

# PWS GREEN PROJECT RESERVE

**TARGET: \$15,907,600**

Funded Projects Through January 22, 2010

Loan				Project	ARRA	ARRA	Percent	Comments/
Recipient	L17	PM	Project Description	Funding	Funding	GPR	Green	Decisions
Abingdon	3240	RK	Meter replacement/hydrant replacement	\$250,000	\$125,000	\$125,000	100%	Business case per A.9 of 6/22/09 guidance
Altamont	3439	ES	Paralell H2O Main & H2O extension	\$282,364	\$141,182	\$14,118	10%	Business case provided for minor water efficiency savings
Beardstown	2563	CN	New and some replacement automated read water meters	\$3,000,000	\$1,500,000	\$1,500,000	100%	Water savings, new automated meters, energy efficiency
Buffalo-Mechanicsbu	2821	CN	WTP Improvements	\$1,039,458	\$519,729	\$519,729	100%	Business case - energy efficiency, water savings
Channahon	3506	BJ	New storage, pump station, watermain	\$1,804,270	\$902,135	\$63,149	7%	Over 20% pump efficiency improvements = categorically green, energy savings and water savings
Chicago	3770	HA	Watermain replacement	\$12,102,934	\$6,051,467	\$6,051,467	100%	Business case - daily water loss estimated at 45.5 MGD reduced by more than 8%, or approximately 4.0 MGD
Clarendon Hills	3573	DB	Watermain Replacement	\$2,129,190	\$1,064,595	\$1,064,595	100%	11.1% loss through current piping is being replaced. 2.4 MG per year savings.
Dixon	2681	RV	New WTP and wells	\$4,134,201	\$2,067,101	\$2,067,101	100%	Radium reduction, highest efficiency pumps, air/water backwash system to reduce energy use.
Eldorado	3390	DB	Watermain replacement	\$398,955	\$199,478	\$199,478	100%	Leaking lines estimated to leak 15% - water savings - business case
Frankfort	3468	CR	New storage tank, watermain, meters	\$2,686,492	\$1,343,246	\$658,190	49%	Business case for watermain replacement and water meter poritons of project
Grafton	2778	MB	Watermain extensions - eliminating/phase out of WTP	\$1,407,363	\$703,682	\$703,682	100%	Energy efficiency, water savings, consolidation/elimination of WTP - categorical
Ipava	2464	RK	Watermain replacement/looping	\$350,223	\$175,112	\$175,112	100%	Business case - 82% of water loss eliminated, water savings
Liberty Ledford	2097	DB	Watermain replacement	\$250,000	\$125,000	\$125,000	100%	Business case - 30% water loss in old system, water savings
Marion	4551	MB	Interconnect with Rend Lake WC	\$571,381	\$285,691	\$285,691	100%	Water savings, consolidation of smaller system and elimination of WTP, energy savings
Mascoutah	2913	CN	Watermain replacement	\$736,455	\$368,228	\$368,228	100%	Remote read meters and main replacement due to breaks causing water loss.
New Haven	2869	BJ	Watermain replacement	\$176,025	\$88,013	\$88,013	100%	Business case provided per A. 7 of the 6/22/09 Guidance Doc.
Pittsfield	3617	HA	New raw main, trans main and booster station	\$9,326,022	\$4,663,011	\$2,331,506	50%	Mains leak 28%, VFD's, and highest efficiency pumps available
Plano	3210	HA	Well House relocation	\$867,927	\$433,964	\$216,982	50%	Business case provided energy efficiency and water savings for portion of project
Red Bud	3191	BJ	WTP Upgrade	\$375,000	\$187,500	\$187,500	100%	Business case - energy efficiency and water savings
Rend Lake Cons	3236	MB	Watermain interconnect w/ Marion, booster station, etc.	\$1,728,647	\$864,324	\$864,324	100%	Water savings, consolidation of smaller system and elimination of WTP, energy savings

Springfield	3756	BJ	Water accountability improvements and metering replacements	\$666,014	\$333,007	\$333,007	100%	Business case provided for portions of project, energy efficiency, automated meters, water savings
Villa Park	3720	RV	Watermain replacement	\$2,164,757	\$1,082,379	\$1,082,379	100%	Water efficiency saving 73,000 gallons per year
Wauconda	2739	HA	New well and WTP	\$1,473,057	\$736,529	\$736,529	100%	Categorically green per guidance B.2 20% increase in energy efficiency
Winchester	2771	ES	New WTP and New Well	\$2,987,564	\$1,493,782	\$298,756	20%	Business case - energy efficiency and water savings

**TOTAL**

**\$20,059,533**