



ONSITE WATER REUSE SYSTEM (OWRS) IMPLEMENTATION PLAN CHECKLIST

INSTRUCTIONS FOR DISTRICT-SCALE ONSITE WATER REUSE SYSTEMS:

This checklist is intended to guide the development of An OWRS Implementation Plan for a district-scale onsite water reuse system. A district is defined as two or more parcels that share alternative water sources. A project that proposes a district-scale onsite water reuse system is required to prepare and submit an OWRS Implementation Plan to Austin Water (AW) prior to issuance of a permit from any other City of Austin department. If modifications were made to the project’s water balance application, it must be re-submitted concurrently with the OWRS Implementation Plan.

Projects shall prepare their OWRS Implementation Plan in accordance with following checklist and the Guidelines and Rules for District-scale Onsite Water Reuse Systems established by City Code Chapter 15-13.

For district-scale projects subject to a development agreement or similar contractual agreement, an OWRS Implementation Plan may be submitted as part of the project’s master utility plan or other similar plan detailing the project’s utility design plans.

Project Information					
Occupancy Type:					
<input type="checkbox"/> Multi-Family Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Mixed Use (includes commercial & residential)					
Residential Occupancy Square Footage (total at build out):		Number of Units:		Commercial Occupancy Square Footage (total at build out):	
Project Name:					
Project Address:					
Primary Contact Information					
Name:		Company:			
Address:					
Phone:		Email:			

REQUIREMENTS FOR DISTRICT-SCALE ONSITE WATER REUSE SYSTEMS:

Checklist for OWRS Implementation Plan
Project Description <input type="checkbox"/> Project site area (acres) <input type="checkbox"/> Existing conditions and proposed conditions (land use summary) <input type="checkbox"/> Schematic layout of site showing all non-potable water system components (location of treatment plant and conveyance system), collection system, preliminary street cross sections, street ownership, trust restrictions, and any existing utilities

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Proposed Onsite Water Reuse System

- Water demands (gpy)
 - Total annual water demand for project (including potable and non-potable demands)
 - Total annual non-potable water demand
 - Average day non-potable water demand
 - Maximum day non-potable water demand
 - Peak hour non-potable water demand
- Ownership and compliance plan
 - Identify permittee, property owner, and treatment system and conveyance system owner
 - Entity(ies) responsible for onsite water reuse system operation
 - Entity(ies) responsible for short and long-term compliance with City Code Chapter 15-13
- Operation plan when non-potable water system is offline for maintenance or other circumstances
- Treatment utilized in the onsite water reuse water system
 - Description of treatment system processes
 - Treatment system capacity
 - Estimated cost for treatment system
- Non-potable water conveyance system
 - Schematic layout of conveyance system showing pipe network, storage, pumping, meters, and existing utilities
 - Backflow prevention, where needed
 - Proposed use of existing AW reclaimed water pipelines, if applicable
 - Estimated cost for non-potable water conveyance system
- Water supplies (gpy)
 - Total annual non-potable supplies
 - Proposed point(s) of connection of the treatment and conveyance systems to AW potable water system
 - Proposed plan for excess non-potable supplies, if applicable
- Sewer discharges (gpy)
 - Proposed private sanitary sewer and storm drain pipes, if applicable
 - Proposed point(s) of connection of the treatment system to AW sewer system
 - Estimated amount of solids discharged at point of discharge and proposed solids disposal methods
 - Proposed discharge point(s) to AW sewer system for excess treated non-potable water
 - Proposed discharge point(s) to AW sewer system during non-potable water system bypass period

Phasing for Onsite Water Reuse System

- Proposed project schedule and estimated amount of non-potable supplies and demands by development phase

Authorization for Onsite Water Reuse System

- Identify if proposed project will require encroachment permits for use of public rights of way
- Identify if proposed project will require easements

Please email the completed checklist and supporting materials to AW_ONSITEREUSE@austintexas.gov.