# Rainwater Harvesting Inspection and Maintenance Recommendations

Inspection Items:

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| **Activity** | **Schedule** | **Responsible Party** |
| Check that access covers to storage systems are secure. | Every Three Months |  |
| Inspect storage system for presence of unwanted pests, such as rots, birds, frogs, and other animals. | Every Three Months |  |
| Check screens, filters, vents, and other openings for damage and are securely fastened. | Every Three Months |  |
| Inspect health of irrigated grass or plants. | Every Three Months |  |
| If rainwater is provided for indoor use, inspect and verify that treatment system is operational and maintaining minimum water quality requirements as determined by local health officials. | Every Three Months |  |
| Check for cross-connections and inappropriate tappings by checking visible plumbing fittings. | Annually and after any plumbing work |  |
| Check conditions of collection surface material. | Annually |  |
| Inspect for damage and clogging of overflow pipes, and check for erosion at the overflow discharge point. | Annually |  |
| For underground and indoor systems, downspouts and overflow components should be checked for ice blockages | During snowmelt events |  |
| Check sediment levels in tank.  | Every Three Years |  |
| Check integrity of backflow preventer | Every Three Years |  |
| Inspect structural integrity of tank, pumps, pipes, and electrical components | Every Three Years |  |

Maintenance Items:

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| **Activity** | **Schedule** | **Responsible Party** |
| Maintain water quality devices | According to manufacturer |  |
| Replace damaged or defective system components  | As needed |  |
| Clean and clear debris from all screens and inlet filtration. Clear leaves and other debris from gutters and downspouts.  | Every Month |  |
| Clean first flush diverters and pre-screening devices. | Every Three Months |  |
| Remove any algae growth. | Semi-annually |  |
| Flush gutters, to clear organic matter and reduce clogging. | Annually or as needed |  |
| If not protected from freezing, above ground storage systems should be taken offline and drained for the winter. | Annually |  |
| Inspect and clean storage tank lids and mosquito screens. | Annually |  |
| Drain, clean out, and check the condition of tank walls and roof for holes due to deterioration. | Every Three Years |  |
| If safe and permitted, prune tree branches and vegetation that overhang the roof. | Every Three Years |  |

I certify the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ commits to the specific work elements in this plan for the duration of 10 years from date of the practice certified as completed.

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 Signature Title Date