

Releases Reported by Trans Mountain - 1961-2016

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 82 spills on its pipeline system to the NEB, some of which are below the reportable threshold.

It is important to note that 69.5 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 2014.

IncidentNo	Detected	ReportingCompany	Line Pipe	Pump Station	Terminal /Tank Farm	Location	Substance	Spill Volume in Cubic Metres	Spill Volume in Barrels (6.29 barrels per cubic metre)
1961-011	7-Aug-61	Trans Mountain Pipe Line Company Limited	1			B.C. @ MP 647.9 Mainline	Crude Oil	Unknown	Unknown
1962-013	23-Aug-62	Trans Mountain Pipe Line Company Limited	1			B.C. @ MP 520.1 Mainline	Crude Oil	1.6	10.1
1963-002	19-Feb-63	Trans Mountain Pipe Line Company Limited	1			loop line MP 182.3	Crude Oil	Unknown	Unknown
1965-007	27-May-65	Trans Mountain Pipe Line Company Limited	1			MP 292.51	Crude Oil	44	276.8
1965-023	27-Jul-65	Trans Mountain Pipe Line Company Limited	1			Mile 237.4, Jasper	Water	N/A	N/A
1965-046	13-Oct-65	Trans Mountain Pipe Line Company Limited	1			Mile 237	Water	N/A	N/A
1965-047	15-Oct-65	Trans Mountain Pipe Line Company Limited	1			Mile 241	water	NULL	NULL
1966-016	29-Apr-66	Trans Mountain Pipe Line Company Limited	1			Mile 239	Crude Oil	1110	6981.9
1968-019	28-May-68	Trans Mountain Pipe Line Company Limited	1			Mile 529, Kamloops B.C	N/A	N/A	N/A

IncidentNo	Detected	ReportingCompany	Line Pipe	Pump Station	Terminal / Tank Farm	Location	Substance	Spill Volume in Cubic Metres	Spill Volume in Barrels (6.29 barrels per cubic metre)
1971-002	26-Apr-71	Trans Mountain Pipe Line Company Limited	1			Mile 581.3, Downstream from Brodie Valve	Crude Oil	475	2987.8
1973-016	24-Jun-73	Trans Mountain Pipe Line Company Limited	1			MP 205, Alberta	Crude Oil	125	786.3
1977-016	21-Jun-77	Trans Mountain Pipe Line Company Limited	1			MP 39.7 Mainline	Crude Oil	1031.7	6489.4
1978-019	15-Jun-78	Trans Mountain Pipe Line Company Limited			1	Tank # 51	Oil	6.4	40.3
1980-003	3-Jan-80	Trans Mountain Pipe Line Company Limited			1	Edmonton Terminal	Crude Oil	2	12.6
1981-022	20-Aug-81	Trans Mountain Pipe Line Company Limited			1	Tank Line	Crude Oil	150	943.5
1982-006	22-Apr-82	Trans Mountain Pipe Line Company Limited			1	Westridge Loading Line	Crude Oil	0.045	0.3
1982-028	28-Oct-82	Trans Mountain Pipe Line Company Limited			1	TMPL Burnaby Terminal	Crude Oil	7	44.0
1983-007	29-Mar-83	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Condensate	70	440.3
1983-012	1-May-83	Trans Mountain Pipe Line Company Limited			1	TMPL Burnaby Tank Farm # 82I	Crude Oil	6	37.7
1983-037	27-Nov-83	Trans Mountain Pipe Line Company Limited		1		TMPL Edson Station	Crude Oil	1.6	10.1
1984-004	25-Mar-84	Trans Mountain Pipe Line Company Limited	1			Line Valve	Crude oil	N/A	N/A
1984-013	21-Jun-84	Trans Mountain Pipe Line Company Limited		1		Station Boundary	Crude oil	2.4	15.1
1984-016	4-Jul-84	Trans Mountain Pipe Line Company Limited	1			Main Line Valve KP 525.3	Crude Oil	<0.001	<0.00629
1984-018	26-Jul-84	Trans Mountain Pipe Line Company Limited			1	Station Yard	Crude Oil	2.6	16.4
1984-026	20-Oct-84	Trans Mountain Pipe Line Company Limited		1		TMPL Edmonton Pump Station	Crude Oil - Sweet	360	2264.4

