

# Green Stormwater Infrastructure Mini-Grant Application

## Application and Agreement Form

Applicant's name			
Project address			
Email		Phone	

### Program Requirements (initial each)

- Check address for eligibility
  - Project must be within [King County Wastewater Treatment Division \(WTD\) service area](#)
  - Project must be located outside a [RainWise rebate basin](#)
  - Project must not be eligible for other incentive programs
  
- Installation completion date (must be after Nov 1, 2016) \_\_\_\_\_
- Landowner agrees to maintain the feature for a minimum of five years
- Recommended guidance was followed for the project
  - [Rain Garden Handbook for Western Washington](#)
  - [Cistern](#)
  - [Grattix](#)
  - [Depave](#)
  
- I have confirmed location of existing utilities (gas, electric, water, communications) to avoid conflicts ([www.callbeforeyoudig.org](http://www.callbeforeyoudig.org); or call 1 (800) 424-5555 (or 811))
- I have checked with [my local municipality](#) to confirm requirements for my project  
 Contacted \_\_\_\_\_ (name, title, agency) on \_\_\_\_\_ (date)  
**OR** followed established and approved guidelines for this type of GSI project  
 Name and Source of Guidelines Followed \_\_\_\_\_
- Project worksheet signed by owner (and tenant, if applicable)
- I hereby attest to legal ownership of the property

Stewardship Partners and \_\_\_\_\_ (landowner) hereby agree to the aforementioned granting terms and conditions:

Applicant Signature		Date	
Landowner Signature		Date	

## Green Infrastructure Mini Grant Award Calculation

Use the table below to estimate the grant total for your GI project(s)

Project Type (check all that apply)

- Rain Garden  
  Cistern to side sewer  
  Cistern to landscape  
  Green Roof  
 Depaving project  
  Grattix

I am applying as income-limited

(include income documentation (For homeowners: Meets HomeWise income guidelines or verified enrollment in a utility assistance program or food stamps. For non-profits: state or federal registration or non-profit letter of the non-profit organization status))

Project Type	Contributing Area (square footage of area where rainfall will be captured)	Grant/Square Footage	Total Grant (Contributing area X square footage, max of \$1,500/ project or \$4,500/project for income-limited landowners)
Rain garden		\$1/square foot Income limited: \$3/sq. ft.	
Green roof		\$0.75/square foot Income limited: \$2.25/sq. ft.	
Cistern draining to side sewer <small>*cistern must provide at least 1 gallon of storage per 2 sq. ft. of contributing area</small>		\$0.50/ square foot Income limited: \$1.50 sq. ft.	
Cistern draining to landscape <small>*cistern must provide at least 1 gallon of storage per 3 sq. ft. of contributing area</small>		\$1/ square foot Income limited: \$3/sq. ft.	
Grattix <small>* Grattix must provide at least 1 gallon of storage per 4 sq. ft. of contributing area</small>		\$0.95/ square foot income limited: \$2.85/sq. ft.	
Depaving project	(Total area depaved)	\$1/square foot Income limited: \$3/sq. ft.	

## GSI Project Budget

Use this worksheet to calculate all eligible expenses for your Green Infrastructure project.

Project Budget		
Item	Amount Paid	Paid To
Design Cost		
Materials (total)		
Plants		
Soils (compost, mulch)		
Hardware (e.g. plumbing)		
Cistern		
Equipment rental		
Other (identify)		
Labor Cost (licensed & bonded contractor only)		
Total Eligible Expenses		

Photocopy, scan, or attach photos of receipts and/or invoices for all expenses listed above.

