

Permanent Water Quality Determination Worksheet (Taken from 2019 SDDTCM Sections 13.1.4 and 13.1.5)

Project: SIAN.Wilcox LLC

Project #: 20-0014

Applicant: SIAN.Wilcox LLC

Section	Non-applicable Sites Question	Response	Instructions
1.1	Will the project result in a temporary disturbance of greater than one acre?	☒ No Yes	Proceed to section 1.2. Proceed to section 2.
1.2	Is the project part of a larger common plan of development or sale where multiple separate and distinct construction activities may be taking place at different times on different schedules, but remain related and are within 1/4 mile of each other? (A common plan of development will generally be documented on a site development plan, master plan, or equivalent, for the property/project)	☒ No Yes	Proceed to section 1.3.
1.3	Is the project within the Cherry Creek Watershed?	Yes ☒ No	Proceed to section 2. Permanent water quality control measures may be required. Refer to Water Quality Control Regulation 72.7 for details and allowable exclusions. Permanent water quality control measures are not required.
2	Applicable Site Types and Exclusions by Variance		
Section	Question	Response	Instructions
2.1	Does the project have more than 35% impervious area on the existing site?	☒ No Yes	Project is an applicable Development Site. Proceed to section 3. Proceed to 2.2.
2.2	Does the project have greater than 75% impervious area on the existing site?	No Yes	Project is an applicable Redevelopment Site. Proceed to section 3. Project is an applicable Constrained Redevelopment Site. Proceed to 2.3.
2.3	Will 100% of the runoff from the existing and proposed site be captured and treated using one or more of the allowable design standards for permanent water quality?	Yes	No further action required.
2.4	Do any other water quality exclusions apply to the site?	No Yes	Proceed to 2.4. Portions of the project are excluded. Proceed with design in accordance with Constrained Redevelopment standards and apply for variance for <u>Constrained Redevelopment Sites</u> . Proceed to section 3. Following approval of other exclusions, design remaining site in accordance with Constrained Redevelopment standards and apply for variance for <u>Constrained Redevelopment Sites</u> .

3			Applicable sites with Other Exclusions by Variance	
3.1	Category 1: Roadways, bridges and trails only			
3.1.1	Is the project a bike or pedestrian trail?	Yes ☒ No Proceed to 3.1.2.	Proceed to next line.	
	Is the trail for a roadway?	Yes ☒ No Proceed to 3.1.2.	Proceed to 3.1.2.	
3.1.2	Is the project primarily used for parking or access to parking?	Yes ☒ No Proceed to 3.1.3.	Project is excluded. Submit variance for Trails Excluded from Permanent Water Quality Requirements.	
3.1.3	Does the project add impervious area?	Yes ☒ No Proceed to 3.1.4.	This exclusion does not apply. Permanent water quality is required.	
3.1.4	Does the project add more than 8.25 feet of paved width at any location to the existing roadway?	Yes ☒ No Proceed to next line.	Project is excluded. Submit variance for Pavement Management Sites Excluded from Permanent Water Quality Requirements.	
	Does the project add more than one acre of paved area per mile to an existing roadway?	Yes ☒ No Proceed to next line.	Project is excluded. Submit variance for Roadway Redevelopment Sites Excluded from Permanent Water Quality Requirements.	
	Does the project increase the width by two times or more, on average, of the original roadway area?	Yes ☒ No Proceed to next line.	Project is excluded. Submit variance for Roadway Redevelopment Sites Excluded from Permanent Water Quality Requirements.	
3.2	Category 2: Non-residential and non-commercial projects only	Yes	Existing areas of site are excluded only. Submit variance for Existing Roadway Surfaces Only Excluded from Permanent Water Quality Requirements.	
3.2.1	Is the project associated with oil and gas exploration, production, processing, or treatment operations or transmission facilities, including activities necessary to prepare a site for drilling and the movement and placement of drilling equipment?	Yes ☒ No Proceed to 3.2.2.	This exclusion does not apply. Permanent water quality is required.	
3.2.2	Is the project for stream stabilization?	Yes ☒ No Proceed to 3.2.3.	Project is excluded. Submit variance for Oil and Gas Exploration Sites Excluded from Permanent Water Quality Requirements.	
3.2.3	Is the project for installation or maintenance of aboveground or underground utilities or infrastructure that does not permanently alter the terrain, ground cover, or drainage patterns from those present prior to the construction activity including activities to install, replace or maintain utilities under roadways or other paved areas that return the surface to the same condition?	Yes ☒ No Proceed to 3.2.4.	Project is excluded. Submit variance for Stream Stabilization Sites Excluded from Permanent Water Quality Requirements.	
3.2.4	Is the project on undeveloped land (land with no human-made structures such as buildings or pavement) that will remain undeveloped after the project?	Yes ☒ No Proceed to 3.2.5.	Project is excluded. Submit variance for Aboveground and Underground Utilities Excluded from Permanent Water Quality Requirements.	
3.2.5	Will the post-project condition result in surface water discharge during the 80th percentile storm runoff event?	Yes ☒ No Proceed to 3.2.5.	Project is excluded. Submit variance for Undeveloped Land that will Remain Undeveloped Excluded from Permanent Water Quality Requirements.	
		Yes ☒ No Proceed to 3.2.5.	Project is excluded. Submit study along with variance for Non-residential and Non-commercial Infiltration Conditions Excluded from Permanent Water Quality Requirements.	
		Yes	This exclusion does not apply. Permanent water quality is required.	

Section	Question	Response	Instructions
3.3	Category 3: Residential, Agricultural and Commercial projects		
3.3.1	Is the project a single-family residential lot, or agricultural zoned lands, greater than or equal to 2.5 acres in size per dwelling unit?	Yes	Proceed to next line.
	Is the project site greater than 10% impervious?	No	Proceed to 3.3.2.
	Is the project site greater than 20% impervious?	No	Project is excluded. Submit variance for Large Lot Single Family Sites Excluded from Permanent Water Quality Requirements.
	Is the project site greater than 20% impervious?	Yes	Proceed to next line.
	Will the post-project condition result in surface water discharge during the 80th percentile storm runoff event?	No	Project is excluded. Submit study along with variance for Large Lot Single Family Sites Excluded from Permanent Water Quality Requirements.
3.3.2	Will 100% of the runoff from the residential or commercial site be captured?	Yes	This exclusion does not apply. Permanent water quality is required.
	Is all or a portion of the site undeveloped or will it remain undeveloped after construction?	No	This exclusion does not apply. Permanent water quality is required.
		Yes	Proceed to next line.
		No	This portion of the project is excluded. Submit variance for Sites with Land Disturbance to Undeveloped Land that will Remain Undeveloped Excluded from Permanent Water Quality Requirements. Proceed to next line.
	Is the remaining untreated impervious area greater than 20% of the site?	No	Proceed to next line.
	Is the remaining untreated impervious area greater than 20% of the site?	Yes	This exclusion does not apply. Permanent water quality is required.
	Is the remaining untreated impervious area greater than one acre?	No	Proceed to next line.
	Is it practicable to capture runoff from portions of the site that will not drain to a control measure?	No	This exclusion does not apply. Permanent water quality is required.
		Yes	Document justification demonstrating that it is not practicable to capture runoff from this portion of the site in the drainage report. No further action is needed.
		Yes	TA36:D72 This exclusion does not apply. Permanent water quality is required.