

MATERIAL TOPIC: WATER, INCLUDING PRODUCED WATER	2021	2022	2023	2024	2025	CONTEXT	SASB
Annual Production - Annual Report figure, financial control: boe	31,173,190	31,093,255	30,657,810	30,858,195	43,770,435		
Annual Production - Operated facility throughput including third-party volumes: boe	36,865,352	35,634,107	32,961,096	32,072,704	43,735,081	Use for water intensity calculations to ensure numerator/denominator alignment	
WATER WITHDRAWALS	2021	2022	2023	2024	2025		
Total water withdrawal including produced water: ML	65,605	62,658	42,922	37,610	37,963	Reporting aligned with CDP's definitions & informed by SASB EM-EP-140a.1 and 2; includes unit conversion from m3 to ML (ML = m3/1000)	EM-EP-140a.1 303-3
Canada	31,638	30,580	17,033	6,594	4,480	2023-2024 reduction from Saskatchewan Queensdale divestment	
France	13,709	12,982	12,957	12,819	12,568		
Netherlands	15	19	39	42	25		
Australia	18,912	17,500	11,123	16,627	19,400		
United States	302	393	654	496	319	2023 increase due to drilling and completions program	
Germany	1,005	1,109	1,060	949	1,078		
Central and Eastern Europe	0.9	2.5	0.1	3.7	9.2		
Ireland	24.2	72.9	55.6	79	84		
Total water withdrawal excluding produced water and flowback: ML	9,590	9,819	9,822	9,952	10,065	Approximately 85% of water withdrawal is produced water	
Canada	154	334	342	532	299		
France	420	420	360	363	373		
Netherlands	5	13	20	20	13		
Australia	8,949	8,992	8,942	8,967	9,300		
United States	51	0	112	4.3	2.6		
Germany	0.7	1.0	0.9	1.0	4.5		
Central and Eastern Europe	0.9	2.5	0.1	0.1	0.1		
Ireland	9	58	45	65	74		
Total Water Withdrawal including produced water, by source							
Surface/Freshwater, including rainwater, wetlands, rivers, lakes: ML	124	368	372	575	363	Total dissolved solids <10,000mg/L	EM-EP-140a.1
Canada	124	312	324	505	294	2021 increase offset by reduction in renewable groundwater; 2022 increase due to new Mica operations	
France	0	0	0	0	0		
Netherlands	0	6	13	14	5		
Australia	0	0	0	0	0		
United States	0	0	0	0	0		
Germany	0	0	0	0	0		
Central and Eastern Europe	0	0	0	0	0		
Ireland	0	50	35	56	65		
Surface/Brackish water, including oceans: ML	8,949	8,992	8,942	8,967	9,300	Total dissolved solids >10,000mg/L	
Australia	8,949	8,992	8,942	8,967	9,300	Only applicable in Australia	
Groundwater - renewable: ML	436	425	477	369	365	Generally shallower groundwater resources that can be replenished/recharged within ~50 years	EM-EP-140a.1
Canada	22	13	13	12	0		
France	414	412	352	353	363	2023 decrease due to replacement of groundwater well with pipeline for recycled water	
Netherlands	0	0	0	0	0		
Australia	0	0	0	0	0		
United States	0	0	112	4	2	No drilling program in 2024	
Germany	0	0	0	0	0		
Central and Eastern Europe	0.0	0.0	0.0	0.1	0.0		
Ireland	0	0	0	0	0		
Groundwater - non-renewable, excluding produced water and flowback: ML	50	0	0	0	0	Generally deeper groundwater resources that have negligible recharge within ~50 years	
United States	50	0	0	0	0		
Groundwater - non-renewable, produced water and flowback: ML	56,016	52,838	33,101	27,658	27,898	Includes formation water, flow-back water and condensation water	
Canada	31,484	30,246	16,691	6,063	4,181	2023-2024 reduction from Saskatchewan Queensdale divestment	
France	13,289	12,562	12,597	12,456	12,195		
Netherlands	9	7	19	22	12		
Australia	9,963	8,508	2,181	7,660	10,100		
United States	251	393	542	492	316	Includes third-party produced water volumes	