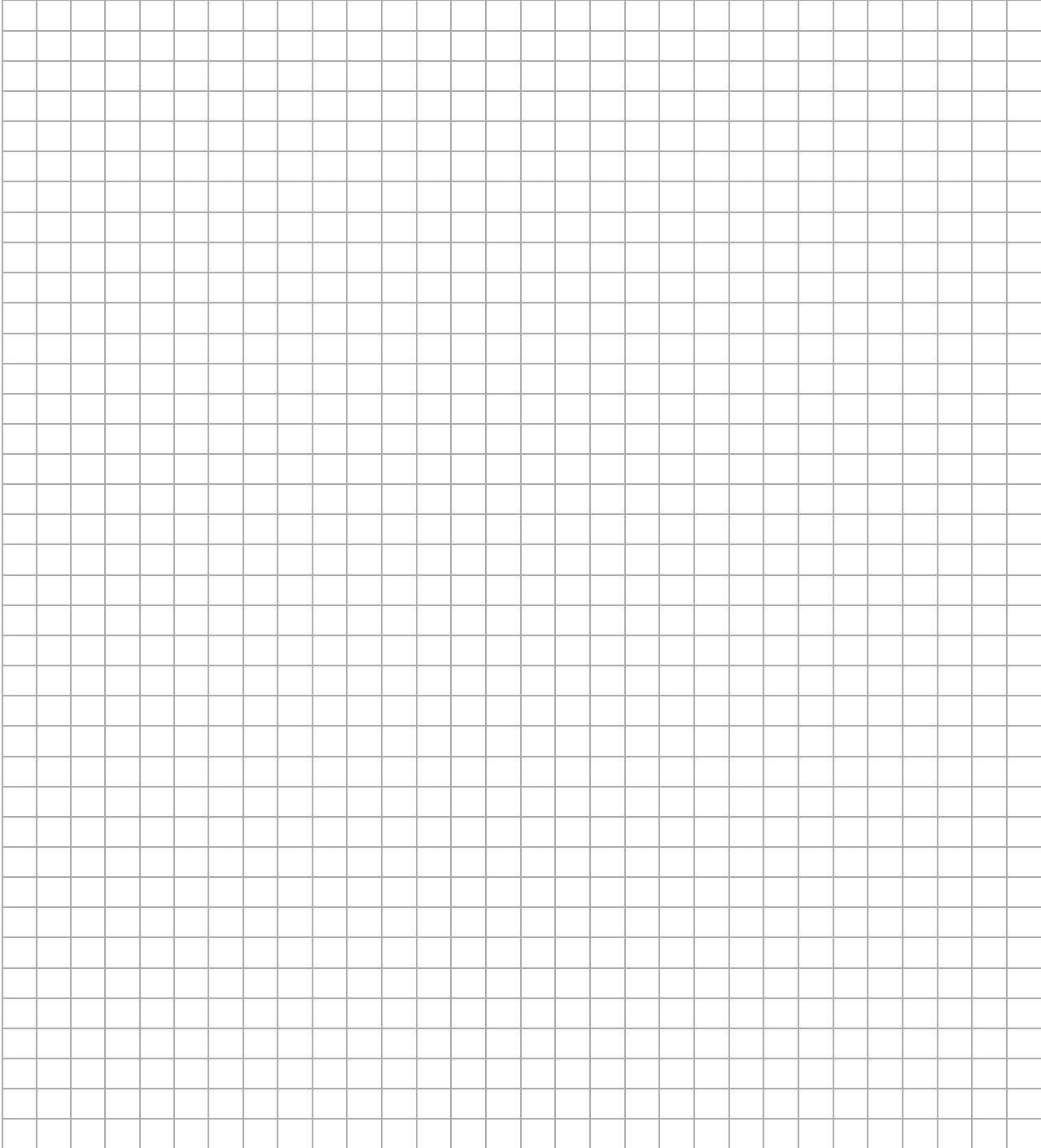
(Optional): To help us improve this mini-grant application program, please tell us the total cost of this project for you before mini-grant award:

- Check here if total cost = mini-grant award
- Check here if total cost > mini grant amount (total cost \$\_\_\_\_\_)
- Check here if you choose not to answer

# Site Sketch (for all project types)

Please draw an overhead view of the site, including rain gardens, cisterns, or other green infrastructure projects, along with all impervious surfaces (e.g. roof, paved surfaces, etc.). **Include a north arrow.**

Note: 1 square=\_\_\_\_\_ feet



## Additional Information

Please tell us how you found out about this grant (ex. neighbor, advertisement, another nonprofit, etc.). Please be as specific as you're comfortable with.

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*\*This information will not be included in application review\**

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## Mini-Grant Testimonial (optional)

Please tell us how this grant would help you or your organization have greater access to installing a green infrastructure project on your property.

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*\*This testimonial will not be included in application review and is optional\**

I understand my testimonial as outlined above (the "Testimonial") and made on behalf of Stewardship Partners it may be used in connection with publicizing and promoting. I authorize Stewardship Partners to use my name, brief biographical information, and the Testimonial as defined on this form.

