

Conservation Measures (BMPs)

	Sector	Name of Measure	Application	Type	Notes
1	Agriculture	Drip/Micro-Irrigation System	Outdoor	Hardware	
2	Agriculture	Gated and Flexible Pipe for Field Water Distribution Systems	Outdoor	Hardware	
3	Agriculture	Linear Move Sprinkler Irrigation Systems	Outdoor	Hardware	
4	Agriculture	Lining of Irrigation Canals and On-Farm Irrigation Ditches	Outdoor	Hardware	Decrease conveyance losses
5	Agriculture	Low Pressure Center Pivot Sprinkler Irrigation Systems	Outdoor	Hardware	
6	Agriculture	Rain Sensor Shut-off Device	Outdoor	Hardware	
7	Agriculture	Smart Irrigation Controller	Outdoor	Hardware	On-site sensor or signal based
8	Agriculture	Replacement of Irrigation and Lateral Canals with Pipelines	Outdoor	Hardware	Decrease conveyance losses
9	Agriculture	Replacement of On-Farm Irrigation Ditches with Pipelines	Outdoor	Hardware	Decrease conveyance losses
10	Agriculture	Soil Moisture Shut-off Device	Outdoor	Hardware	
11	Agriculture	Tailwater Recovery and Reuse System	Outdoor	Hardware	
12	Agriculture	Water table observation wells	Outdoor	Hardware	
13	Agriculture	Install water control structures	Outdoor	Hardware	
14	Agriculture	Install wind blocks to decrease ET	Outdoor	Hardware	
15	Agriculture	Install shade control structures to decrease ET	Outdoor	Hardware	
16	Agriculture	Alternative frost/freeze methods	Outdoor	Hardware	foam, cover cloth, wind turbines
17	Agriculture	Brush Control/Management	Outdoor	Practice	Decrease ET by removing unwanted brush
18	Agriculture	Contour Farming	Outdoor	Practice	for moderately sloping land, plantings follow land contour
19	Agriculture	Conversion of Supplemental Irrigated Farmland to Dry-Land Farmland	Outdoor	Practice	plant a crop that can survive on rainfall alone
20	Agriculture	Furrow Dikes	Outdoor	Practice	small earthen dams between furrow ridges to increase infiltration
21	Agriculture	Irrigation scheduling	Outdoor	Practice	
22	Agriculture	Land Leveling	Outdoor	Practice	increase irrigation uniformity and decrease run-off
23	Agriculture	Nursery Production Systems	Outdoor	Practice	practices for greenhouses specifically
24	Agriculture	Routine System Maintenance	Outdoor	Practice	fix and repair leaks and inefficient hardware
25	Agriculture	Surge Flow Irrigation for Field Water Distribution Systems	Outdoor	Practice	depends on soil type, may reduce or increase runoff
