

Response to Church of England and Swedish Council on Ethics for the AP Funds tailings disclosure request

Updated July 13, 2023. December 15, 2024 - Steelmaking Coal sites removed

Tailings Dam Identifier	Location (latitude/longitude)	Ownership Structure	Status	Date of Initial Operation	Is the dam currently operated or closed as per currently approved design, and within design intent?	Raising Method	Current Maximum Height (m)	Current Tailings Storage Impoundment Volume (m <sup>3</sup> )	Planned Tailings Storage Impoundment in 5 years (m <sup>3</sup> in January 2028)	Most Recent Independent Expert Review (in addition to annual expert engineer of record review)	Full and Complete Relevant Engineering Records Including Design, Construction, Operation, Maintenance, and/or Closure?	Hazard Categorization of this Facility, Based on the Consequence of Failure	Classification System Guideline Followed	Has this facility, at any point in its history, failed to be confirmed or certified as stable, as per the design criteria and requirements in place, by an independent engineer (even if later certified as stable by the same or a different firm)?	Internal/In-house Engineering Specialist Oversight of this Facility; or, External Engineering Support for this Purpose?	Has a formal analysis of the downstream impact on communities, ecosystems and critical infrastructure in the event of catastrophic failure been undertaken and updated to reflect current and anticipated conditions? If so, when?	Closure Plan in Place for this Dam? Does it Include Long Term Monitoring?	Tailings facilities are assessed against the impact of more regular extreme weather events as a result of climate change?	Other relevant information and supporting documentation
Beaverdell North Tailings Storage Facility (Canada)	49.441605° / -119.095922°	Owned and operated	Inactive	1980	Yes	Downstream	12	384,000	N/A (no change closed facility)	2022	Yes	Significant	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	No	Both Teck + WSP	No - inactive facility with no credible flow to community(s)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Beaverdell South Tailings Storage Facility (Canada)	49.435957° / -119.097717°	Owned and operated	Inactive	1954	Yes	Downstream	10	544,000	N/A (no change closed facility)	2022	Yes	Significant	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	No	Both Teck + WSP	No - inactive facility with no credible flow to community(s)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Douglas Mine (United States)	46.523795°/-113.182639°	Owned and operated	Closed	1963	Yes	Downstream	15	108,661	108,661 (no change closed facility)	2022	Yes	Low	Canadian Dam Association (CDA)	No	Both Teck + Parsons	Yes (2003)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Duck Pond Tailings Management Facility (Canada)	48.647480° / -56.490551°	Owned and operated	Inactive	2006	Yes	Single Stage	9.5	1,260,000	1,260,000 (no change closed facility)	2022	Yes	Low	Canadian Dam Association (CDA)	No	Both Teck + WSP	Yes (2019)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Embalse de Relaves Carmen de Andacollo (Chile)	-30.266758° / -71.103254°	Owned and operated	Active	2009	Yes	Downstream	109.5	128,856,006 m <sup>3</sup> (31-12-2022) 133,540,093 m <sup>3</sup> (30-06-2023 estimated)	150,116,585	2022	Yes	Extreme	Canadian Dam Association (CDA)	No	Both Teck + Wood (now WSP E&I)	Yes (2023)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Fisherman Road Tailings Impoundment Area (Canada)	49.484757° / -117.390042°	Land owned but never operated by Teck	Inactive	1890	No - There are no design and construction records available. Tailings were last deposited in 1957. Teck owns the land, but did not operate the facility. Ongoing site investigations to assess geotechnical and hydrological conditions. No dam safety concerns from engineering assessments	N/A	2.5	95,000 m <sup>3</sup> (no change closed facility)	N/A (no change closed facility)	2022	No	Significant	CDA Guidelines	No	Both Teck + KCB	No - flow failure is not expected from this closed facility	a) Developing final closure/remediation plan b) Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Highland Valley Copper, Bethlehem (Canada)	50.509400° / -120.987025°	Owned and operated	Inactive	1963/1964	Yes	Hybrid: Upstream / Centerline	91	68,100,000	68,100,000 (no change, closed facility)	2022	Yes	Very High	CDA	No	Both Teck + KCB	Yes (2014)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Highland Valley Copper, Highland (Canada)	50.547334° / -121.122614°	Owned and operated	