

Warning: Read this Instructions Tab thoroughly and entirely. For your application to be deemed complete, you must provide all required information as outlined below and on all subsequent tabs.

This application is specific to Urban Indoor and Urban Irrigation water conservation project types. If your project focuses on improving water use efficiency in an Agriculture or Nursery setting, you are currently using the wrong application. Go back to the Cooperative Funding Program webpage and download the appropriate application (and example application) for your project.

There are EIGHT tabs (listed to the right), SEVEN of which require data input from you.

Enter data in each light blue colored cell -->
 Some cells contain drop down menus -->
 Clicking on these cells will reveal the menu choices

Select One

Gray cells will self calculate. They cannot accept user inputs.

\$2.21

Tabs	
1.	Entity Information
2.	Project Description
3.	Project Financing
4.	Project Budget
5a.	Estimated Water Savings - Indoor & Other
5b.	Estimated Water Savings - Irrigation
6.	Cost-Effectiveness Calculator
7.	Ancillary Information

Please be as BRIEF as possible while still being informative. Note that some narrative answer fields are limited to the requested length and space provided. If we cannot see it, we cannot read it. It is recommended that you prepare your narrative text in Word and then copy/paste into the spaces provided.

Excel Tip: You can begin a new paragraph within a cell by holding down the **Alt key and hitting Enter** (return).

You must show the calculations leading to your project's estimated water savings. This is done on **Tab 5a (Estimated Water Savings - Indoor) and/or Tab 5b (Estimated Water Savings - Irrigation)**. Once completed, you must fill out **Tab 6 (Cost-Effectiveness Calculator)**. If you have difficulty using the calculator, you may contact Robert Wanvestraut at rowanves@sfwmd.gov or 561-682-6615, or Stacey Adams at sadams@sfwmd.gov or 561-682-2577.

On each tab, start at the top and work to the bottom until you reach the following message:

You have reached the end of this tab. Proceed to the next.

1. Entity Information

Applicant Entity Name	Project Name	County	Planning Region	Project Location - Latitude of Project (Decimal Degrees)	Project Location - Longitude of Project (Decimal Degrees)
The Best Utility in the Whole Wide World (BU-WWW)	The Best HET Program Ever	Lemon	LEC	-45.54546873	25.64654635

Authorized Representative FIRST Name	Authorized Representative LAST Name	Authorized Representative Email Address	Street Address	City	Zip Code	Phone Number
Jane	Richards	jrichards@buwww.org	14 Nowhere Ave	Lemonville	55555	555-555-5555

If the Authorized Representative is different from the Project Manager (Primary Contact), please provide the following information for the Project Manager.

Project Manager FIRST Name	Project Manager LAST Name	Project Manager Email Address	Street Address	City	Zip Code	Phone Number
Sam	Gamgee	sgamgee@buwww.org	28 Somewhere Ave	Lemonville	55555	999-999-9999

Federal ID Number	Type of Organization/Entity	If applicable, provide the Consumptive Use Permit, etc.	If applicable, provide the Irrigation Ordinance number
2842145	HOA/POA	28-45456	N/A

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EXAMPLE

2. Project Description

Anticipated Start Date	Anticipated End Date	Is this a multi-year project?	Project Type	Estimated Water Savings (mgy)	\$/kgal	Total Project Cost	Requested Funding
10/1/2021	9/30/2022	No	Indoor water conservation	10.5	\$1.28	\$ 125,000.00	\$ 50,000.00

The gray cells above will auto-populate as you provide inputs elsewhere within this application.

Excel Tip: You can begin a new paragraph within a cell by holding down the **Alt key and hitting Enter** (return).

