

Cradle to Cradle™ Certification Applicant Data Form -- Water Appendix**Contact Information**

- A) Applicant Company: _____
- B) Manufacturer: _____
(if not 'Applicant Company')
- C) Product Trade Name: _____
- D) Contact Person: _____
- E) Contact Information: _____
- F) Facility Label/Name: (e.g., "Facility A") _____

Water Balance

This worksheet asks you to measure and report annual values for each category below (i.e., sources/withdrawals; storage; use; discharge). Please copy and complete this form for each facility in which the finished product is assembled or manufactured.

I. Sources / Withdrawals**A) Billed Sources**

- 1) Municipal Supply _____ m³
- 2) Hauled _____ m³

B) Pumped by Facility

- 3) Surface Water _____ m³
- 4) Groundwater _____ m³

C) Other Sources

- 5) Collected Rainwater (monitored) _____ m³
- 6) Collected Rainwater (not monitored) 0 m³

Calculation of unmonitored rainwater estimate:

- 6a) Area of collector _____ m²
- 6b) Annual rainfall _____ mm

Estimate = [(6a) * (6b)] / 1000 <-- this value will be entered into blank (6) above

- 7) Any Other Sources _____ m³

Description: _____

D) Total for All Sources/Withdrawals

- 8) Total Estimate 0 m³
= (1) + (2) + (3) + (4) + (5) + (6) + (7) <-- this value will be entered into blank (8) above

II. Storage

E) Total for All Storage Facilities

9) Storage at Beginning of Year	_____	m ³
10) Storage at End of Year	_____	m ³
11) Net Addition to Storage	(10) - (9) = 0	m ³

The net addition to storage can be negative, if over the year there is a net withdrawal from the storage facilities. In this case, the amount in (9) will be greater than the amount in (10).

III. Use

Please record all water use types and their annual volumes. Please review the list of potential water uses at the end of this form to identify possible data sources for this section.

F) Total for All Uses

12) Embodied in Products	_____	m ³
13) Process and Equipment Use	_____	m ³
14) Cooling and Heating	_____	m ³
15) Other Facility Support	_____	m ³
16) Personnel	_____	m ³
17) Sanitary and Domestic	_____	m ³
18) Outdoor Uses	_____	m ³
19) Total Estimate	0	m ³

= (12) + (13) + (14) + (15) + (16) + (17) + (18) <-- this value will be entered into blank (19) above

IV. Discharge

G) Metered or Billed

20) Treatment Plant	_____	m ³
21) Hauled	_____	m ³
22) Other	_____	m ³

H) Direct Discharge

23) Surface Water	_____	m ³
24) Groundwater	_____	m ³
25) Any Other Discharges	_____	m ³

Description: _____

I) Totals for All Discharges

26) Total Estimate	0	m ³
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= (20) + (21) + (22) + (23) + (24) + (25) <-- this value will be entered into blank (26) above

V. Balance

By balancing the different categories of sources/withdrawals, storage, use and discharge against one another, any remainder can be attributed to one or more of the following:

- Water that is fully consumed and cannot be recovered
- Water that leaks or evaporates from the system
- Statistical/measurement errors

Sources	(+)	0	m ³
Net Storage	(+)	0	m ³
Use	(-)	0	m ³
Discharge	(-)	0	m ³
Total Remainder		= 0	m ³

Each of the categories above can provide opportunities for water conservation and should be assessed for such opportunities.

Potential Types of Water Use

- | | |
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| <ul style="list-style-type: none"> Embodied in Products Process and Equipment Use <ul style="list-style-type: none"> Cleaning Metal finishing Painting Dyeing and finishing Photo processing Product fluming (water transport) Cooling and Heating <ul style="list-style-type: none"> Single-pass cooling Cooling towers/chillers Boiler, hot water, steam systems Air washers Boiler scrubber Other Facility Support <ul style="list-style-type: none"> Floor washing Air emission wet scrubbers Building washing Quality assurance testing Laboratories Wastewater treatment | <ul style="list-style-type: none"> Personnel <ul style="list-style-type: none"> Consumption Medical Sanitary and Domestic <ul style="list-style-type: none"> Toilets Urinals Faucets Showers Kitchen <ul style="list-style-type: none"> Cafeteria uses Dishwashers Ice machines Faucets/taps Outdoor Uses <ul style="list-style-type: none"> Landscaping Irrigation Particulate emission control Decorative fountains/ponds Vehicle washing |
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This form is adapted from "Annex 1: Worksheet for Estimating Water Balance" from the Water Protocol of the Global Reporting Initiative (GRI) <<http://www.globalreporting.org/guidelines/protocols.asp>> .