Active	1977	Yes	Centerline	161	1,190,300,000	1,460,300,000	2022	Yes	Extreme	CDA	No	Both Teck + KCB	Yes (2014)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Highland Valley Copper, 7 Day Pond (Canada)	50.476° / -121.025°	Owned and operated	Active	2020	Yes	Centerline	6	204,566	320,000	2023	Yes	Low	CDA	No	Both Teck + KCB	Yes (2014)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Highland Valley Copper, 24 Mile Lake (Canada)	50.511° / -121.060°	Owned and operated	Active	2019	Yes	Centerline	NA	963,000	3,500,000	2023	Yes	Low	CDA	No	Both Teck + KCB	Yes (2014)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Highland Valley Copper, Highmont (Canada)	50.432155° / -120.921190°	Owned and operated	Inactive	1980	Yes	Centerline	47	27,700,000	27,700,000 (no change closed facility)	2022	Yes	High	CDA	No	Both Teck + KCB	Yes (2014)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Highland Valley Copper, Trojan (Canada)	50.514552° / -121.005987°	Owned and operated	Inactive	1973	Yes	Hybrid - Centerline / Upstream	70	26,000,000	26,000,000 (no change closed facility)	2022	Yes	Very High	CDA	No	Both Teck + KCB	Yes (2014)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Louvencourt TSF (Canada)	48.132622° / -77.601511°	Owned and operated	Inactive	1993	Yes	Single Stage	15	5,992,050	5,992,050 (no change closed facility)	2023	Yes	High	CDA Guidelines	No	Both Teck + WSP	Yes (2012), new 2023 update in progress	Yes and Yes	In progress	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Magnont Tailings Dam (United States)	37.630936° / -91.108224°	Owned and operated	Inactive	1968	Yes	Downstream	41.2	15,435,000	15,435,000 (no change closed facility)	2022	Yes	High	CDA Guidelines	No	Both Teck + WSP	Yes (2018)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Pend Oreille Tailings Pond 1 (United States)	48.889872°/-117.351680°	Owned and operated	Closed	1968	Yes	Upstream	21	954,715	954,715 (no change closed facility)	2022	Yes	N/A	CDA	No	Both Teck + AECOM	No - closed, drained with no credible flow mode	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Pend Oreille Tailings Pond 2 (United States)	48.889117°/-117.348237°	Owned and operated	Closed	1973	Yes	Upstream	6	225,330	225,330 (no change closed facility)	2022	Yes	N/A	CDA	No	Both Teck + AECOM	No - closed, drained with no credible flow mode	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Pend Oreille Tailings Pond 3 (United States)	48.881379° / -117.348786°	Owned and operated	Inactive	2003	Yes	Downstream	24.3	2,812,010	2,915,297	2022	Yes	High	CDA	No	Both Teck + KP	No - subgrade facility with no credible flow mode	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Pinchi Tailings Storage Facility (Canada)	54.627353° / -124.426425°	Owned and operated	Inactive	1967	Yes	Downstream	15	1,000,000	N/A (no change closed facility)	2022	Yes	Significant	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	No	Both Teck + KCB	Yes (2018)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Pine Point Tailings Impoundment Area (Canada)	60.879272° / -114.437272°	Owned and operated	Inactive	1964	Yes	Downstream	9	N/A	36,597,270	2022	Yes	Significant	CDA Guidelines	No	Both Teck + Golder	No, very remote isolated/closed facility	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Red Dog Tailings Storage Facility (United States)	68.060691° / -162.871763°	Owned and operated	Active	1989	Yes	Downstream/Centerline Hybrid	63.4	66,830,000	71,373,000	2023	Yes	Very High	CDA	No	Both Teck + WSP	Yes (Inundation Study 2019 + Human Rights Assessment 2020)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Sa Dana Hes North Tailings Embankment (Canada)	60.528250° / -128.850678°	Owned and operated	Closed	1991	Yes	Single Stage	15	466,670	466,670 (no change closed facility)	2023	Yes	High	CDA Guidelines	No	Both Teck + SRK	No - no credible failure/flow potential from this closed facility	Yes and Yes	In progress	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Sullivan Calone Tailings Storage Facility (Canada)	49.647142° / -115.956205°	Owned and operated	Inactive	1972	Yes	Upstream	4.6	817,500	N/A (no change closed facility)	2022	Yes	Low	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	No	Both Teck + KCB	No - no credible failure/flow potential from this closed facility	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Sullivan East Gypsum Dike, West Gypsum Dike, Gypsum Divider Dike, NorthEast Gypsum Dike (Canada)	49.644530° / -115.935520°	Owned and operated	Inactive	1969	Yes	Upstream/Single Stage	22.9	4,578,000	N/A (no change closed facility)	2022	Yes	High	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	No	Both Teck + KCB	No - Dam Breach & Inundation Study completed in 2014 but tailings runoff not completed.	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>