26	Agriculture	Volumetric Measurement of Irrigation Water Use	Outdoor	Practice	
27	Agriculture	Soil amendments to increase water holding capacity	Outdoor	Practice	
28	Agriculture	Crop Residue Management and Conservation Tillage	Outdoor	Program	
29	Agriculture	Irrigation system evaluation (or survey)	Outdoor	Program	
30	Agriculture	Net Irrigation Requirement Based Irrigation Audit	Outdoor	Program	
31	Agriculture	Water Budgeting	Outdoor	Program	
33	Golf	Smart Irrigation Controller	Outdoor	Hardware	
34	Golf	Soil Moisture Sensor Shut-off Device	Outdoor	Hardware	
35	Golf	Use of efficient irrigation nozzels and heads	Outdoor	Hardware	
36	Golf	Install water meters in critical locations throughout the irrigation system	Outdoor	Hardware	
37	Golf	Use isolation valves before all main lines and major laterals	Outdoor	Hardware	
38	Golf	Water conservation employee education	Outdoor	Practice	Includes sub-measures
39	Golf	Improved maintenance of turf	Outdoor	Practice	thatching, aerating, over seeding, top-dressing, etc.
40	Golf	Use of improved cultivars of drought/salt tolerant turfgrass	Outdoor	Practice	
41	Golf	Rain Sensor Shut-off Device	Outdoor	Practice	
42	Golf	No irrigation of landscaping in the out of play areas	Outdoor	Practice	
43	Golf	Adjusting mowing heights to match species and seasonal water use characteristics.	Outdoor	Practice	
44	Golf	soil cultivation techniques (spiking, slicing and core aeration) to improve water infiltration and minimize runoff during irrigation or rainfall events.	Outdoor	Practice	
45	Golf	Limiting cart traffic to paths to minimize turf wear and limit soil compaction	Outdoor	Practice	
46	Golf	Cycling irrigation sessions to ensure good infiltration and minimize runoff.	Outdoor	Practice	
47	Golf	Smart design of new courses, minimizing turf and maximizing runoff collection	Outdoor	Practice	
48	Golf	Develop a written water use efficiency improvement plan	Outdoor	Practice	

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49	Golf	Evaluate turfgrass areas for appropriate acreage, functional/playable turfgrass versus non-playable areas	Outdoor	Practice	
50	Golf	Incorporate fertilization and soil amendments practices that minimize water use	Outdoor	Practice	
51	Golf	Perform a cultural practice analysis; hand-watering, managing disease pressure-times, evaluate time of day, etc	Outdoor	Practice	
52	Golf	recycling of storm/irrigation water, tailwater recovery	Outdoor	Practice	
53	Golf	Lining of irrigation ponds if recharged by other sources	Outdoor	Practice	
54	Golf	Large Landscape Survey	Outdoor	Practice	
55	Golf	Florida-Friendly Landscape Principles	Outdoor	Program	
56	Instit/Comm	Facility Water Use Assessment/Audit	Holistic	Program	
57	Instit/Comm	Florida Green Building Coalition	Holistic	Program	New and existing buildings
58	Instit/Comm	Florida Green Lodging Program	Holistic	Program	Hotels/motels
59	Instit/Comm	Leadership in Energy and Environmental Design (LEED)	Holistic	Program	New and existing buildings
60	Instit/Comm	High-Efficiency Clothes Washer Replacement	Indoor	Hardware	
61	Instit/Comm	High-Efficiency Dishwasher Replacement	Indoor	Hardware	
62	Instit/Comm	Dual-flush Toilet Replacement	Indoor	Hardware	
63	Instit/Comm	High Efficiency Showerhead Replacement	Indoor	Hardware	
64	Instit/Comm	High Efficiency Toilet Replacement	Indoor	Hardware	
65	Instit/Comm	High-efficiency Faucet Aerator Replacement	Indoor	Hardware	
66	Instit/Comm	High-Efficiency Pre-rinse Spray Valve Replacement	Indoor	Hardware	
67	Instit/Comm	High-Efficiency Urinal Replacement	Indoor	Hardware	
68	Instit/Comm	Waterless Urinal Replacement	Indoor	Hardware	Only in new construction and in specific circumstance
69	Instit/Comm	Use of make-up & blowdown submeters in HVAC cooling towers	Indoor	Hardware	
70	Instit/Comm	Use of conductivity meters in HVAC cooling towers	Indoor	Hardware	
71	Instit/Comm	Install Fill Cycle Diverters•	Indoor	Hardware	Install fill cycle diverter in toilet tank
72	Instit/Comm	Install Redesigned Toilet Flappers	Indoor	Hardware	install long-life toilet flappers in leaking tank toilets
73	Instit/Comm	Reduce Faucet Run Until Hot"Use	Indoor	Hardware	close proximity "instant hot" heater or recirculating pump
74	Instit/Comm	Reuse of air-handle unit condensate water for cooling tower make-up	Indoor	Practice	
75	Instit/Comm	Increase HVAC Cycles of Concentration for water-efficiency maximization	Indoor	Practice	
76	Instit/Comm	Restriction of one pass water systems	Indoor	Practice	
77	Instit/Comm	Use of drift eliminators in HVAC cooling towers	Indoor	Practice	
78	Instit/Comm	Decrease Toilet Flushes, faucet and shower use	Indoor	Practice	
79	Instit/Comm	Eliminate Partial Dish and Clothes Washer Loads	Indoor	Practice	
80	Instit/Comm	Improve Disposal Usage	Indoor	Practice	decrease time and flow rate of disposal water use
81	Instit/Comm	Improve Food Preparation and Washing•	Indoor	Practice	decrease water used to rinse, wash and prepare foods
82	Instit/Comm	Improve Performance For Steam Boilers••	Indoor	Practice	improve water quality and increase boiler cycles
83	Instit/Comm	Water CHAMP	Indoor	Program	Hotels/motels
84	Instit/Comm	SWFWMD Water PRO	Indoor	Program	Restaurants
85	Instit/Comm	Install automatic shut-off valves where technologically possible	Indoor/Outdoor	Hardware	
86	Instit/Comm	Replace water cooling devices with air cooling devices	Indoor/Outdoor	Hardware	
87	Instit/Comm	Develop a written water-use efficiency improvement plan	Indoor/Outdoor	Practice	
88	Instit/Comm	Water conservation employee education	Indoor/Outdoor	Practice	Includes sub-measures
89	Instit/Comm	On-site rain harvesting and reuse	Indoor/Outdoor	Practice	
90	Instit/Comm	On-site generated graywater reuse	Indoor/Outdoor	Practice	
91	Instit/Comm	Greenroofs	Indoor/Outdoor	Practice	
92	Instit/Comm	Improved Control and recycling of Process Water	Indoor/Outdoor	Practice	improve control of process water
93	Instit/Comm	Florida Water Star	Indoor/Outdoor	Program	
94	Instit/Comm	Rain Sensor Shut-off Device	Outdoor	Hardware	
95	Instit/Comm	Smart Irrigation Controller	Outdoor	Hardware	

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96	Instit/Comm	Soil Moisture Shut-off Device	Outdoor	Hardware	
97	Instit/Comm	Install Drip/Bubbler Irrigation	outdoor	Hardware	
98	Instit/Comm	Rain Barrel Catchment	Outdoor	Hardware	
99	Instit/Comm	Switch To Low Flow Car Wash Equipment••	Outdoor	Hardware	reduce hose washing with portable, high pressure, low-flow equipment
100	Instit/Comm	Switch To Recirculating Car Wash	Outdoor	Hardware	
101	Instit/Comm	Allow Lawn To Go Dormant	Outdoor	Practice	
102	Instit/Comm	reduce sidewalk and driveway cleaning with water by switching to sweeping	Outdoor	Practice	
103	Instit/Comm	Improve Swimming Pool and Hot Tub Use •	Outdoor	Practice	reduce drains and fills by increasing water quality