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Germany	1,004	1,108	1,060	948	1,074		
Central and Eastern Europe	0.0	0.0	0.0	3.6	9.1		
Ireland	15	15	11	14	11		
Third-party sources - Municipal water supplies or utilities: ML	29	35	30	41	37		EM-EP-140a.1
Canada	7	9	4	14	5		
France	6	8	8	10	11		
Netherlands	5	7	7	6	7		
Australia	0	0	0	0	0		
United States	0	0	0	0	0		
Germany	1	1	1	1	5		
Central and Eastern Europe	1	2	0	0	0		
Ireland	9	8	10	9	9	Dominantly onsite domestic uses	
Total Freshwater Withdrawal = renewable groundwater + surface water + third party potable sources: ML	590	828	880	985	765		EM-EP-140a.1
Total freshwater intensity: ML/operated boe	0.000016	0.000023	0.000027	0.000031	0.000017	Freshwater defined as surface/freshwater + groundwater renewable + third-party sources	
Water sources significantly affected by water withdrawal: #	0	0	0	0	0	Sustained inability to meet human &/or ecological requirements of availability, quality or accessibility	
Water recycled and reused = reduction in water use: ML	0	0	53	130	151		
Canada	0	0	53	130	151		
WATER DISCHARGE	2021	2022	2023	2024	2025	Effective 2019, water discharge is reported in alignment with CDP definitions for destinations	
Total water discharge all destinations, including produced water and flowback: ML	65,603	62,655	42,962	37,650	37,580		
Canada	31,638	30,580	17,073	6,634	4,459	2023-2024 reduction from Saskatchewan Queensdale divestment	
France	13,709	12,982	12,957	12,819	12,206		
Netherlands	13	16	39	42	25		
Australia	18,912	17,500	11,123	16,627	19,400		
United States	302	393	654	496	319		
Germany	1,005	1,109	1,060	949	1,078		
Central and Eastern Europe	1	2	0.1	4	9.2		
Ireland	24	73	56	79	84		
Total water discharge excluding produced water and flowback: ML	9,588	9,816	9,573	9,969	9,581		
Canada	154	334	93	550	177		
France	420	420	360	363	11		
Netherlands	3	10	20	20	13		
Australia	8,949	8,992	8,942	8,967	9,300		
United States	51	0	112	4	3		
Germany	1	1	1	1	5		
Central and Eastern Europe	1	2	0	0	0		
Ireland	9	58	45	65	74		
Surface/Brackish water, including oceans: ML	18,912	17,549	11,158	16,683	19,465		
Australia	18,912	17,500	11,123	16,627	19,400		
Ireland	0	50	35	56	65	No produced water discharged offshore 2020-2023; 2022-2024 volumes include discharge of treated rainwater	
Groundwater - renewable: ML	11	73	100	50	4		
Canada	10.7	65	90	41	4		
France	0	0	0	0	0		
Netherlands	0	0	0	0	0		
Australia	0	0	0	0	0		
United States	0	0	0	0	0		
Germany	0	0	0	0	0		
Central and Eastern Europe - Hungary and Croatia	0	0	0	0.1	0.1		
Ireland	0	8	10	9	0	Septic system weeping bed	

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Groundwater - non-renewable, excluding produced water and flowback: ML	446	412	352	357	2		
United States	32.3	0	0	4	2		
France	414	412	352	353	363	Historical third-party volumes reassigned in 2026	
Groundwater - non-renewable, produced water and flowback: ML	46,005	44,275	30,923	19,999	17,890		EM-EP-140a.1
Canada	31,442	30,207	16,599	6,085	4,283	2023-2024 reduction from Saskatchewan Queensdale divestment; 311 ML added to balance withdrawals (estimated related to unrecovered frac fluid)	
France	13,289	12,562	12,597	12,456	12,195		
Netherlands	0.0	6	15	19	12		
Australia	0.0	0.0	0.0	0.0	0.0		
United States	269.6	393	654	492	316		
Germany	1004.0	1,108	1,060	948	1,074		
Central and Eastern Europe	0	0	0	0	0		
Ireland	0	0	0	0	11		
Third-party facilities - Municipal or Private: ML	229	346	398	236	149		
Canada	184.5	308	354	184	103		
France	6	8	8	10	11	Historical volumes reassigned to non-renewable groundwater (excluding produced water) in 2026	
Netherlands	12.9	11	24	23	13	2022 and 2023 updated in 2024 to include rainwater hauled for third-party disposal	
Australia	0.0	0	0	0	0		
United States	0.5	0	0	0	0		
Germany	0.7	1.0	0.9	1.0	4.6		
Central and Eastern Europe	0.9	2.5	0.1	3.6	9.1		
Ireland	24	15	11	14	9		
Other - Water still in storage - (net increase or decrease)	2	3	30	325	70		
Canada	0	0	30	325	70	Water stored in C-ring tanks	
Netherlands	2	3	0	0	0		
Water bodies significantly affected by discharges of water	0	0	0	0	0	Defined as sustained inability to meet human &/or ecological requirements of availability, quality, accessibility	
Volume and % of produced water by disposal method:							
Recycled: %	0.0	0.0	0.2	0.5	0.5		
Recycled - volume: ML	0	0	53	130	151		
Canada	0	0	53	130	151		
Reinjected: %	82	84	94	72	64		
Reinjected - volume: ML	46,028	44,274	31,123	20,003	17,879		
Canada	31,484	30,207	16,910	6,085	4,283		
France	13,289	12,562	12,597	12,456	12,195		
Netherlands	0	6	15	19	12		
Australia	0	0	0	0	0		
United States	251	393	542	492	316	2023 updated to included third-party produced water volumes	
Germany	1,004	1,107	1,060	948	1,074		
Central and Eastern Europe	0	0	0	4	0		
Ireland	0	0	0	0	0		
Hydrocarbon discharged within produced water: tonnes	99	68	11	44	60	Refers to discharges to surface water or renewable (shallow) groundwater	EM-EP-140a.3
Australia	99	68	11	44	60		
Annual Water Consumption: ML	0	0	-39	-40	383	Total water withdrawals - total water discharges	