



STEP 2: CHECKLIST FOR NON-POTABLE IMPLEMENTATION PLAN

DISTRICT-SCALE NON-POTABLE WATER SYSTEM

This checklist is intended to guide the development of a Non-potable Implementation Plan for a district-scale non-potable water system. A district is defined as two or more parcels that share alternate water sources. A project that proposes a district-scale non-potable water system is required to prepare and submit a Non-potable Implementation Plan to the San Francisco Public Utilities Commission (SFPUC) prior to issuance of a permit from any other City department. If modifications were made to the project’s water budget application (Step 1), it must be re-submitted concurrently with the Non-potable Implementation Plan.

Projects shall prepare their Non-potable Implementation Plan in accordance with following checklist and the Guidelines and Rules for District-scale Non-potable Water Systems established by the SFPUC. More information is available at www.sfwater.gov/npo.

For district-scale projects subject to a development agreement or similar contractual agreement, a Non-potable 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.

Please submit Non-potable Implementation Plan and revised water budget application (if applicable) to:
nonpotable@sfwater.org.

Project Information		
Occupancy Type:	<input type="checkbox"/> Multi-Family Residential (3 units or more)	<input type="checkbox"/> Commercial <input type="checkbox"/> Mixed Use (includes commercial & residential)
Residential Occupancy Square Footage (total at build out):	Commercial Occupancy Square Footage (total at build out):	Number of units:
Project Name:		
Service Address:		
Primary Contact Information		
Name:	Company:	
Address:		
Phone:	Email:	

NON-POTABLE IMPLEMENTATION PLAN DISTRICT-SCALE NON-POTABLE WATER SYSTEM

Checklist for Non-potable Implementation Plan

Project Description

- Project site area (acres)
- Existing conditions and proposed conditions (land use summary)
- 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

Proposed Non-potable Water 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 non-potable water system operation
 - Entity(ies) responsible for short and long-term compliance with Article 12C of the Health Code
- Operation plan when non-potable water system is offline for maintenance or other circumstances
- Non-potable water treatment 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 SFPUC recycled water pipelines, if applicable
 - Estimated cost for non-potable water conveyance system
- Water supplies (gpy)
 - Total annual non-potable supplies
 - Proposed point(s) of collection, including sewer mining from SFPUC sewers, if applicable
 - Proposed point(s) of connection of the treatment and conveyance systems to SFPUC 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 SFPUC sewer system
 - Estimated amount of solids discharged at point of discharge and proposed solids disposal methods
 - Proposed discharge point(s) to SFPUC sewer system for excess treated non-potable water
 - Proposed discharge point(s) to SFPUC sewer system during non-potable water system bypass period

Phasing for Non-potable Water System

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

Authorization for Non-potable Water System

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