

## Code Compliance Environmental Excellence Awards Criteria by Award

### Solid Waste Reduction and Recycling Innovation Award

<b>Objective: To recognize innovation and creativity in the design and implementation of ways to reduce waste, increase re-use, recycling and/or composting of materials that result in preserving the City's landfill and possibly generating increased economic activity.</b>	
<b>Criteria Description Checklist Tool</b> (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)	
	System optimization to reduce consumption while not sacrificing productivity, function, durability, safety
	Metering of individual facilities
	Documentation of development of site-specific process plans for processes in the facility
	Documentation of process improvements
	Documentation of reduction in waste, litter, bio-waste, hazardous chemicals, power and/or water use
	Identification of raw materials and/or waste (hazardous or non-hazardous) affected by project
	Documentation of diversion of waste, reusable items, conversion of materials into other forms of useable or distributable items
	Documentation of cost-benefit analysis of process improvements

#### Application Questions:

##### Process Improvement

1. Explain how use & process improvement projects have reduced waste; increased re-use, recycling and/or composting of materials; or diverted and/or converted materials into other forms of useable or distributable items at your facility. *Provide environmental or solid waste management plan if available. (500 words max) (35 points)*
2. Provide documentation of reduction in solid waste resulting in preservation of the City's landfill due to implementation of plan and strategies. *Failure to supply data will disqualify application. Upload files. (20 points)*

### Best Practices and Innovation

3. What raw materials and/or waste (hazardous or non-hazardous) were affected? (5 points)
4. What was the quantity of raw materials used, or waste generated, prior to the project (pounds, gallons, tons, etc.)? (5 points)
5. What is the current quantity of raw materials utilized/waste generated? (5 points)
6. What was the quality of raw materials or waste reduced/eliminated as a result of the project (pounds, gallons, tons, etc.)? (5 points)
7. How does the project apply innovation or new technologies, strategies or planning?  
(200 words max) (10 points)
8. How does the project utilize best management practices or demonstrate industry excellence in use & process improvement?  
(200 words max) (10 points)
9. Did your project result in cost savings for your business/organization? If so, what is the (real or estimated) payback period? What are the annual estimated cost savings? (200 words max) (5 points)

### Additional Information

1. Provide additional documentation of outreach and education to employees and the community regarding the planning, and implementation of the use & process improvement project. Describe any partnerships or volunteer participation in your process improvement project.  
(200 words max) (10 points)
2. Explain how this project fits into the scope of the [City of Fort Worth Environmental Master Plan](#) (200 words max) (10 points)
3. Upload documents and photos to support your application. Limit of 5 per application.

### Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.
- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.

## Code Compliance Environmental Excellence Awards Criteria by Award

### Air Quality Innovation Award

<b>Objective:</b> <i>Recognizes exceptional contributions and actions taken, designed and implemented original, groundbreaking methods of air pollutant reduction that would significantly improve the overall health and welfare of Fort Worth citizens.</i>	
<b>Criteria Description Checklist Tool</b> (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)	
	System optimization to reduce consumption while not sacrificing productivity, function, durability, safety
	Metering of individual facilities
	Documentation of development of site-specific process plans for processes in the facility
	Documentation of process improvements
	Documentation of reduction in air emissions generated, or other pollutants that contribute to air pollution
	Identification of raw materials and/or waste (hazardous or non-hazardous) affected by project
	Documentation of activities conducted by staff or processes implemented by your business/organization to proactively reduce air emissions or that improves air quality
	Documentation of reduction of waste or conversion of materials into other forms of safe, renewable items resulting in less impact on air quality
	Documentation of cost-benefit analysis of process improvements

#### Application Questions:

##### Process Improvement

1. Explain how use & process improvement projects have reduced air emissions, and/or contributed to the improvement of air quality at your facility. Provide environmental or solid waste management plan if available. (500 words max) (35 points)
2. Provide documentation of reduction in air emissions and/or improved air quality in the City of Fort Worth due to implementation of plan and strategies. *Failure to supply data will disqualify application.* Upload files. (20 points)