Signature		Date	
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# Rain Garden Mini-Grant Worksheet

## Rain Garden Function and Safety

Rain gardens must be designed to meet or exceed standards as outlined in the [Rain Garden Handbook for Western Washington](#) and constructed to prevent harm to you, your neighbors, or their property. It is the landowner's responsibility to evaluate and ensure that the rain garden is functioning properly. Please review and initial the following checklist:

- I have determined how much contributing area will drain to my rain garden, and ensured that either no more than 2,000 square feet will drain to a single rain garden or that [local drainage codes](#) for more than 2,000 square feet of contributing area have been complied with.
- I have completed the [RainWise infiltration test and certification](#)
- My rain garden will be an adequate size for the amount of rainfall accumulated from the contributing area
- I have installed an overflow structure that directs excess water to a safe drainage system/area
- My rain garden is located at least 10 feet away from a building foundation, and a safe distance from steep slopes as defined by WA state and local law
- Registration of rain garden upon completion on Sound Impacts. Unique rain garden URL [www.soundimpacts.org/projects/](http://www.soundimpacts.org/projects/)\_\_\_\_\_ (complete URL for your rain garden)

## Rain Garden Maintenance Guidelines

- After heavy storms, clear debris from in and outflows, allowing water to flow freely, particularly during the fall season
- Replenish mulch as needed
- Watering your rain garden may be required during the first 2 years, particularly during the summer months, until a healthy root system is established
- Weeding may be necessary
- Fertilizers, herbicides, and pesticides are not recommended for rain gardens
- Fall is the best time to replace plants, if needed

**Certification:** I agree to observe my rain garden regularly to ensure that it functions properly, and I will follow the maintenance guidelines in the [Rain Garden Handbook for Western Washington](#) to the best of my ability.

Signature		Date	
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## Recommended Rain Garden Resources

- [Rain Garden Handbook for Western Washington](#) (required for any rain garden project)
- Attend a rain garden workshop ([Upcoming events](#))
- Watch the 32-minute video: [Building a Rain Garden in the Pacific Northwest: Keeping Our Pacific Northwest Waters Clean](#)
- [12000raingardens.org](http://12000raingardens.org) Resource Library
- [Rain Garden Care Guide](#)

# Cistern Mini-Grant Worksheet

## Cistern Function and Safety

Cistern systems must be designed to meet or exceed the [RainWise Program's standards](#) and constructed so they cause no harm to you or your neighbors. It is the landowner's responsibility to evaluate and ensure that the cistern is properly functioning.

Please review and initial the following checklist:

- To the best of my knowledge, my cistern holds water properly and has no leaks
- I have taken adequate precautions to ensure that my cistern is securely installed for earthquake protection
- The discharge overflow of my cistern flows to an approved location or stormwater conveyance system at least 10 feet away from any structure with a basement, or slab foundation
- My cistern is outdoors, secured to a solid and level foundation.
- During the wet season (September-April) I will leave the cistern drain valve open or utilize a low flow orifice system which will discharge to a safe location, ensuring between rain events the cistern will restore its capacity.
- Registration of cistern on Sound Impacts. Unique URL:  
[www.soundimpacts.org/projects/](http://www.soundimpacts.org/projects/)\_\_\_\_\_ (complete URL for your project)

## Cistern Maintenance Guidelines

- Check cistern screen for debris
- Once a year, check the inside of your cistern and remove any excess sediment that may have passed through the filter screen. Some amount of algae or "biofilm" is fine, even beneficial, but ensure spigot and low-flow outlets are clear
- Check the low-flow orifice to ensure it is working properly
- Close the low-flow valve in May to save for summer watering. As the rainy fall season approaches, open the valve Oct. 1st to allow flow.

## Cistern Function

Observe your cistern during and after rain events. Observe the overflow and low-flow pipes to ensure that water leaving the cistern discharges to the approved discharge location and not your neighbor's property or your basement.

## Leaks

Observe your cistern and plumbing. Your cistern should not leak. Leaks at plumbing joints may be fixable with silicone. If your cistern does not function properly, make repairs as soon as possible to prevent more significant problems, or notify your contractor. As the homeowner, you are responsible for repairs to your cistern and its proper function, as well as any damages a faulty system may cause.