Tailings Dam Identifier	Location (latitude/longitude)	Ownership Structure	Status	Date of Initial Operation	Is the dam currently operated or closed as per currently approved design, and within design intent?	Raising Method	Current Maximum Height (m)	Current Tailings Storage Impoundment Volume (m³)	Planned Tailings Storage Impoundment in 5 years (m3 in January 2028)	Most Recent Independent Expert Review (in addition to annual expert engineer of record review)	Full and Complete Relevant Engineering Records Including Design, Construction, Operation, Maintenance, and/or Closure?	Hazard Categorization of this Facility, Based on the Consequence of Failure	Classification System Guideline Followed	Has this facility, at any point in its history, failed to be confirmed or certified as stable, as per the design criteria and requirements in place, by an independent engineer (even if later certified as stable by the same or a different firm)?	Internal/in-house Engineering Specialist Oversight of this Facility; or, External Engineering Support for this Purpose?	Has a formal analysis of the downstream impact on communities, ecosystems and critical infrastructure in the event of catastrophic failure been undertaken and updated to reflect current and anticipated conditions? If so, when?	Closure Plan in Place for this Dam? Does it Include Long Term Monitoring?	Tailings facilities are assessed against the impact of more regular extreme weather events as a result of climate change?	Other relevant information and supporting documentation
Sullivan Iron pond (Canada)	49.657872° / -115.937887°	Owned and operated	Inactive	1975	Yes	Upstream	29	15,527,800	N/A (no change closed facility)	2022	Yes	High	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	Yes, there was a failure in 1948 that travelled offsite and another failure in 1991 which was contained within the tailings facility. The dike was repaired, toe berms were constructed and slopes significantly flattened following the 1991 failure. There have been no stability issues since then.	Both Teck + KCB	Yes (2014)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Sullivan Old Iron Dike and Iron TSF Divider Dike (Canada)	49.658303° / -115.952749°	Owned and operated	Inactive	~1900	Yes	Upstream	7.6	9,682,000	N/A (no change closed facility)	2022	Yes	Low	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	Yes, failures occurred in 1926 and 1930. New dike constructed and toe berms constructed and slopes flattened in 1990's. No stability issues reported since early failures.	Both Teck + KCB	No - no credible failure/flow potential from this closed facility	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Sullivan Siliceous No. 1 Dike, Siliceous No. 2 Dike, Siliceous No. 3 Dike (Canada)	49.657971° / -115.923196°	Owned and operated	Inactive	1923	Yes	Upstream	12.5	15,648,000	N/A (no change closed facility)	2022	Yes	Low	BC Health, Safety and Reclamation Code for Mines 2017 (code references CDA Guidelines)	No	Both Teck + KCB	No - no credible failure/flow potential from this closed facility	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Quebrada Blanca Tailings storage facility	-21.055288° / -69.849082°	Owned and Operated	Active	2023	Yes	Centreline	120	0	124,000,000	2022	Yes	Extreme	Canadian Dam Association (CDA)	No	Both Teck + WSP Golder	Yes (2022)	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
Lennard Shelf	-18.308092 / 125.786968	JV Owned - Teck 50%, Glencore 50% Teck - Operator	Closed	1998	Yes	NA	12	7,000,000	N/A (no change closed facility)	2021	Yes	Low	Western Australia DMIRS	No	Both Teck + ATC Williams Ply Ltd	No - no credible failure/flow potential from this closed facility	Yes and Yes	Yes	Extreme weather within design storms considered. Annual review by Engineer of Record. Teck's approach to tailings management and links to our most recent external dam safety inspections and dam safety reviews is found at <a href="http://www.Teck.com/tailings">www.Teck.com/tailings</a>
<b>Non-operated Joint Venture Facilities</b>																			
Presas de Retaves de Antamina (Peru)	-9.541285° / -77.033332°	JV with COMPAÑIA MINERA ANTAMINA S.A. (BHP, Glencore, Mitsubishi, Teck)	Active	2001	Yes	Downstream/Centreline Hybrid	240	374,000,000	600,000,000	2019	Yes	Extreme	CDA	No	Both Antamina + Golder	Yes (2018)	Yes and Yes	Yes	