

CITY OF STEAMBOAT SPRINGS ENGINEERING STANDARDS

Standard Form No. 5 Drainage and Stormwater Treatment Scope Approval Form

Prior to starting a development plan and before the first drainage submittal, a Drainage and Stormwater Treatment Scope Approval Form must be submitted for review and signed by the City Engineer. A signed form shall also be included in every drainage submittal as Attachment A. This Scope Approval Form is for City requirements only. Values may be approximate. The City encourages supporting calculations and figures to be attached.

Project Information	
Project name:	River Front Park PUD
Project location:	1900 & 1920 Bridge Lane, Steamboat Springs, CO
Developer name/contact info:	SEAD, 970-871-9101
Drainage engineer name/contact info:	Matthew McLeod, PE 248-444-3268
Application Type:	PUD
Proposed Land Use:	Mixed Use (Commercial & Residential)
Project Site Parameters	
Total parcel area (acres):	4.5
Disturbed area (acres):	0
Existing impervious area (acres, if applicable):	~2
Proposed new impervious area (acres):	0
Proposed total impervious area (acres):	0
Proposed number of project outfalls:	0
Number of additional parking spaces:	0
Description and site percentage of existing cover/land use(s):	The site has multiple live/work units and work spaces.
Description and site percentage of proposed cover/land use(s):	There will be an application for PUD on the site. No new construction is anticipated as of the date of this letter.
Expected maximum proposed conveyance gradient (%):	Existing slopes to be maintained.
Description of size (acres) and cover/land use(s) of offsite areas draining to the site	No offsite areas appear to drain to the site.

CITY OF STEAMBOAT SPRINGS ENGINEERING STANDARDS

Type of Study Required:

- ☒ Drainage Letter
 ☐ Conceptual Drainage Study
☐ Final Drainage Study
 ☐ Stormwater Quality Plan

Hydrologic Evaluation:

- ☒ Rational Method
 ☐ CUHP/SWMM
 ☐ HEC-HMS
 ☐ Other _____

Project Drainage	
Number of subbasins to be evaluated:	1-2
Presence of pass through flow (circle):	YES <u>NO</u>
Description of proposed stormwater conveyance on site:	No new conveyance proposed. All existing conveyance will be evaluated and updated as needed.
Project includes roadway conveyance as part of design evaluation (circle):	YES <u>NO</u>
Description of conveyance of site runoff downstream of site, identify any infrastructure noted in Stormwater Master Plan noted as lacking capacity for minor or major storm event:	Various grass swales and culvert, eventually out to Yampa River, which is in close proximity.
Detention expected onsite (circle):	YES <u>NO</u> no additional detention proposed
Presence of Floodway or Floodplain on site (circle):	<u>YES</u> NO
Anticipated modification of Floodway or Floodplain proposed (circle):	YES <u>NO</u>
Describe culvert or storm sewer conveyance evaluative method:	mannings

Permanent Stormwater Treatment Facility Design Standard (check all that apply with only one standard per tributary basin):

- ☒ WQCV Standard
 ☐ TSS Standard
 ☐ Infiltration Standard
☐ Constrained Redevelopment WQCV Standard
☐ Constrained Redevelopment TSS Standard
☐ Constrained Redevelopment Infiltration Standard
☐ Does not Require Permanent Stormwater Treatment (attach Exclusion Tracking Form)

CITY OF STEAMBOAT SPRINGS ENGINEERING STANDARDS

Project Permanent Stormwater Treatment	
Justification of choice of proposed design standard, including how the site meets the constrained redevelopment standard, infiltration test results, etc.:	The existing water quality will be evaluated and maintained as needed.
Concept-level permanent stormwater treatment facility design details (type, location of facilities, proprietary structure selection, treatment train concept, etc.):	To be determined with final report.
Proposed LID measures to reduce runoff volume:	None
Will treatment evaluation include off-site, pass through flow (circle):	YES NO N/A

Approvals

Matthew McLeod, PE Four Points Engineering **8/2/2023** **248-444-3268**

Prepared By: _____ Date _____ Phone number _____
 (Insert drainage engineer name & firm)

Approved By: _____

Printed Name: _____ Date _____
 City Engineer

