

# Application for Use Of Small Site Storm Water Design



<b>Land Owner</b>	Signature			<b>Site Information</b>	Project Name (if applicable)		
	Print / Type Full Name				Site Address		
	Company (if applicable)				Square Feet of added Impervious	Square Feet of disturbed land	
	Address				Contractor Name (if applicable)		
	City	State	Zip		Contractor Address		
	E-mail				Contractor City	State	Zip
	Day Phone	Mobile Phone			Contractor Phone		

**Conditions:**

1. These designs are applicable for sites adding up to 3000sf of impervious surface and disturbing less than 6000sf.
2. A site plan sketch shall be submitted which shows the additional impervious area routed to a storm water management practice.
3. Emergency overflows shall be provided for extreme storm events.
4. Long term maintenance and monitoring agreement is required.
5. All necessary erosion control measures will be taken during construction.

Below is a chart providing four different options available to small site owners to meet the requirements of the City of River Falls Storm Water Management Ordinance.

Impervious Added (SF)	Option 1 SF of Raingarden bottom (1 foot deep)	Option 2 SF of Raingarden bottom (2 feet deep)	Option 3 LF of rock trench	Option 4 CF storage required for chamber system
500	100	70	45	180
600	120	84	49	196
800	160	112	57	228
1000	200	140	65	260
1100	220	154	69	276
1200	240	168	73	292
1400	280	196	81	324
1600	320	224	89	356
1800	360	252	97	388
2000	400	280	105	420
2200	440	308	113	452
2400	480	336	121	484
2600	520	364	129	516
2800	560	392	137	548
3000	600	420	145	580

**What you need to know:**

1. Chamber systems refer to any pre-engineered systems, such as StormTech SC-310 or CHAMBERMaxx. If Option 4 is utilized, standard details from the manufacturer shall be submitted with this application.
2. Storm Water permit application and review fee shall be submitted, financial guarantee will not be required
3. You must have a minimum of 1.0 in/hr measured infiltration rate (City can help measure rate)
4. Standard details of Options 1, 2 & 3 are available on the City's website or at City Hall (Details 3340-07 and 3340-08)
5. No deviations from these designs will be accepted. If deviations are desired, a professional engineer shall be hired to design the storm water management features of the site.
6. City shall be notified for an on-site inspection during construction to verify installation. Underground systems shall be inspected prior to being covered.

<b>City Approval</b>	City Engineer or Assistant City Engineer	Printed Name	Date
	Signature of Inspector	Printed Name	Date