Project Description Short Form (Limit to THREE sentences or less)	This program entails the implementation of a rebate program supporting the purchase of 1,000 WaterSense labeled high-efficiency toilets (HETs) rated at 1.28 gallons per flush (gpf) or less. Residents of residential properties, built before 1996, located within the Utility's service area are eligible. Each rebate issued will be up to \$125 per toilet, with a maximum of two per household.
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Project Objective (Limit to ONE sentence)	The objective of this program is to reduce the use of indoor potable water and promote a local water conservation ethic through installation of higher efficiency indoor devices.
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Long-Form Project Description (Scope of the Project) Include: Item(s) to be purchased/installed/distributed and quantities of each	<p>The program entails the implementation of a rebate program supporting the purchase of a minimum of 1,000 WaterSense labeled HETs rated at 1.28 gpf or less for residential properties.</p> <p>All water utility customers (approximately 46,000) are eligible to participate if replacing an existing toilet in a home built in 1995 or older (newer construction not eligible). The Utility will provide up to a \$125 rebate per HET with a maximum of two rebates per residential water account or per dwelling unit. Rebates can be applied toward the purchase and installation of an WaterSense labeled HET and all associated hardware. Information on WaterSense toilets will be available on the Utility's Sustainability webpage. Participants will be responsible for any costs exceeding the \$125 rebate.</p> <p>A program announcement will be included in utility bill mailers, Facebook, Twitter, Instagram, WPFTV station and the City's newsletter, as well as in other educational outreach efforts. The toilet rebate program application, along with eligibility and program details, will be available on the Utility's Sustainability and the Public Utilities webpages. Program applications will also be made available at the Public Utilities Customer Service area, and at outreach events for those who do not have internet access. If needed, a second insert into the utility bill will be distributed.</p> <p>A flapper educational component will be added to the Utility's Sustainability webpage to address proper leak detection. Leak detection dye tablets will also be distributed to applicants/participants at outreach events. All program participants will be eligible to receive a WaterSense labeled showerhead in exchanged for their current one. Because the showerhead is an optional part of the program, water savings from their use was not part of the program's water savings estimate calculation.</p>
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Location	BU-WWW service area
Target Group(s) and Size	Residential properties
Acres Affected (if this is an irrigation project)	

Is this a rebate or voucher program?	Yes
If yes, complete the following:	
a. How many rebates or vouchers in total will be issued within the funding period¹?	1,000
b. What is the maximum number of rebates/vouchers issued to a single participant?	2
c. How many dwelling units/facilities will this program attempt to reach <u>at a minimum</u> during the funding period^{2, 3}? This should be equal to a./b. above.	500
d. List any additional types of fixtures or devices, such as, but not limited to, a showerhead or faucet aerator that a participant may receive.	WaterSense showerheads

Footnotes:

¹Do not enter a range. The final reimbursement will be tied to this number.

²This question assumes all participants accept the maximum number of allowable rebates/vouchers.

³This is the figure you must use in the calculation in your estimated water savings.

2. Project Description

Identify the water source that will be conserved.	Utility Water Provider or Water Source
Potable water from a utility at risk for saltwater intrusion based on elevated chloride levels in monitoring wells or within a Restricted Allocation Area (Section 3.2.1 of the Applicant's Handbook for Water Use Permit Applications)	BU-WWW
Potable water from a utility not at risk for saltwater intrusion or in a Restricted Allocation Area	
Potable water, but not sure if the area is with a Restriction Allocation Area or at risk of saltwater intrusion (Specify the provider utility)	
Surficial well water in the service area of a utility at risk for saltwater intrusion based on elevated chloride levels in monitoring wells	
Surficial well water in the service area of a utility not at risk for saltwater intrusion	
Surficial well water, but unsure if at risk of saltwater intrusion (Specify the water body)	
Water from a canal or stormwater catchment area (such as a man-made lake within a housing development)	
Reclaimed water	
Other (Specify)	

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3. Project Financing

Total Project Cost (\$)	Funding Requested (\$)	Applicant Match (\$)	Third-Party Match (\$)
\$ 125,000.00	\$ 50,000.00	\$ 75,000.00	

Has this project received previous SFWMD funding?	No
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If yes, fill out the table below:

Year Awarded	Contract Number	Amount Awarded	Amount Spent

Is the applicant receiving other funds for this project?	No
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If yes, federal/state/private entity name(s):	If yes, amount(s):
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4. Project Budget

Project Hardware/Technology Items	Quantity of Items or Rebates	Cost per Item, Rebate, or Voucher	Installation Cost per Item	Total Cost for Each Line
HET rebates	1000	\$ 125.00		\$ 125,000.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Hardware & Installation Total				\$ 125,000.00

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5a. Estimated Water Savings

This tab contains two sections.

