COLORADO
Department of Public Health & Environment

Water Quality Control Division
Engineering Section

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303-692-6298

Regulation 22: Self-Certification Form
Section 22.13 - Domestic Wastewater Treatment Plants

For domestic wastewater treatment plants, the design review is a two-step process that includes submittal of a Process Design Report (PDR) for review and a decision by the Division followed by submittal of self-certification of the final design documents (plans and specifications) by the applicant. In accordance with Regulation 22, Section 22.13 (1, par. 3), upon completion of final design (plans and specifications) documents, including all addenda, and prior to commencement of construction, each Colorado registered professional engineer(s) in responsible charge of the final design documents (plans & specifications) shall complete and submit this Self-Certification Form to the Division.

Please note the self-certification process is available for new, modified or expanded domestic wastewater treatment plants in accordance with the following:

- The self-certification certifies that the final plans and specifications are consistent with the site application and process design report approval letters and conforms to the most recent published version of the State of Colorado Design Criteria for Domestic Wastewater Treatment Works (Design Criteria), noting any deviations approved by the Division.
- The Division does not require the applicant to complete the full design review process if the project includes an alternative technology as described in the Design Criteria, Section 1.8.0.
- The project funding including the state revolving loan program or similar public sources does not require the applicant to complete the full design review process.
- The final design does not include a request for a site-specific deviation that has not received previous written Division approval.

Instructions:

1. The Self-Certification Form shall be submitted following PDR approval, when final design documents are complete, but prior to commencement of construction. The Self-Certification Form and associated documents will be reviewed and accepted or denied.
2. Upon acceptance, the Division will return the completed Self-Certification Form to the Applicant with Division signature.
3. The project may commence construction following receipt of the Division's accepted Self-Certification Form.
4. Please retain this form for your records.

Project and Applicant Information	
Project Title	Walden Water Corporation WWTP
Applicant Name	Walden Corporation
County	El Paso
Site Location Approval Number and Date	
Process Design Report (PDR) Approval Date	
CDPS Permit No.	COX631032 (to be replaced with new surface water permit)

I hereby certify that I was the engineer in responsible charge for (identify portions of work):_____ during the preparation of the final design documents – plans and specifications for the above-referenced project. I affirm that the final design is consistent with the approved site location approval, the approved Process Design Report, and the most recent published version of the Design Criteria, and that all site-specific deviations as listed on page 2 of this form have been approved by the Division and are documented in the PDR Approval letter.

Adam Sommers
Typed Name of Professional Engineer

12/3/25
Date Signed

Signature of Professional Engineer

38,169
License #

COLORADO LICENSED
ADAM SOMMERS
38169
PROFESSIONAL ENGINEER
12/3/25
P.E. Seal, Signature, and Date

Please attach additional Self Certification Forms as required for additional engineers sharing responsible charge. Please note, certification must account for all work within the project scope.

Site-Specific Deviation Declarations

No.	**Policy WPC-DR-1 Requirement** (e.g., Section 2.2.2 Emergency Facilities)	**Policy WPC-DR-1 - Site-Specific Deviation Request Previously Approved** (per requirements of Section 1.7.0 of Policy WPC-DR-1)
1	2.3.2 - Flow Metering	The design requests a deviation from the criteria based for WAS wasting.
2	5.4.1(b) -Grit Removal Redundancy	The design requires a deviation from the criteria based on the grit chamber doubling as a flow equalization tank. As an EQ tank designed to attenuate peak hour flows, pumps include redundancy, influent solids are screened through a bar screen before grit removal, and the EQ pumps are solids handling style pump. Gravity separation of solids is not affected by equipment failure.
3	5.4.2(b) - Grit Removal Chamber Ratios	The policy indicates that aerated grit chambers shall be designed with a length-to-width ratio between 3:1 and 8:1, a width-to-depth ratio between 0.8 and 0.9, a minimum hydraulic detention time of 3 minutes at design peak hour flow, sloped floors (e.g., 30 degrees), an inlet or inlet baffles to direct flow perpendicular to the spiral roll pattern, and methods to provide variable air rates (e.g., 3 to 8 standard cubic feet per minute (scfm) per linear foot). The design requests a deviation from the grit chamber design requirements based on the aerated tank doubling as a flow equalization. The membrane manufacturer confirmed that the project grit loading, and grit removal with diffused air mixing and tank HRT is in accordance with their required design window.
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FOR DIVISION USE ONLY - Self-Certification Acceptance Review					
The Engineering Section received and reviewed the Self-Certification Form for the above noted project. This review is based upon the review of the following documents:					
Date of Site Location Approval					
Date of Process Design Report (PDR) Approval					
Date of Self-Certification Form					
Division Review					
Final design documents have been affirmed to be consistent with the approved Site Application, PDR Approval Letter, and most recent version of the Design Criteria.	Yes	☐	No	☐	
The Self-Certification Form was signed by the Colorado registered professional engineer in responsible charge of the final plans and specifications.	Yes	☐	No	☐	
Project comments					
Signature of Engineering Section					
The Division acknowledges receipt of the self-certification form and accepts the request to self-certify the Final Design–Plans and Specifications for the proposed project, which can now move forward into the construction stage in accordance with item 22.13(1, par. 3) of the Water Quality Control Commission's Site Location and Design Regulations for Domestic Wastewater Treatment Works, 5 CCR 1002-22 (Regulation 22). All conditions and limitations of the Division's site location and process design report approvals are effective and enforceable.					
Name	Title	Signature	Date		
Email	Phone	Acceptance of Self-Certification	Yes	☐	
			No	☐	