

Rainwater Recovery™ Inc.

Information Helpful for Preliminary Project Evaluation

1. Site plan drawn to engineering or architectural scale with:
 - Property boundaries and any easements or restrictions shown;
 - Structure(s) located on it with downspout locations identified from which water will be collected;
 - Site utility locations and identification, and;
 - Spot or contour elevations in vicinity of subject structures and location of rainwater harvesting and/or recharge system.

2. Completed System Configuration Questionnaire.

3. Note – not all questions will pertain to your project. Please fill out as completely as possible and email to info@rainwaterrecovery.com . Thank you.

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System Configuration Questionnaire for:

[Property Name and Location]

1. If rainwater harvesting is to be part of the project, what storage volume is required? If unknown, provide description of intended use(s) or area to be irrigated and we will provide a range of suggested volumes for the system.

(note – a table relating irrigated area to weekly water use can be found on the FAQs section of our web site, www.rainwaterrecovery.com).

Depending on the volume of storage desired, partially or fully-below ground installation may be necessary. Please indicate if below-grade installation is specifically desired or required.

2. Is Recharge infiltrator, installed downstream of the storage vault, desired or required as part of the project?
 - a) If Yes to (2), are soil perc or infiltration rates known, available or proposed to be evaluated at the subject location of the infiltrator?
 - b) If No to (2a), published soil survey information for the area will be used to estimate the required soil properties for design, and a 2.5” rainfall event in 24-hours will be used for storm flow calculations (design storm may be different if stipulated by local conservation or other regulatory body).
 - c) If Yes to (2), will recharge system overflow pipe (required) discharge to ground surface or to existing storm sewer? (Not applicable to all projects).
 - d) If No to (2), will overflow for the storage system (required) discharge to ground surface or to existing storm sewer? (Not applicable to all projects)

3. Are any Order of Conditions, wetlands set backs or other environmental or permitting covenants in affect at the property?

4. Are gutters and downspouts currently in place and functioning properly at the subject structure or facility?
 - a) What amount of tree cover is adjacent to the catchment roof?
 - b) What is the roofing material composed of? (Some roof materials are inappropriate)

5. If drainage conduits leading from the facilities downspouts are not yet in place or are in need of repair/replacement, will Rainwater Recovery design and install this conduit from the downspouts to the storage system, or will this be done by others?
6. Will Rainwater Recovery supply the following trades as part of the contract or will this be done by others:
 - a) Excavation and backfilling subcontractor and laborer?
 - b) Licensed plumber for internal connections?
 - c) Licensed electrician for internal connections?
 - d) Finish landscaping and replanting of grassed areas or patching of driveway areas?

If excavation and backfilling are done by others, Rainwater Recovery Inc. will need to be present for field survey control of excavation subgrade and drainage lines, or an excavation performance specification may be issued as an alternate. Costs incurred for field adjustments to excavation or drain line location, elevation and subgrade preparation will be born by the customer in addition to contract prices.

7. For rainwater harvesting systems, is connection to a back-up water supply desired?
 - a) If Yes, is failover to be manual or automatic? (Price increment for automatic failover starts at approximately \$2,000, and may be higher depending on system features and complexity).
 - b) If Yes to (7), will there be more than one back-up supply (such as a well and domestic water supply)? If yes, provide sources and locations of connections.
8. For rainwater harvesting systems, will the system be required to operate year-round so that cold climate considerations will be addressed by the design?
9. For rainwater harvesting systems, will space for the pump and controls be provided inside a building, basement, outbuilding or shed, or will these be housed outside of site structures? (Some enclosure will be required for the pump and related electronics).

Is 115/230 Volt power available near the pump for power supply?
10. Will construction material staging space be made available on site? Staging requirements are approximately 1,000 sq. ft. for each 10,000 gallons of storage being installed.
11. Will on-site restroom facilities be available for use by work crews? Temporary facilities will be budgeted if no other exists at the work site.
12. Who would be the contractual client for our services? Describe project team?