The first section, "Estimated Water Savings for Common Indoor Efficiency Measures", has been created and preset for the most common indoor retrofit project types. You must use the default Current Use and Efficient Use rates for the items below unless you provide an explanation (and documentation) supporting your deviation from the defaults. Acceptance of deviated values is pending District staff review.

The second section, "Estimated Water Savings Explanation for Other Conservation Project Types", has been created for water use efficiency improvement projects using hardware in addition to, or instead of, the fixtures and appliances in Section 1.

Section 1. Estimated Water Savings for Common Indoor Efficiency Measures

Residential Project Inputs	
* Persons Per Home	2.64
Number of homes/units affected by this project	500

* If unknown for your area, visit U.S. Census Quick Facts for your county, or use Florida default of 2.64.

Commercial Project Inputs	
Number of Toilet	0
Number of Urinals	0
Number of Faucets	0
Number of Showers	0
Days of Operation /Year	0

	Common Current Rates	Standard Efficiency Use Rates	
Residential Toilet	3.5	1.28	gal./flush
Shower	2.5	1.75	gal./min.
Lavatory Faucet	2.2	1.50	gal./min.
Kitchen Faucet	2.2	1.50	gal./min.
Dishwasher	10.5	3.50	gal./use
Clothes Washer	23.0	15.00	gal./use
Commercial Toilet	3.5	1.28	gal./flush
Commercial Lav. Faucet	2.2	0.50	gal./min.

USER INPUT TABLE			
	Current Use (Before)	Efficient Use (After)	
Residential Toilet	3.5	1.28	gal./flush
Shower	0.0	0.00	gal./min.
Lavatory Faucet	0.0	0.00	gal./min.
Kitchen Faucet	0.0	0.00	gal./min.
Dishwasher	0.0	0.00	gal./use
Clothes Washer	0.0	0.00	gal./use
Commercial Toilet	0.0	0.00	gal./flush
Commercial Lav. Faucet	0.0	0.00	gal./min.

*Standard uses per day and service lives applied.

OUTPUT TABLE	
Annual Savings per Item (gallons)	
Toilet Savings	5,454,940
Shower savings	0
Lavatory Faucet	0
Kitchen Faucet	0
Dishwasher Savings	0
Clothes Washer Savings	0
Commercial Toilet	0
Commercial Lav. Faucet	0
Total Annual Savings	5,454,940
Savings in million gallons per year	5.5

Section 2. Estimated Water Savings Explanation for Other Conservation Project Types

Please enter the following:

Current Water Use	0.0	mgd
Estimated Post-project Water Use	0.0	mgd
Potential Savings	0.0	mgd

Briefly provide the basis for your Current Water Use estimate (e.g., metered data, water bills, zone use calculations).

Briefly explain the basis for your Post-project Water Use estimate.

You have reached the end of this tab. Proceed to the next.

5a. Estimated Water Savings - Irrigation

For these items, you must use the savings rates provided.

Please enter the following:

Project Size	8.0	acres affected
Current Water Use	16.9	mgy
Savings %	30%	From table at right -->
Potential Savings	5.1	mgy

Enter this value in Column D on the Cost-Effectiveness sheet.

Read the notes below the input box.

If your project entails any of these items, you must use the savings % shown below.

Item	Savings %
Rain Sensor	30%
Soil Moisture Sensor	30%
Weather-based Controller	30%
Efficient Sprinkler Heads	15%
System Design Corrections	15%
Turf Replacement*	30% - 100%

* Rebate eligible species must be listed. Savings % will be a function of plant species needs.

Briefly provide the basis for your Current Water Use estimate (e.g., metered data, water bills, zone use calculations). Also see the notes below this box.

Currently the water used for irrigation per week (3 x's weekly @ 1/2") would use 40,731 gallons per week, per acre, X's 52 weeks per year = 2,118,012 x 8 acres = 16,944,096 gallons per year. The project would yield approximately a 30% savings with and estimated 5.1 MGy.

