

Site ID/Name: _____ Location: _____ Inspector: _____ Date: _____

Cisterns

Date of last inspection: _____

Approximate time since last rain: < 24 h 24-48 h >48 h

Approximate size of last rain: < 0.5 in. 0.5-1 in. >1 in.

Note: 'Yes' typically indicates maintenance is needed

General:

- 1. Is access to the site adequately maintained for inspection? Yes/No
- 2. Above Ground: Are there any structural issues with cistern foundation? Yes/No

Drainage Area: (pertains to the surrounding area that will contribute runoff to the cistern).

- 3. (If applicable) Are grass clippings present in the any area that drains to a cistern? (*Note: grass clippings should be removed*). Yes/No
- 4. Are exposed or actively eroding areas present? Sedimentation? Yes/No
- 5. Is sediment or debris obstructing flow paths or gutters to cistern(s)? Yes/No

Inlet Structure / Pretreatment:

- 6. Is there evidence of bypass of the inlet, such as disconnected gutters or downspouts, leaks, erosion (gullies or rills), around inlet or pre-treatment? Yes/No
- 7. Is there trash/debris/sediment in or around inlet structures? Yes/No
- 8. Is screen and/or trap secured in place and functioning properly? Yes/No
- 9. Has material collected on the screen or in the trap? Yes/No
- 10. Are there any signs of structural damage? Yes/No
- 11. If present, is first flush collector free of material and operating properly? Yes/No

Main Tank:

- 12. Any signs of structural issues? Yes/No
- 13. Any evidence of leaks? Yes/No
- 14. Approximate depth of water in cistern? _____ In./Ft.
- 15. Approximate depth of sediment in cistern? _____ In./Ft.
- 16. Any signs of algal growth in cistern? Yes/No
- 17. Any signs of prolonged storage (storage not decreasing between storms)? Yes/No

If present:

- 18. Is float-switch non-functional? Yes/No
- 19. Is pump non-functional or functioning below intended performance? Yes/No
- 20. If used for irrigation, are plants healthy? Yes/No

Emergency Overflow / Outlet Structure:

- 21. Is there any structural damage to outlet structures? Yes/No
- 22. Are any areas showing erosion? Yes/No
- 23. Is there accumulation of trash, debris, or sediment in or around outlet structures? Yes/No
- 24. Is there evidence of erosion, or flooding around structures? Yes/No

Recommended Maintenance:

Examples of Potential Issues



8,9 Clear screens



8,9 Clear screens



5 Clear gutters



5 Clear gutter debris



8,9 Clear screens



18,19 Inspect pumps



16 Algae in cistern



18,19 Inspect pump



5 Clear Gutters



11 Check first flush collector



6 Check for leaks



22 Erosion



1 Accessibility