

Submitted at 8/22/2011
 Committee meeting
 Item 2

MPWMD WATER CONSERVATION BUDGET REQUESTS 2012-2014						
	2012	2013	2014	New BMP	Rebate	Notes
Rebates						
High Efficiency Dishwasher	2,500.00	2,500.00	2,500.00	3, 4	125.00	20 High Efficiency dishwashers per year. 5.8 gpc and Energy Star.
CII Water Efficient Dishwasher	10,000.00	10,000.00	10,000.00	4.00	500.00	To be added in 2010 and based on gallons per rack
High Efficiency Toilets (HET)	150,000.00	100,000.00	0.00	3, 4	200.00	If no credit there will be more incentive to received rebate until 2013 when they are required in CII and 75% of available replacement fixtures are HET. Ordinance to be modified in 2010. Plan for 750 HET in 2012/ and 500 in 2013. Required in 2014
Residential High Efficiency Clothes Washer (HECW)	187,500.00	125,000.00	0.00	3, 4	250.00	If no credit there will be more incentive to received rebate until 2013 when they are required in CII and only available replacement fixtures are HET. Ordinance to be modified in 2010. Plan for 750 HECW in 2012, 500 in 2013 and 250 in 2014. CII retrofit
CII HECW (including common laundry rooms)	112,500.00	0.00	0.00	4.00	450.00	Water Factor <=5.0. Plan for 250 CII HECW in 2012. Required in 2013
IAHWs and on-demand systems	5,000.00	5,000.00	5,000.00	3, 4	200.00	Also \$100 for single component on system with Multi-components, limit 2. Estimate 50 per year
Zero Water Urinals	15,000.00	15,000.00	15,000.00	4.00	300.00	In appropriate settings. Estimate 50 per year
High Efficiency Urinals (0.5 gpf)	60,000.00	20,000.00	0.00	4.00	200.00	Required for Visitor Serving CII by 2013; state requirement in 2014. Estimate: 300 units in 2012, 100 units in 2013
Pint Urinals	60,000.00	30,000.00	0.00	4.00	300.00	To be increased from \$250 to \$300 in 2010. Estimate: 200 units in 2012, 100 in 2013
Rainwater storage	80,000.00	80,000.00	80,000.00	5.00	25.00	Increase storage to 30,000 (approx .1 AFA). Rebate is \$25 per 100 gallons. Goal: 1 AF per year
Smart Controllers	7,500.00	7,500.00	7,500.00	5.00	300.00	\$100 for Up to 4 stations, Plus \$10/station up to 20 Goal: 25 Smart Controllers annually
Rain Sensors	1,250.00	1,250.00	1,250.00	5.00	25.00	Current Change of Title/New construction requirement. Goal: 50 per year
Soil Moisture Sensors	1,250.00	1,250.00	1,250.00	5.00	25.00	Goal: 50 per year

Lawn Removal & Replacement with Drought Tolerant or Permeable Landscape (aka Cash for Grass)	136,125.00	136,125.00	136,125.00	5.00	1.25	Up to 2,000 sf (to be modified) -- DEED RESTRICTED for 15 years. Goal: Reduce lawn area by 2.5 acres per year- \$2500 per AF
Synthetic Turf	50,000.00	50,000.00	50,000.00	3, 4, 5	2.00	Up to 2,000 sf -- DEED RESTRICTED for 15 years Estimate: 25,000 sf/yr
X-Ray recirculation	20,000.00	20,000.00	20,000.00	4.00	2,000.00	The average processor uses 788,400 gallons of water per year. With this recirculation system, reduction to 13,530 gallons per year, which lowers water and sewage costs. Goal: 20 per year
Cooling tower conductivity controller	5,000.00	5,000.00	5,000.00	4.00	1,000.00	Split between pH controller and this. Goal: 5 per year
pH controllers	9,500.00	9,500.00	9,500.00	4.00	1,900.00	To be added in 2010. Split between conductivity controller. Goal: 5 per year
Pool covers	5,000.00	5,000.00	5,000.00	3, 4	200.00	To be added in 2010. \$50 or 50 percent off the purchase price of a pool cover, which ever is less or \$200 or 50 percent off the purchase of a permanent, mechanical pool cover. Estimate: 10 per year
Steam sterilizer	20,000.00	20,000.00	20,000.00	4.00	2,000.00	Most steam sterilizers waste gallons of water by using continuous cold water to temper the steam condensate. The Steam Sterilizer retrofit monitors the drain temperature and applies cold water only when needed, resulting in tremendous water savings. In fa
Steam oven (Combi)	15,000.00	15,000.00	15,000.00	4.00	1,500.00	Estimated savings 0.4 AFA/10 yr = 4 AF. Misting oven. Max 15 gph (To be added in 2010). Goal: 10 per year
Boilerless/connectionless food steamers	10,000.00	10,000.00	10,000.00	4.00	500.00	Based on data from a study done by the Food Service Technology Center, the connectionless steamers save an average of 81,500 gallons per year with an estimated 10-year life. Rebates are available for qualifying connectionless food steamers, with more than
Water Efficient Ice Machine	40,000.00	10,000.00	10,000.00		400.00	CEE Tier II or III. Goal: 100 in 2012 and 25 per year after. Required for Visitor Serving in 2013