### Best Practices and Innovation

3. What types of emissions were affected, reduced or eliminated? (5 points)
4. What was the amount of air emissions generated, prior to the project? (5 points)
5. What was the amount of air emissions reduced/eliminated as a result of the project (pounds, gallons, tons, etc.)? (5 points)
6. What is the current amount of air emissions generated? (5 points)
7. How does the project apply innovation or new technologies, strategies or planning?  
(200 words max) (10 points)
8. How does the project utilize best management practices or demonstrate industry excellence in use & process improvement?  
(200 words max) (10 points)
9. Did your project result in cost savings for your business/organization? If so, what is the (real or estimated) payback period? What are the annual estimated cost savings? (200 words max) (5 points)

### Additional Information

1. Provide additional documentation of outreach and education to employees and the community regarding the planning, and implementation of the use & process improvement project. Describe any partnerships or volunteer participation in your process improvement project.  
(200 words max) (10 points)
2. Explain how this project fits into the scope of the [City of Fort Worth Environmental Master Plan](#) (200 words max) (10 points)
3. Upload documents and photos to support your application. Limit of 5 per application.

### Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.
- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.

## Code Compliance Environmental Excellence Awards Criteria by Award

### Land Redevelopment Innovation Award

<b>Objective:</b> <i>Recognizes an above and beyond approach to land redevelopment by implementation of sustainability efforts, land or building reuse, green remediation technologies, and alternative and renewable energy utilization.</i>	
<b>Criteria Description Checklist Tool</b> (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)	
	System optimization to reduce consumption while not sacrificing productivity, function, durability, safety
	Metering of individual facilities
	Documentation of development of site-specific process plans for processes in the facility
	Documentation of process improvements
	Documentation of sustainability efforts, land or building reuse, green remediation technologies and/or alternative/renewable energy utilization
	Identification of raw materials and/or waste (hazardous or non-hazardous) affected by project
	Documentation of cost-benefit analysis of process improvements

#### Application Questions:

##### Process Improvement

1. Explain how use & process improvement projects have contributed to the improvement of land quality through the implementation of sustainability efforts, land or building reuse, green remediation technologies and/or alternative/renewable energy utilization at your facility. (500 words max) (35 points) Provide environmental or solid waste management plan if available.
2. Provide documentation of land improvement projects resulting in improved land quality in the City of Fort Worth due to implementation of plan and strategies. *Failure to supply data will disqualify application.* Upload files. (20 points)

##### Best Practices and Innovation

3. What was the land, building and/or property like prior to the start of your project? (5 points)

4. Why was this project created? (5 points)
5. What was the redevelopment process? (5 points)
6. What was the finished state of the project? (5 points)
7. What types of land improvements, enhancements or structures were affected? (5 points)
8. Were any materials recycled, reused or reduced during this project? If so, please provide the type of materials and approximate quantities used. (5 points)
9. Is this project energy efficient? If so, please describe the materials or methods used. (5 points)
10. Does this project include any green landscape technologies (xeriscaping, water reclamation, native landscaping, etc.)? If so, please describe what types of technologies were used and their benefits. (5 points)
11. Describe any innovative or creative means that your project implemented for the purpose of land quality, improvement or enhancement. If green landscape technologies (xeriscaping, water reclamation, native landscaping, etc.) were included, please describe their use and benefits. (5 points)
12. How does the project utilize best management practices or demonstrate industry excellence in use & process improvement? (5 points)
13. Did your project result in cost savings for your business/organization? If so, what is the (actuals or estimated) payback period? What are the annual estimated cost savings? (200 words max)

#### Additional Information

1. Provide additional documentation of outreach and education to employees and the community regarding the planning, and implementation of the use & process improvement project. Describe any partnerships or volunteer participation in your process improvement project. (200 words max) (10 points)
2. Describe any partnerships or volunteer participation in your process improvement project. (200 words max)
3. Explain how this project fits into the scope of the [City of Fort Worth Environmental Master Plan](#) (200 words max) (10 points)
4. Upload documents and photos to support your application. Limit of 5 per application.

#### Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.
- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.