104	Instit/Comm	Improve Maintenance of Turf	Outdoor	Practice	thatching, aerating, over-seeding, top dressing, etc.
105	Instit/Comm	Improve Soil Amendments	Outdoor	Practice	
106	Instit/Comm	Irrigation system evaluation (or survey)	Outdoor	Program	
107	Instit/Comm	Florida-Friendly Landscape Principles	Outdoor	Program	
108	Instit/Comm	Large Landscape Survey	Outdoor	Program	
109	Instit/Comm	Net Irrigation Requirement Based Irrigation Audit	Outdoor	Program	
110	Local Govt.	Ordinances Adopting Florida Green Building Coalition Requirments	Holistic	Program	New and existing buildings
111	Local Govt.	Ordinances Adopting EPA WaterSense Certification	Holistic	Program	New homes
112	Local Govt.	Ordinances Adopting Florida Green Lodging Program	Holistic	Program	Hotels/motels
113	Local Govt.	All government buildings achieve a sustainability rating	Holistic	Program	LEED Greenglobes etc.
114	Local Govt.	Ordinances Adopting LEED Requirements	Holistic	Program	New and existing buildings
115	Local Govt.	Participation in a city-wide program such as STAR, FGBC or equivalent	Holistic	Program	Sustainability Tools for Assessing and Rating Communities
