

Water & Soil Stewardship Data Worksheet - Withdrawals, Discharges, and Consumption

Cradle to Cradle Certified® Product Standard

Fill out a Water & Soil Stewardship data sheet for each of the facilities included in the final manufacturing stage of the product. The data provided must be for the entire facility (not only the certified product).

Once complete for all relevant facilities, the information provided in this data sheet allows an applicant to fulfill the requirements in Section 7.3 of the Cradle to Cradle Version 4.0 Product Standard.

This data sheet also helps to identify whether a facility is high volume or pollutant intense, which is necessary for determining which of the Bronze, Silver, Gold, and Platinum level requirements are applicable. The data collected via this form will also be useful in achieving the Water & Soil Stewardship Transparency requirements in section 7.8.

The data reporting format in this worksheet was adapted from the Global Reporting Initiative (GRI) 303: Water and Effluents, 2018.

Note: Guidance and definitions are located in pop-up notes where there are red triangles in the corner of a cell. Click into individual cells with red triangles to see the notes.

Applicant and Facility Information		Summary	
Applicant Company:	CARTIERE DI GUARCINO S.p.A.	Total Withdrawal:	Year 1
Applicant Product(s):	DECORATIVE PAPER FAMILIES		Year 2
Manufacturing Facility:	Cartiere di Guarcino facility (CDG facility)	Total Discharge:	
Address:	VIA MADONNA DI LORETO, 2 (03016, GUARCINO)	Total Consumption:	
Country:	Italy		
Date range year 1:	2021		
Date range year 2:	2022		

Water Withdrawals by Source and Type		2021	2022	Water body name(s), name of third-party, and other comments
Surface water	Fresh	1.811.417	1.499.428	Cosa River
	Other			
Groundwater	Fresh			
	Other			
Seawater	Fresh			
	Other			
Produced water	Fresh			
	Other			
Third-party water	Fresh			
	Other			
	Surface water			
	Groundwater			
	Seawater			
Total water withdrawal		1.811.417	1.499.428	
Total freshwater		1.811.417	1.499.428	
Total other water		0	0	
Other Sources				
Stored water (used but not included in withdrawals for year)				
Other (used but not included in withdrawals for year)				
Recycled water		669.312	710.400	
Percentage of water recycled out of total withdrawn			47%	
High-volume facility?		Yes	Yes	

Water Discharge by Destination and Treatment Method		Year 1	Year 2	Comments including (as relevant): Water body name, description of treatment process(es)*, including how sludge is managed. For onsite treatment, indicate treatment equipment capacity. For off-site third-party treatment indicate facility name and location and whether there are any known issues with the third-party adequately treating the effluent received.
Direct discharge to surface water	Without treatment	1.561.728	1.065.600	On site treatment counts with homogenization, lifting and pressurization, air introduction with Press-Mixer Cone System 555C, primary sedimentation (Bi-Clarify 600 KP/DELTAFLOAT), flotation, clarification, sand filtration, clarification, separation of sludges, dehydration of sludge. Automatic sampling with ENDRESS+HAUSER / ASPSTATION 2000 after discharge Water body name is Cosa River Treatment capacity is 4,580m3/day Find all documents and permits in WSS folder
	After primary treatment			
	After secondary treatment			
	After tertiary treatment			
Direct discharge to groundwater	Without treatment			There is not direct discharge to groundwater
	After primary treatment			
	After secondary treatment			
	After tertiary treatment			
Direct discharge to seawater	Without treatment			There is not direct discharge to seawater
	After primary treatment			
	After secondary treatment			
	After tertiary treatment			
Discharge to third-party	After onsite pre-treatment			There is not discharge to third-party
	Without onsite pre-treatment			
	Sent to other organization(s) for use			
Freshwater discharge (total)		1.561.728	1.776.000	NOTE: the sum of freshwater and other water discharge should equal total water discharge. However, these values are not used in the total calculation.
Other water discharge (total)				
Total water discharge		1.561.728	1.065.600	

Water Consumption by Source and Type		Year 1	Year 2	Comments
Surface water	Fresh	249.689	433.828	All water consumption comes from surface water
	Other			
Groundwater	Fresh			
	Other			
Seawater	Fresh			
	Other			
Produced water	Fresh			
	Other			
Third-party water	Fresh			
	Other			
	Surface water			
	Groundwater			
	Seawater			
Total water consumption (sum of rows 62-75)		249.689	433.828	
Total water consumption (total withdrawals and other sources - total discharge)		249.689	433.828	

Key material (or product) manufactured at this facility using pollutant intense processes:	Paper → Pulp dilution and dewatering	Important to keep in mind that pulp manufacturing does not occur in this facility, but rather the Applicant purchases the pulp directly manufactured.
Additional key material (or product) manufactured at this facility using pollutant intense processes:	SELECT the relevant material produced and associated pollutant intense processes occurring at this facility (if any).	No more additional key materials are manufactured at this facility

* Provide the following documentation if relevant: Permits, associated test data (see standard section 7.2), and technical documentation for any onsite treatment equipment

The following section is optional.

Water Uses		Year 1	Year 2	Comments
Category	Sub-category			
Embodied in products Process and equipment use Cooling and heating Other facility support Personnel (e.g. consumption) Sanitary and domestic Outdoor uses (e.g. landscape) SELECT use category SELECT use category SELECT use category				
Total use		0	0	