## Code Compliance Environmental Excellence Awards Criteria by Award

### Stormwater Innovation Award

<b>Objective:</b> <i>Recognizes high-performing entities or innovative projects that exceed regulatory requirements in ways that are effective and cost-efficient to eliminate, reduce and control stormwater pollution in order to protect the City of Fort Worth surface water quality.</i>	
<b>Criteria Description Checklist Tool</b> (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)	
	System optimization to reduce consumption while not sacrificing productivity, function, durability, safety
	Metering of individual facilities
	Documentation of development of site-specific process plans for processes in the facility
	Documentation of process improvements
	Documentation of reduction of stormwater pollutants that contribute to poor water quality
	Identification of raw materials and/or waste (hazardous or non-hazardous) affected by project
	Documentation of activities conducted by staff or processes implemented by your business/organization to proactively improve stormwater or surface water quality
	Documentation of cost-benefit analysis of process improvements

#### **Application Questions:**

##### Process Improvement

1. Explain how use & process improvement projects have contributed to the improvement of stormwater or surface water quality through the elimination, reduction or control of pollution. (500 words max) (35 points) Provide environmental or solid waste management plan if available.
2. Provide documentation of stormwater and/or surface water improvement projects resulting in improved stormwater quality in the City of Fort Worth due to implementation of plan and strategies. *Failure to supply data will disqualify application.* Upload files. (20 points)

### Best Practices and Innovation

3. What was the project, facility and/or property like prior to the start of your project? (5 points)
4. Why was this project created? (5 points)
5. What was the redevelopment process? (5 points)
6. What was the finished state of the project? (5 points)
7. How did your project or facility reduce stormwater pollution and promote surface water quality within the City of Fort Worth? (10 points)
8. Describe any innovative or creative means that your project implemented for the purpose of reducing or minimizing discharges containing pollutants. This can include installation, improvements or other use of effective structural stormwater controls (temporary or permanent); and/or the addressing or handling of difficult sites or facility conditions/situations, if applicable. (10 points)
9. Were there any additional measures, above and beyond standard permit requirements, in which any of the following or similar were utilized:
  - Use of vegetation and natural buffers
  - Use of project phasing to minimize exposure
  - Flow diversion
  - Reduction of pollutant exposure
  - Preservation of natural top soil, methods of stormwater filtration or detention of stormwater, etc. (10 points)
10. Have any low impact development strategies been utilized on the project or facility? If so, please describe in detail. (5 points)
11. Describe how the project improves the environment and how you specifically measure or evaluate its success. Include specific outcomes recorded or observed to far. (5 points)
12. Was any additional inspecting, monitoring, or sampling conducted above and beyond current permit or ordinance requirements? If so, describe the goal and purpose. (5 points)
13. What additional impacts (present and future) will this project have on the environment and local community? (10 points)
14. How does the project utilize best management practices or demonstrate industry excellence in use & process improvement?  
(200 words max) (10 points)
15. Did your project result in cost savings for your business/organization? If so, what is the (real or estimated) payback period? What are the annual estimated cost savings? (200 words max) (5 points)

### Additional Information

1. Provide additional documentation of outreach and education to employees and the community regarding the planning, and implementation of the use & process improvement project. Describe any partnerships or volunteer participation in your process improvement project. (200 words max).



2. Explain how this project fits into the scope of the City of Fort Worth Environmental Master Plan. (10 points)
3. Upload documents and photos to support your application. Limit of 5 per application.

#### Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.
- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.

# Water Conservation

## Environmental Excellence Awards Criteria by Award

### Water Use & Process Improvement (Efficiency) Award

**Objective:** To recognize the planned strategic management of water to prevent waste, overuse, and exploitation of water without reducing performance.