116	Local Govt.	Adoption in part or whole of IGCC building codes	Holistic	Program	International Green Construction Code
117	Local Govt.	Ordinances Adopting Florida Water CHAMP	Indoor	Program	Hotels/motels
118	Local Govt.	Ordinances Adopting Higher Indoor Efficiency Standards	Indoor	Program	
119	Local Govt.	Ordinances Adopting Water PRO	Indoor	Program	Restaurants
120	Local Govt.	Ordinances Adopting Florida-friendly Landscaping	Indoor	Program	
121	Local Govt.	On-site rainharvesting and reuse	Indoor/Outdoor	Practice	
122	Local Govt.	On-site generated graywater reuse	Indoor/Outdoor	Practice	
123	Local Govt.	Greenroofs	Indoor/Outdoor	Practice	
124	Local Govt.	Ordinances Adopting Florida Water STAR	Indoor/Outdoor	Program	New and existing buildings, communities
125	Local Govt.	Public Awareness and Education Program	Indoor/Outdoor	Program	Includes many sub-measures
126	Local Govt.	Modifications to land Development Regulations Limiting Water Use	Outdoor	Program	
127	Local Govt.	Ordinances Adopting Higher Efficiency Irrigation Standards	Outdoor	Program	
128	Local Govt.	Ordinance Adopting year-round watering restrictions	Outdoor	Program	more stringent than District
129	Local Govt.	Support of Mobile Irrigation labs in urban areas, esp. targeting large HOAs	Outdoor	Program	
130	Local Govt.	Ordinances for other water saving practices	Outdoor	Program	pressure cleaning, car washing, etc.
131	Local Govt.	Support of Mobile Irrigation labs in agricultural areas	Outdoor	Program	
132	Nurseries	Convert existing systems to micro-irrigation	Outdoor	Hardware	
133	Nurseries	Install tensiometers in field or container blocks	Outdoor	Hardware	
134	Nurseries	Drip/Micro-Irrigation System	Outdoor	Hardware	
135	Nurseries	Install permanent irrigation, if there is none.	Outdoor	Practice	
136	Nurseries	Create a schedule and perform irrigation system maintenance regularly	Outdoor	Practice	
137	Nurseries	Group plants according to water needs	Outdoor	Practice	
138	Nurseries	Use cyclic irrigation; applying water in several short cycles rather than one long	Outdoor	Practice	
139	Nurseries	Soil amendments to increase water holding capacity	Outdoor	Practice	
140	Nurseries	Capturing run-off and recycling irrig. water through ponds or holding tanks	Outdoor	Practice	
141	PWS	Implementation of AMR/AMI technology	-	Hardware	
142	PWS	improvements in water treatment system to conserve water	-	Hardware	
143	PWS	Condition of Service Adopting EPA Water Sense Program	Holistic	Program	

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144	PWS	Condition of Service Adopting Florida Green Lodging Program	Holistic	Program	
145	PWS	Condition of Service Adopting LEED Requirements	Holistic	Program	
146	PWS	Improved billing and accounting software	Holistic	Program	
147	PWS	Provide Plumbing Retrofit Kit	Indoor	Hardware	
148	PWS	Condition of Service Adopting Florida Green Building Coalition Requirments	Indoor	Program	
149	PWS	Condition of Service Adopting Florida Water CHAMP	Indoor	Program	
150	PWS	Condition of Service Adopting Higher Indoor Efficiency Standards	Indoor	Program	
151	PWS	Condition of Service Adopting Retrofit at Resale Requirement	Indoor	Program	
152	PWS	Condition of Service Adopting Water PRO	Indoor	Program	
153	PWS	Water Conserving Rate Structure	Indoor/Outdoor	Practice	
154	PWS	Condition of Service Adopting Florida Water STAR	Indoor/Outdoor	Program	
155	PWS	Goal Based Water Conservation Plan	Indoor/Outdoor	Program	
156	PWS	Conservation analysis using a planning tool	Indoor/Outdoor	Program	
157	PWS	Public Awareness and Education Program	Indoor/Outdoor	Program	Includes many sub-measures
158	PWS	Automatic Line Flushing Devices	Outdoor	Hardware	
159	PWS	Support of Mobile Irrigation labs in urban areas, esp. targeting large HOAs	Outdoor	Program	
160	PWS	Support of Mobile Irrigation labs in agricultural areas	Outdoor	Program	
161	PWS	Condition of Service Adopting Higher Efficiency Irrigation Standards	Outdoor	Program	
162	PWS	Distribution System Audits, Leak Detection and Repair	Outdoor	Program	
163	Recreational	Rain Sensor Shut-off Device	Outdoor	Hardware	
164	Recreational	Smart Irrigation Controller	Outdoor	Hardware	
165	Recreational	Soil Moisture Shut-off Device	Outdoor	Hardware	
166	Recreational	Install Drip/Bubbler Irrigation	Outdoor	Hardware	micro-irrigation
167	Recreational	Reduce sidewalk and driveway cleaning with water by switching to dry sweeping	Outdoor	Practice	
168	Recreational	Improve Swimming Pool and Hot Tub Use •	Outdoor	Practice	reduce drains and fills by increasing water quality
169	Recreational	Improve Maintenance of Turf	Outdoor	Practice	thatching, aerating, over-seeding, top dressing, etc.
170	Recreational	Improve Soil Amendments	Outdoor	Practice	
171	Recreational	Irrigation system evaluation (or survey)	Outdoor	Program	
172	Recreational	Florida-Friendly Landscape Principles	Outdoor	Program	
173	Recreational	Large Landscape Survey	Outdoor	Program	
174	Recreational	Net Irrigation Requirement Based Irrigation Audit	Outdoor	Program	
175	Recreational	Water Budgeting	Outdoor	Program	
176	Residential	High-Efficiency Clothes Washer Replacement	Indoor	Hardware	
177	Residential	High-Efficiency Dishwasher Replacement	Indoor	Hardware	
178	Residential	Dual-flush Toilet Replacement	Indoor	Hardware	
179	Residential	High Efficiency Showerhead Replacement	Indoor	Hardware	
180	Residential	High Efficiency Toilet Replacement	Indoor	Hardware	
181	Residential	High-efficiency Faucet Aerator Replacement	Indoor	Hardware	
182	Residential	HE Flush Toilet Replacement	Indoor	Hardware	
183	Residential	Install Fill Cycle Diverters•	Indoor	Hardware	Install fill cycle diverter in toilet tank
184	Residential	Install Redesigned Toilet Flappers	Indoor	Hardware	install long-life toilet flappers in leaking tank toilets
185	Residential	Reduce Faucet Run Until Hot"Use	Indoor	Hardware	close proximity "instant hot" heater or recirculating pump
186	Residential	Decrease Toilet Flushes, faucet and shower use	Indoor	Practice	
187	Residential	Eliminate Partial Dish and Clothes Washer Loads	Indoor	Practice	
188	Residential	Improve Food Preparation and Washing•	Indoor	Practice	decrease water used to rinse, wash and prepare foods
189	Residential	Water Use Survey	Indoor	Program	