Savings for projects with more than one component (from the table above) cannot double-count or compound savings percentages.

For projects with more than one component, use ONLY the savings associated with the highest savings percentage.

As an example, if the upgraded system will have new efficient sprinkler heads and a new controller, only enter percent savings for the new controller (30%).

District staff may assign a higher evaluation score for projects with more than one component.

For items not shown in the savings table above, provide an explanation and any documentation supporting the savings values and number of service years you enter.

You have reached the end of this tab. Proceed to the next.

6. Cost-Effectiveness Calculator

Total Cost per item MUST match costs presented in Tab 4 (Project Budget).
Service Lives entered in this table **MUST** come from one of the **THREE** tables (below) if project items are included in one of those tables. You **MUST** use the shortest service life if your project includes more than one item on the list.
Administrative or Other In-Kind Service Costs get embedded into the cost of the largest (most costly) item. Refer back to Tab 4 (Project Budget).

Conservation Items	Total Cost Per Line	Annual Estimated Savings (mgy) From Est. Wat. Save Tab	Service Life (in years, from tables below)	Total Project Gallons Saved per Day	Total Gallons Saved over Service Life (MG)	Cost Effectiveness (\$/kgal)
HET Rebates	\$ 125,000.00	5.50	25	15,068	137.50	\$1.28
				-	-	\$0.00
				-	-	\$0.00
				-	-	\$0.00
				-	-	\$0.00
				-	-	\$0.00
				-	-	\$0.00
				-	-	\$0.00
				-	-	\$0.00
				-	-	\$0.00
	\$ 125,000.00	5.5				\$1.28

(Weighted cost effectiveness for all Items)

Residential Indoor Measures	Service Life (Residential), in years
Tank-type High-efficiency Toilet	25
Efficient Sprinkler Heads	5
High-efficiency Aerator	8
High-efficiency Clothes Washer, MF	8
High-efficiency Clothes Washer, SF	11
High-efficiency Dishwasher, SF	11
High-efficiency Showerhead, MF	8
High-efficiency Showerhead, SF	8
Rain Sensor	2
Soil Moisture Sensor	7
System Design Corrections	20
Turf Replacement*	10
Valve-type High-efficiency Toilet	25
Weather-based Controller	10

Commercial and Other Measures	Service Life (Commercial), in years
Automatic Line Flushing Device	10
Commercial Washer	9
Cooling Tower	5
Dishwasher (Commercial)	20
Food Steamer (Commercial)	10
High-efficiency Urinal	25
Large Land. Irrigation Controller	10
Large Land. Turf Replacement	10
Spray Rinse Valve	10
Tank-type High-efficiency Toilet	25
Valve-type High-efficiency Toilet	25

Outdoor Irrigation Measures	Service Life, in years
Efficient Sprinkler Heads	5
Rain Sensor	2
Soil Moisture Sensor	7
System Design Corrections	20
Turf Replacement*	10
Weather-based Controller	10

You have reached the end of this tab. Proceed to the next.

7. Ancillary Information

Does any contractor or other affiliate of the applicant have a financial interest in this project, the property associated with this project, or with any party that may profit financially from this project?	No
If yes, list the parties and interests:	
Is the project part of your institution/facility's conservation plan?	Yes
This is a State of Florida reimbursement program. The entire project scope is expected to be completed within the funding period, regardless of amount awarded. There is no guarantee the applicant will be awarded the amount requested. Are budgeted funds available to pay for the entire scope of the project?	Yes
Does the applicant understand that if, for any reason, the project scope is not fulfilled to 100% completion as outlined in the statement of work, the funding amount will be reduced to match the original percentage of funding in the contract/purchase order based on the estimated project cost provided in the application?	No
Does the applicant understand that funds are only for expenses incurred or obligated during the funding period?	Yes
Is the applicant a REDI Community?	No
Is the applicant willing to host educational/demonstration activities highlighting the project site at reasonable times and under reasonable conditions? Your answer will not affect your project's eligibility or review.	No

**You have reached the end of the application.
Go back and check that all required information has been entered.
It is recommended you review all inputs on all tabs.**