Water efficiency means doing more with less water, minimizing the amount of water used to accomplish a function, task or result. Water efficiency planning is an ongoing resource management practice that incorporates analysis of costs and uses of water; specification of water-saving solutions; installation of water-saving measures; and verification of savings to maximize the cost-effective use of water resources. <https://www.wbdg.org/resources/water-conservation>

**Criteria Description Checklist Tool** (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)

	System optimization to reduce consumption while not sacrificing productivity, function, durability, safety
	Water reuse/recycling, including gray water and process recycling systems, reclaimed/treated water, rainwater catchment systems
	Methods to reduce water use in HVAC systems, including properly sized boiler and steam units with the most cost-effective life cycle option
	Leak detection and repair process
	Metering of individual facilities
	Use single-pass (once-through) cooling equipment for specific end uses
	Cooling tower management to reduce water loss through evaporation, bleed-off and drift
	Adherence to local, state, federal standards and regulations (no violations recorded during award application period)
	Documentation of development of site-specific process plans for high water use processes in the facility
	Documentation of process improvements
	Documentation of reduction in water use
	Documentation of cost-benefit analysis of process improvements

#### Application Questions:

##### Process Improvement

1. Explain how use & process improvement projects improve water efficiency at your facility. (500 words max) (35 points) Provide water process management plan if available.

2. Documentation of reduction in water use due to implementation of plan and strategies. (Upload files) (20 points) *Failure to supply data will disqualify application.*

#### Best Practices and Innovation

1. How does the project apply innovation or new technologies, strategies or planning? (200 words max) (10 points)
2. How does the project utilize best management practices or demonstrate industry excellence in use & process improvement? (200 words max) (10 points)

#### Additional Information

1. Documentation of adherence to local, state, federal standards and regulations. (Upload files) (5 points)
2. Provide additional documentation of outreach and education to employees and the community regarding the planning, and implementation of the use & process improvement project. Describe any partnerships or volunteer participation in your process improvement project. (200 words max) (10 points)
3. Explain how this project fits into the scope of the [Fort Worth Water Conservation Plan](#). (200 words max) (10 points)
4. Upload documents and photos to support your application. Limit of 5 per application.

#### Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.
- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.

# Water Conservation Environmental Excellence Awards Criteria by Award

## Water Conservation Award

<p><b>Objective:</b> To recognize the development of programs and procedures that result in reduced water use. Water conservation includes all of the policies, programs and practices designed to help people change their behaviors and use less water.</p>	
<p><b>Criteria Description Checklist Tool</b> (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)</p>	
	Education and outreach programs, including hotline or other leak reporting mechanisms, signage on how to use new water-using equipment, incentive to save program, awareness of facility water management plan and water use practices such as flyer, displays, newsletters.
	Develop a water budget for the facility and monitor usage on a regular basis with a usage baseline to trigger leak investigation
	Water-efficient landscaping, including plants, design, irrigation system application
	Installation of water-efficient faucets, toilets, urinals, showerheads, aerators, atomizers, touchless water-using fixtures and water/energy-saving appliances
	Documentation of reduction in water use (monthly for the award application period)

### Application Questions:

#### Conservation Strategies

1. Explain the policies, programs and practices instituted within the facility to reduce the use of water.  
(500 words max) (35 points)
2. Provide additional documentation of outreach and education to employees and community about the planning and implementation of the water conservation strategies. Describe any partnerships or volunteer participation in your water conservation strategies.  
(200 words max) (10 points)
3. Documentation of reduction in water use due to implementation of plan and strategies.  
(Upload files) (20 points) *Failure to supply data will disqualify application.*
4. How does the project utilize best management practices or demonstrate industry excellence in water conservation? Suggest using the [TWDB BMP Guidebook](#) for Commercial and Institutional Water Users for guidance.  
(200 words max) (20 points)

#### Additional Information

1. Documentation of adherence to local, state, and federal standards and regulations.  
(Upload files) (5 points)
2. Explain how this project fits into the scope of the [Fort Worth Water Conservation Plan](#).  
(200 words max) (10 points)
3. Upload documents and photos to support your application. Limit of 5 per application.

## Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.
- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.

