA	All forms of documentation accepted		
W4	Emergency Power	Weight of evidence (*) - Clear indication of need (necessary to operate critical infrastructure to maintain pressure and provide water)	All forms of documentation accepted	(Rehabilitation not allowed – considered O&M)
W10	Other	Case-by-case basis (Cost required)		

Type of Need codes not applicable to the 2015 DWINSA but used in the 2011 State DWINSA: R3 Well House, R4 Eliminate Well Pit, R5 Abandon Well, R11 Destratification, M4 Hydrants, W1 Laboratory Capital Costs, W3 Pump Controls/Telemetry, W5-W9 Fencing and Security-related codes.

Codes R99, S99, T99, and M99 may be added by EPA to assign a category of need. They are in some 2011 DWINSA projects but do not affect cost or allowability of the project.