

**Releases Reported by Trans Mountain - 1961- May 2019** (Updated: May 14, 2019)

Trans Mountain has a comprehensive safety and preventative maintenance program that includes the protection of stream and river crossings. These spill prevention systems are fully documented and can be audited by the National Energy Board (NEB), the federal regulator of pipelines in Canada that cross inter-provincial boundaries.

Trans Mountain acknowledges that spills do happen. While no spill is acceptable, the key is to ensure that robust response measures are in place to deal with incidents. Trans Mountain staff, combined with trained responders and contractors, provide for 24/7 response management along the 1,150-kilometre pipeline.

Trans Mountain is required to report spills greater than 1.5 cubic metres (approximately 9.5 barrels) or any spill to a water body regardless of volume, to the NEB. The reporting rules have changed over the years. Trans Mountain has always followed the NEB spill-reporting regulations. Since 1961, Trans Mountain has reported 84 spills on its pipeline system to the NEB, some of which are below the reportable threshold.

It is important to note that 70 per cent of all spills have occurred at Trans Mountain pump stations or terminals. These facilities have monitoring and spill containment systems that are rigorously maintained and meet NEB standards.

Since 1956, vessels from our Westridge Marine Terminal have been transporting petroleum products safely through Port Metro Vancouver without a single spill from a tanker.

Following each spill, Trans Mountain conducts a thorough incident investigation that contributes to improved spill prevention and management initiatives. Below is a summary of spills reported to the NEB by Trans Mountain between 1961 and May 2019.

IncidentNo	Detected	ReportingCompany	Line Pipe	Pump Station	Terminal /Tank Farm	Substance	Spill Volume in Cubic Metres	Spill Volume in Barrels (6.29 barrels per cubic metre)	Location	Region
1961-011	7-Aug-61	Trans Mountain Pipe Line Company Limited	1			Crude Oil	Unknown	Unknown	MP 647.9 - Mainline	BC, NE of Popkum
1962-013	23-Aug-62	Trans Mountain Pipe Line Company Limited	1			Crude Oil	1.6	10.1	MP 520.1- Mainline	BC, S of Kamloops
1963-002	19-Feb-63	Trans Mountain Pipe Line Company Limited	1			Crude Oil	Unknown	Unknown	MP 182.3 - Loop line	AB, Hinton
1965-007	27-May-65	Trans Mountain Pipe Line Company Limited	1			Crude Oil	44	276.8	MP 292.51	BC, Hargreaves
1965-023	27-Jul-65	Trans Mountain Pipe Line Company Limited	1			Water	N/A	N/A	MP 237.4	Jasper, AB
1965-046	13-Oct-65	Trans Mountain Pipe Line Company Limited	1			Water	N/A	N/A	MP 237	Jasper, AB

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1965-047	15-Oct-65	Trans Mountain Pipe Line Company Limited	1			water	NULL	NULL	MP 241	Jasper, AB
1966-016	29-Apr-66	Trans Mountain Pipe Line Company Limited	1			Crude Oil	1110	6981.9	MP 239	AB, Jasper
1968-019	28-May-68	Trans Mountain Pipe Line Company Limited	1			N/A	N/A	N/A	MP 529	BC, S. of Kamloops, TNRD
1971-002	26-Apr-71	Trans Mountain Pipe Line Company Limited	1			Crude Oil	475	2987.8	MP 581.3 (Downstream from Brodie Valve)	BC, Kingsvale
1973-016	24-Jun-73	Trans Mountain Pipe Line Company Limited	1			Crude Oil	125	786.3	MP 205	AB, W of Hinton, near Jasper
1977-016	21-Jun-77	Trans Mountain Pipe Line Company Limited	1			Crude Oil	1031.7	6489.4	MP 39.7 -Mainline	AB, Carvel Corner
1978-019	15-Jun-78	Trans Mountain Pipe Line Company Limited			1	Oil	6.4	40.3	Tank # 51	BC, Blackpool Station
1980-003	3-Jan-80	Trans Mountain Pipe Line Company Limited			1	Crude Oil	2	12.6	Edmonton Terminal	AB, Sherwood Park
1981-022	20-Aug-81	Trans Mountain Pipe Line Company Limited			1	Crude Oil	150	943.5	Tank Line	Edmonton Terminal
1982-006	22-Apr-82	Trans Mountain Pipe Line Company Limited			1	Crude Oil	0.045	0.3	Westridge Loading Line	Westridge Terminal
1982-028	28-Oct-82	Trans Mountain Pipe Line Company Limited			1	Crude Oil	7	44.0	TMPL Burnaby Terminal	BC, Burnaby Terminal
1983-007	29-Mar-83	Trans Mountain Pipe Line Company Limited			1	Condensate	70	440.3	TMPL Edmonton Terminal	AB, Sherwood Park
1983-012	1-May-83	Trans Mountain Pipe Line Company Limited			1	Crude Oil	6	37.7	TMPL Burnaby Tank Farm # 82I	BC, Burnaby Terminal
1983-037	27-Nov-83	Trans Mountain Pipe Line Company Limited		1		Crude Oil	1.6	10.1	TMPL Edson Station	AB, Edson
1984-004	25-Mar-84	Trans Mountain Pipe Line Company Limited	1			Crude oil	N/A	N/A	KP 205 - Line Valve	AB, E. Of Edson
1984-013	21-Jun-84	Trans Mountain Pipe Line Company Limited		1		Crude oil	2.4	15.1	Station Boundary	AB, Niton Station
1984-016	4-Jul-84	Trans Mountain Pipe Line Company Limited	1			Crude Oil	<0.001	<0.00629	KP 525.3 - Main Line Valve	BC, Albreda
1984-018	26-Jul-84	Trans Mountain Pipe Line Company Limited			1	Crude Oil	2.6	16.4	Station Yard	AB, Gainford Station