# Water Conservation Environmental Excellence Awards Criteria by Award

## Fort Worth Friendly Landscape Recognition Award

<b>Objective:</b> To acknowledge commercial, industrial or institutional customers who incorporate water efficient plants and design landscaping with a goal of reducing water use from irrigation.	
<b>Criteria Description Checklist Tool</b> (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)	
	Use of native plants in landscape
	Use of drip irrigation for landscape beds
	Use of design elements that retain and use water on the landscape property
	Proper use of irrigation system, including no water waste reports in Fort Worth Water system in past 12 months
	Proper use of fertilization techniques (or use of organic products)
	Use of pressure-regulating devices (pressure regulator valve or pressure-reducing sprinkler head and check valves to retain water in the main and lateral lines)
	Use of rain-freeze sensor
	Conducive to wildlife habitat and pollinator waystation and attracts waterfowl, songbirds and insect species
	Use of design elements to clean stormwater before it leaves the property.
	Education about water conservation in the landscape to employees and visitors
	Use of smart controller or regular controller (using evapotranspiration rate, Water Budget or regular watering)
	Ratio of landscape to hardscape
	Use of Rainwater harvesting (ratio of rainwater to city water, size of tank, watering schedule, pump size)

### Application Questions:

#### Documentation of Landscape

1. Upload photos or video of the landscape with features that protect and save water identified on each photo. (20 points)
2. Upload documentation of water usage for the 12 months before water-conserving landscaping changes were implemented and documentation of water usage for the 12 months (or more) since completion of the water-conserving landscaping changes. Older projects may need assistance from Fort Worth Water Conservation to gather data. If project is new construction

with less than required usage documentation, provide water use estimates from design plan. (10 points)

*Failure to supply data will disqualify application.*

3. Site visits may be required. (0 points)

#### Additional Information

1. Describe the plan, strategies and plants used to implement a Fort Worth Friendly Landscape that saves and protects water. (Max 500 words) (50 points)
2. Provide additional documentation of outreach and education to employees and the community regarding the planning, and implementation of the water conservation strategies. Describe any partnerships or volunteer participation in your landscaping project.
3. (200 words max) (10 points)
4. Explain how your water conservation friendly landscape fits into the scope of the [Fort Worth Water Conservation Plan](#). (200 words max) (10 points)
5. Upload documents and photos to support your application. Limit of 5 per application.

#### Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.
- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.

# Water Conservation Environmental Excellence Awards Criteria by Award

## SmartWater Recognition Award

**Objective:** To acknowledge commercial, industrial or institutional customers who participate in the SmartWater (ICI) audits and demonstrate progress on at least one of the recommended measures for water savings identified in the report.

This program evaluates water end use and provides recommendations to reduce consumption and costs. The assessment covers water use from irrigation, cooling towers, metering, process water, laundries, rinsing, kitchen, outdoor fountains and more.

**Criteria Description Checklist Tool** (This checklist is guidance to help you consider items for your application. You do not need to use all these techniques and processes in your operations to apply for this award.)

	Landscape/irrigation
	Cooling towers
	Metering
	Process water
	Employee use
	Fixtures
	Leaks and losses
	Pool/outdoor water features

### Application Questions:

#### Documentation of Assessment

1. Date of City of Fort Worth SmartWater Assessment. (0 points)
2. Describe the plan and strategies used to implement the assessment report recommendation(s). Be specific for each recommendation implemented within the last 12 months. (Max 500 words) (60 points)
3. Provide additional documentation of outreach and education to employees and the community regarding the planning and implementation of the water conservation strategies. Describe any partnerships or volunteer participation in your process improvement project. (Max 200 words) (15 points)
4. Explain how your assessment implementation fits into the scope of the [Fort Worth Water Conservation Plan](#). (Max 200 words) (10 points)
5. Estimate any water savings by month or by year from each implemented recommendation. Documentation of water bill usage may be included. (Max 200 words) (15 points) *Failure to supply data will disqualify application.*
6. Upload documents and photos to support your application. Limit of 5 per application.

#### Eligibility

- Must be a Fort Worth Water customer, or verify that you are located in Fort Worth.



- Must be in compliance with all local, state, and federal codes & laws and have no outstanding violations.
- Previous years Innovation Award winners (in any category) can only apply once every three years with the same project. Companies may apply multiple years in a row if they did not win an award prior or if they have different project(s) than the previous winning application.