**Certification:** I have observed my cistern and its function, and assert that it holds water without leaks, discharges over time through a low flow orifice, and overflows to an approved discharge location.

Signature		Date	
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# Depave Mini-Grant Worksheet

## Depave Function and Safety

Depave projects must be designed to meet or exceed standards as outlined in the [How to Depave: The Guide to Freeing Your Soil](#) and constructed to prevent harm to you, your neighbors, or their property. It is the landowner's responsibility to evaluate and ensure that the area is depaved correctly and the new landscape is functioning properly.

Please review and initial the following checklist:

- I have determined what the total area of my depave project will be and have gotten all necessary permits (for a first time depaving project, it is recommended to start small, 500 square feet or less)
- I have performed the Infiltration Test & Soil Testing as outlined in the [How to Depave: The Guide to Freeing Your Soil](#)
- I have located my utilities - Call Before You Dig (call 811) – and verified that this project will not impact them nor create any utility-based risks to safety
- I have a plan for how my newly depaved greenspace will be used
- Registration of depave completion on Sound Impacts. Unique depave URL [www.soundimpacts.org/projects/](http://www.soundimpacts.org/projects/)\_\_\_\_\_ (complete URL for your depave)

## Depave Maintenance Guidelines

- Soil: Restore soil by breaking up and aerating it, add new soil and/or soil amendments if needed
- Landscape: ensure that newly planted vegetation is watered once per week during May to June and two times per week during July to September or any particularly dry period. Irrigation/watering is especially important for the first 2 years after planting.
- Landscape: Apply new mulch yearly to maintain 1-3 inches of mulch, weed and prune as needed
- Regularly remove garbage or inflow blockages from any stormwater facilities (e.g. rain gardens)

**Certification:** I agree to observe my depaved area regularly to ensure that it functions properly, and I will follow the maintenance guidelines in the [How to Depave: The Guide to Freeing Your Soil](#) to the best of my ability.

Signature		Date	
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Recommended Depave Resources (please indicate those that you used)

- [How to Depave: The Guide to Freeing Your Soil](#) (required for all depave projects)
- [Depave Resource Library](#)
- [Watch a Depave video](#)
- Contact [Depave Puget Sound](#) for assistance

*Note: If you are installing a rain garden after depaving, please submit "Rain Garden Mini Grant Worksheet" in addition to this worksheet.*



# Green Roof Mini-Grant Worksheet

Green roofs are defined by the [Low Impact Development Technical Guidance Manual for Puget Sound](#) as thin layers of engineered soil and vegetation constructed on top of conventional flat or sloped roofs. Green roof projects must be designed to meet or exceed standards as outlined in **Section 6.5 Vegetated Roofs** (pg. 217) of this manual and constructed to prevent harm to you, your neighbors, or their property. It is the landowner’s responsibility to evaluate and ensure that the green roof is installed correctly and is functioning properly.

*Please review the following checklist and sign below:*

## Green Roof Project Design Guidelines

- Applicant must obtain all appropriate permits.
- Roof surface must have less than 45-degree pitch.
- Green roof must have drainage component (drain mat or granular drainage media).
- Installed soil mix must be between 70-90% inorganic/mineral material, with the remainder being primarily organic (e.g. certified compost). If soil varies from this recommended range, written justification for that variance must be provided.
- Installed plants should have proven capacity to tolerate rooftop growing conditions.
- When saturated, weight should not exceed: 10-25 pounds of vegetation per square foot (extensive green roof) or 80-150 pounds of vegetation per square foot (intensive green roof).
- Registration of green roof completion on [Sound Impacts](#). Unique URL: [www.soundimpacts.org/projects/](http://www.soundimpacts.org/projects/)\_\_\_\_\_ (complete URL for your project)

## Green Roof Project Maintenance Guidelines

- Applicant must agree to maintain the project for at least 5 years.
- Project area must be safely accessible for maintenance on a regular basis.
- Applicant has planned for irrigation, which may be necessary for the first 3 years.
- Applicant agrees to follow maintenance guidelines as defined on page 225 of [the Low Impact Development Technical Guidance Manual for Puget Sound](#).

**Certification:** I certify that my green roof project follows the above guidelines and that all applicable guidance has been followed for the installation of my project.

Signature		Date	
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