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1984-026	20-Oct-84	Trans Mountain Pipe Line Company Limited		1		Crude Oil - Sweet	360	2264.4	TMPL Edmonton Pump Station	AB, Edmonton
1985-001	14-Jan-85	Trans Mountain Pipe Line Company Limited			1	Crude Oil	1587	9982.2	TMPL Edmonton Tank Farm	AB, Sherwood Park
1985-012	7-Apr-85	Trans Mountain Pipe Line Company Limited			1	Crude Oil	0.08	0.5	TMPL Edmonton Terminal	AB, Sherwood Park
1985-014	1-Jun-85	Trans Mountain Pipe Line Company Limited		1		Crude Oil	Unknown	Unknown	TMPL Jasper Pump Station	AB, Jasper
1985-021	26-Aug-85	Trans Mountain Pipe Line Company Limited			1	Crude Oil	3.2	20.1	TMPL Kamloops, B.C. Terminal	BC, Kamloops
1986-001	16-Jan-86	Trans Mountain Pipe Line Company Limited			1	Crude Oil	6.4	40.3	TMPL Edmonton Terminal	AB, Sherwood Park
1986-005	4-Mar-86	Trans Mountain Pipe Line Company Limited			1	Crude Oil	67.1	422.1	TMPL Kamloops, B.C. Terminal	BC, Kamloops
1986-019	25-Oct-86	Trans Mountain Pipe Line Company Limited			1	Crude Oil	38	239.0	TMPL Edmonton Terminal	AB, Sherwood Park
1986-020	19-Oct-86	Trans Mountain Pipe Line Company Limited			1	Crude Oil	4.8	30.2	TMPL Edmonton Terminal	AB, Sherwood Park
1986-021	29-Oct-86	Trans Mountain Pipe Line Company Limited			1	Crude Oil	195	1226.6	TMPL Edmonton Terminal	AB, Sherwood Park
1986-024	4-Nov-86	Trans Mountain Pipe Line Company Limited			1	Crude Oil	2	12.6	TMPL Edmonton Terminal	AB, Sherwood Park
1987-008	9-Mar-87	Trans Mountain Pipe Line Company Limited	1			Crude Oil	0.6	3.8	KM 116.47	AB, W. of Edmonton, Pembina River Crossing
1987-027	10-Aug-87	Trans Mountain Pipe Line Company Limited			1	Crude Oil	12	75.5	TMPL Burnaby Terminal	BC, Burnaby Terminal
1988-008	20-Apr-88	Trans Mountain Pipe Line Company Limited			1	Crude Oil	N/A	N/A	TMPL Edmonton Terminal	AB, Sherwood Park
1988-012	19-May-88	Trans Mountain Pipe Line Company Limited	1			Crude Oil	N/A	N/A	KP 1017 - TMPL	BC, E. of Hope, near Chilliwack
1988-020	1-Jul-88	Trans Mountain Pipe Line Company Limited		1		Crude Oil	7	44.0	TMPL - Edmonton Pump Station	AB, Sherwood Park
1988-021	20-Jul-88	Trans Mountain Pipe Line Company Limited		1		Crude Oil - Sweet	135	849.2	TMPL - Black Pool Station	BC, Black Pool
1988-027	14-Sep-88	Trans Mountain Pipe Line Company Limited		1		Crude Oil	4	25.2	TMPL - Edmonton Pump Station	AB, Sherwood Park

