

MATERIAL TOPIC: ENVIRONMENTAL INVESTMENT & SUPPLY CHAIN	2018	2019	2020	2021	2022	CONTEXT	GRI/SASB
Annual Production - Annual Report figure, financial control: boe	31,853,185	36,630,232	34,839,540	31,173,190	31,093,255		
Annual Production - Annual Report minus non-operated volumes (CDP): boe	28,712,829	36,604,811	34,723,518	31,154,575	31,058,580	2018: excludes ~11 months non-op from IBU	
Annual Production - Operated facility throughput including third-party volumes: boe	29,440,819	44,708,966	42,202,207	36,865,352	35,634,107	Use for intensity calculations to ensure numerator/denominator alignment	
<b>INVESTMENT IN ENVIRONMENTAL PROTECTION</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>		
<b>Total environmental protection investment: \$CAD</b>	<b>\$44,149,540</b>	<b>\$55,393,529</b>	<b>\$55,100,067</b>	<b>\$58,357,203</b>	<b>\$61,857,935</b>		
Canada	\$18,136,607	\$24,419,157	\$22,676,290	\$31,029,562	\$34,294,129		
France	\$10,624,294	\$11,531,615	\$16,830,423	\$11,673,948	\$11,355,080		
Netherlands	\$7,683,371	\$11,432,724	\$8,017,014	\$9,823,706	\$8,591,943		
Australia	\$787,939	\$1,512,341	\$2,009,973	\$728,905	\$1,684,495		
United States	\$2,469,513	\$1,050,959	\$710,428	\$533,852	\$1,589,982		
Germany	\$850,680	\$1,013,264	\$502,695	\$556,673	\$956,980		
Central and Eastern Europe - Hungary and Croatia	\$66,879	\$0	\$2,925	\$991,806	\$711,836		
Ireland	\$3,530,258	\$4,433,469	\$4,350,320	\$3,018,750	\$2,673,491		
<b>Waste disposal, emissions treatment, remediation</b>	<b>\$17,138,106</b>	<b>\$24,943,941</b>	<b>\$25,668,622</b>	<b>\$18,605,389</b>	<b>\$20,848,095</b>		
Canada	\$4,087,067	\$9,504,433	\$6,702,516	\$7,014,897	\$8,687,308		
France	\$3,311,501	\$5,560,217	\$9,996,283	\$5,601,357	\$5,696,398		
Netherlands	\$3,594,031	\$4,975,903	\$4,760,879	\$2,391,442	\$1,842,105		
Australia	\$380,624	\$392,383	\$240,390	\$138,168	\$566,375		
United States	\$2,094,305	\$192,859	\$81,722	\$84,476	\$376,750		
Germany	\$73,440	\$284,843	\$75,678	\$174,047	\$705,542		
Central and Eastern Europe - Hungary and Croatia	\$66,879	\$0	\$2,925	\$565,737	\$683,667		
Ireland	\$3,530,258	\$4,033,303	\$3,808,229	\$2,635,264	\$2,289,951		
<b>Prevention and environmental management costs</b>	<b>\$11,135,296</b>	<b>\$14,704,369</b>	<b>\$15,780,459</b>	<b>\$9,503,646</b>	<b>\$10,005,530</b>		
Canada	\$7,151,105	\$9,603,658	\$8,980,255	\$5,812,518	\$5,810,794		
France	\$670,348	\$811,168	\$1,644,063	\$1,247,458	\$1,139,960		
Netherlands	\$2,236,031	\$1,689,806	\$1,788,745	\$807,726	\$721,916		
Australia	\$407,315	\$1,119,958	\$1,769,583	\$590,737	\$1,118,120		
United States	\$375,207	\$858,100	\$628,705	\$259,206	\$551,593		
Germany	\$295,290	\$221,513	\$427,017	\$358,098	\$251,438		
Central and Eastern Europe - Hungary and Croatia	\$0	\$0	\$0	\$44,418	\$28,169		
Ireland	\$0	\$400,166	\$542,091	\$383,486	\$383,540		
<b>Discharge of Abandonment</b>	<b>\$15,876,138</b>	<b>\$15,745,220</b>	<b>\$13,650,986</b>	<b>\$30,248,169</b>	<b>\$31,004,310</b>		
Canada	\$6,898,435	\$5,311,067	\$6,993,519	\$18,202,148	\$19,796,026		
France	\$6,642,445	\$5,160,230	\$5,190,078	\$4,825,133	\$4,518,722		
Netherlands	\$1,853,309	\$4,767,015	\$1,467,390	\$6,624,538	\$6,027,922		
Australia	\$0	\$0	\$0	\$0	\$0		
United States	\$0	\$0	\$0	\$190,170	\$661,640		
Germany	\$481,950	\$506,907	\$0	\$24,529	\$0		
Central and Eastern Europe - Hungary and Croatia	\$0	\$0	\$0	\$381,650	\$0		
Ireland	\$0	\$0	\$0	\$0	\$0		
Canadian federal funding leveraged through Abandonment and Reclamation work					\$16,733,522		
<b>Fines for environmental non-compliance</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>307-1</b>
<b>SUPPLY CHAIN</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>		
<b>Number of new vendors that we pre-qualified using HSE criteria</b>				<b>208</b>	<b>73</b>		
Canada				159	166		

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France				10	24		
Netherlands				0	0	No new vendors in 2022	
Australia				8	3		
United States				20	30		
Germany				4	7		
Central and Eastern Europe - Hungary and Croatia				3	4		
Ireland				4	5		
<b>% of new vendors screened (pre-qualified using health, safety and environmental criteria)</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>All new contractors require HSE pre-qualification to access Vermilion sites</b>	<b>S&amp;P Global</b>
Canada				100	100		
France				100	100	New 2022 vendors working on Vermilion sites, not material vendors	
1197				n/a	n/a	No new vendors in 2022	
Australia				100	100		
United States				100	100		
Germany				100	100		
Central and Eastern Europe - Hungary and Croatia				100	100		
Ireland				100	100		
<b>Number of vendors that we qualify (new vendors), inspect and work with (existing vendors) to improve performance on HSE matters</b>		<b>361</b>	<b>948</b>	<b>1,042</b>	<b>1,197</b>	<b>New reporting in 2019</b>	<b>S&amp;P Global</b>
Canada		108	717	754	816		
France		15	70	87	160	Vendors working on Vermilion sites with HSE Prevention Plan	
Netherlands		10	10	10	10		
Australia		6	6	25	28		
United States		178	121	141	142		
Germany		38	18	6	7		
Central and Eastern Europe - Hungary and Croatia		2	2	15	29		
Ireland		4	4	4	5		
<b>% of existing vendors that we inspect and work with to improve performance on HSE matters</b>							
Canada				100	100		
France				37	64	160 existing vendors of 221 vendors on Vermilion sites with HSE Prevention Plan	
Netherlands				100	100		
Australia				100	100		
United States				100	100		
Germany				100	100		
Central and Eastern Europe - Hungary and Croatia				100	100		
Ireland				100	100		