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1988-028	27-Aug-88	Trans Mountain Pipe Line Company Limited		1		Crude Oil	0.01	0.1	TMPL - Edmonton Pump Station	AB, Sherwood Park
1988-032	23-Oct-88	Trans Mountain Pipe Line Company Limited		1		Crude Oil	0.6	3.8	TMPL Burnaby Tank	BC, Burnaby Terminal
1989-003	1-Feb-89	Trans Mountain Pipe Line Company Limited			1	Crude Oil	0.01	0.1	TMPL - Burnaby Terminal	BC, Burnaby Terminal
1989-016	21-Apr-89	Trans Mountain Pipe Line Company Limited			1	Crude Oil	Unknown	Unknown	TMPL - Edmonton Tank Farm	AB, Sherwood Park
1989-017	25-Apr-89	Trans Mountain Pipe Line Company Limited			1	Crude Oil	7.9	49.7	TMPL - Edmonton Terminal	AB, Sherwood Park
1990-003	13-Mar-90	Trans Mountain Pipe Line Company Limited			1	Crude Oil - Sweet	0.005	0.0	TMPL - Westridge Terminal	BC, Westridge Terminal
1990-015	6-Jun-90	Trans Mountain Pipe Line Company Limited			1	Crude Oil	0.8	5.0	TMPL - Edmonton Terminal	AB, Sherwood Park
1990-017	11-Jun-90	Trans Mountain Pipe Line Company Limited			1	Crude Oil - Sweet	3	18.9	TMPL - Kamloops Tank Farm	BC, Kamloop Terminal
1990-029	6-Sep-90	Trans Mountain Pipe Line Company Limited	1			Crude Oil - Sweet	1	6.3	TMPL - Kamloops to Burnaby Line	BC, Kamloops Terminal
1991-093	24-Jun-91	Trans Mountain Pipe Line Company Limited	1			Crude Oil - Sweet	1	6.3	TMPL - Kamloops to Burnaby Line	BC, Kamloops Terminal
1991-095	4-Jul-91	Trans Mountain Pipe Line Company Limited			1	Crude Oil - Sweet	1	6.3	TMPL - Kamloops Tank Farm	BC, Kamloops Terminal
1991-122	13-Jul-91	Trans Mountain Pipe Line Company Limited			1	Jet Fuel	0.3	1.9	TMPL - Edmonton Terminal	AB, Sherwood Park
1991-196	3-Dec-91	Trans Mountain Pipe Line Company Limited			1	Crude Oil - Sweet	2.8	17.6	TMPL - Edmonton Tank Farm	AB, Sherwood Park
1992-099	12-May-92	Trans Mountain Pipe Line Company Limited		1		Jet Fuel	1.2	7.5	Jasper Pump Station	AB, Jasper
1992-388	15-Dec-92	Trans Mountain Pipe Line Company Limited		1		Crude Oil - Sweet	0.8	5.0	TMPL - McMurphy Pump Station	BC, McMurphy
1993-013	31-Jan-93	Trans Mountain Pipe Line Company Limited			1	Crude Oil - Sweet	1.5	9.4	TMPL - Kamloops Tank Farm	BC, Kamloops Terminal
1993-088	25-Jun-93	Trans Mountain Pipe Line Company Limited			1	Crude Oil - Sweet	25	157.3	TMPL - Edmonton Terminal	AB, Sherwood Park
1994-010	17-Feb-94	Trans Mountain Pipe Line Company Limited			1	Diesel fuel	3.7	23.3	Tank Farm (relief tank)	AB, Jasper Station

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1994-048	13-Aug-94	Trans Mountain Pipe Line Company Limited		1		Diesel fuel	0.76	4.8	TMPL - Sumas Station	BC, Abbotsford
1995-054	18-Sep-95	Trans Mountain Pipe Line Company Limited		1		Crude Oil	1	6.3	Pump Station, Pump Unit #3	AB, Jasper Station
1996-018	23-Apr-96	Trans Mountain Pipe Line Company Limited			1	Contaminated Water	0.113	0.7	TMPL - Burnaby Terminal	BC, Burnaby Terminal
1997-004	20-Jan-97	Trans Mountain Pipe Line Company Limited		1		Approx 80% Methyl tert-butyl ether & 20% Diesel Fuel	4.5	28.3	TMPL - Sumas Station	BC, Abbotsford
1998-017	13-Mar-98	Trans Mountain Pipe Line Company Limited			1	Crude Oil - Sweet	0.04	0.3	TMPL - Westridge Terminal	BC, Westridge Terminal
1998-026	15-May-98	Trans Mountain Pipe Line Company Limited	1			Crude Oil - Sweet	0.5	3.1	TMPL - Mainline	BC, N. of Valemount
1999-005	21-Jan-99	Trans Mountain Pipe Line Company Limited	1			Crude Oil - Sweet	0.16	1.0	TMPL - Blue River Scraper Trap	BC, Blue River
1999-021	1-Apr-99	Trans Mountain Pipe Line Company Limited			1	Gasoline	20	125.8	TMPL - Edmonton Terminal	AB, Sherwood Park
2002-053	16-Dec-02	Trans Mountain Pipe Line Company Limited		1		Crude Oil - Sweet	1.5	9.4	TMPL- Sumas Station	BC, Abbotsford
2005-039	15-Jul-05	Terasen Pipelines (Trans Mountain) Inc.			1	Crude Oil - Sweet	246.4	1549.9	TMPL-Sumas Tank Farm	BC, Abbotsford
2005-061	8-Dec-05	Terasen Pipelines (Trans Mountain) Inc.			1	Iso-octane	6.06	38.1	TMPL - Edmonton Terminal	AB, Sherwood Park
2007-048	4-Jun-07	Terasen Pipelines (Trans Mountain) Inc.		1		Crude Oil - Sweet	70	440.3	TMPL - Wahleach Pump Station	BC, Wahleach
2007-065	24-Jul-07	Trans Mountain Pipeline Inc.	1			Crude Oil - Synthetic	232	1459.3	TMPL - Westridge Line	BC, Westridge Terminal
2008-006	23-Jan-08	Trans Mountain Pipeline Inc.	1			Natural Gas - Sweet	N/A	N/A	Atco Pipeline	Not in records; gas release from Atco Pipeline
2009-040	6-May-09	Trans Mountain Pipeline ULC			1	Crude Oil - Sweet	200	1258.0	TMPL - Burnaby Terminal	BC, Burnaby Terminal
2011-038	5-Mar-11	Trans Mountain Pipeline ULC			1	Waste Oil	1.4	8.8	TMPL - Kamloops, BC Terminal	BC, Kamloops Terminal
2011-065	22-Apr-11	Trans Mountain Pipeline ULC	1			Oil	1.6	10.1	KP 150 - TMPL - Mainline	AB, near Chip Lake
2012-016	24-Jan-12	Trans Mountain Pipeline ULC			1	Crude Oil - Sweet	110	691.9	TMPL - Sumas Tank Farm	BC, Abbotsford
2013-099	12-Jun-13	Trans Mountain Pipeline ULC	1			Crude Oil	0.8	5.0	TMPL - Mainline	BC, Kingsvale North
2013-099	26-Jun-13	Trans Mountain Pipeline ULC	1			Crude Oil	17.8*	112*	KP 966 - TMPL - Mainline	BC, N. of Hope
2013-165	1-Dec-13	Trans Mountain Pipeline ULC			1	Crude Oil	12.1	76.0	TMPL - Edmonton Terminal - Tank 31	AB, Sherwood Park

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2014-017	22-Jan-14	Trans Mountain Pipeline ULC		1		Crude Oil	2.7	17.0	TMPL- Chip Station	AB, Chip Lake
2016-081	21-Jul-16	Trans Mountain Pipeline ULC			1	Diesel fuel	2.3	14.5	Edmonton Terminal	AB, Edmonton
2018-019	27-May-18	Trans Mountain Pipeline ULC		1		Crude Oil	4.8	30.2	Darfield Pump Station	BC, Darfiled
* May 12, 2014 UPDATE: Based on initial observations and an estimate at the time of the release, KMC initially reported 25 bbls of petroleum being released. A revised interim volume of 112 bbls has been calculated and reported based on clean up in 2013 and oil recovery to date. As clean up efforts at this location will continue in 2014, KMC will continue to do what is necessary to ensure that regulatory criteria for clean up and remediation are being met. Once clean up efforts have been completed, (late fall 2014) the release volume may be further revised, if site data warrants change.										