IncidentNo	Detected	ReportingCompany	Line Pipe	Pump Station	Terminal / Tank Farm	Location	Substance	Spill Volume in Cubic Metres	Spill Volume in Barrels (6.29 barrels per cubic metre)
1985-001	14-Jan-85	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Tank Farm	Crude Oil	1587	9982.2
1985-012	7-Apr-85	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Crude Oil	0.08	0.5
1985-014	1-Jun-85	Trans Mountain Pipe Line Company Limited		1		TMPL Jasper Pump Station	Crude Oil	Unknown	Unknown
1985-021	26-Aug-85	Trans Mountain Pipe Line Company Limited			1	TMPL Kamloops, B.C. Terminal	Crude Oil	3.2	20.1
1986-001	16-Jan-86	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Crude Oil	6.4	40.3
1986-005	4-Mar-86	Trans Mountain Pipe Line Company Limited			1	TMPL Kamloops, B.C. Terminal	Crude Oil	67.1	422.1
1986-019	25-Oct-86	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Crude Oil	38	239.0
1986-020	19-Oct-86	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Crude Oil	4.8	30.2
1986-021	29-Oct-86	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Crude Oil	195	1226.6
1986-024	4-Nov-86	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Crude Oil	2	12.6
1987-008	9-Mar-87	Trans Mountain Pipe Line Company Limited	1			Km 116.47 Pembina River Crossing west of Edmonton AB	Crude Oil	0.6	3.8
1987-027	10-Aug-87	Trans Mountain Pipe Line Company Limited			1	TMPL Burnaby Terminal	Crude Oil	12	75.5
1988-008	20-Apr-88	Trans Mountain Pipe Line Company Limited			1	TMPL Edmonton Terminal	Crude Oil	N/A	N/A
1988-012	19-May-88	Trans Mountain Pipe Line Company Limited	1			TMPL - Chiliwack KP 1017	Crude Oil	N/A	N/A
1988-020	1-Jul-88	Trans Mountain Pipe Line Company Limited		1		TMPL - Edmonton Pump Station	Crude Oil	7	44.0
1988-021	20-Jul-88	Trans Mountain Pipe Line Company Limited		1		TMPL - Black Pool Station	Crude Oil - Sweet	135	849.2

IncidentNo	Detected	ReportingCompany	Line Pipe	Pump Station	Terminal / Tank Farm	Location	Substance	Spill Volume in Cubic Metres	Spill Volume in Barrels (6.29 barrels per cubic metre)
1988-027	14-Sep-88	Trans Mountain Pipe Line Company Limited		1		TMPL - Edmonton Pump Station	Crude Oil	4	25.2
1988-028	27-Aug-88	Trans Mountain Pipe Line Company Limited		1		TMPL - Edmonton Pump Station	Crude Oil	0.01	0.1
1988-032	23-Oct-88	Trans Mountain Pipe Line Company Limited		1		TMPL Burnaby Tank	Crude Oil	0.6	3.8
1989-003	1-Feb-89	Trans Mountain Pipe Line Company Limited			1	TMPL - Burnaby Terminal	Crude Oil	0.01	0.1
1989-016	21-Apr-89	Trans Mountain Pipe Line Company Limited			1	TMPL - Edmonton Tank Farm	Crude Oil	Unknown	Unknown
1989-017	25-Apr-89	Trans Mountain Pipe Line Company Limited			1	TMPL - Edmonton Terminal	Crude Oil	7.9	49.7
1990-003	13-Mar-90	Trans Mountain Pipe Line Company Limited			1	TMPL - Westridge Terminal	Crude Oil - Sweet	0.005	0.0
1990-015	6-Jun-90	Trans Mountain Pipe Line Company Limited			1	TMPL - Edmonton Terminal	Crude Oil	0.8	5.0
1990-017	11-Jun-90	Trans Mountain Pipe Line Company Limited			1	TMPL - Kamloops Tank Farm	Crude Oil - Sweet	3	18.9
1990-029	6-Sep-90	Trans Mountain Pipe Line Company Limited	1			TMPL Kamloops to Burnaby Line	Crude Oil - Sweet	1	6.3
1991-093	24-Jun-91	Trans Mountain Pipe Line Company Limited	1			TMPL Kamloops to Burnaby Line	Crude Oil - Sweet	1	6.3
1991-095	4-Jul-91	Trans Mountain Pipe Line Company Limited			1	TMPL - Kamloops Tank Farm	Crude Oil - Sweet	1	6.3
1991-122	13-Jul-91	Trans Mountain Pipe Line Company Limited			1	TMPL - Edmonton Terminal	Jet Fuel	0.3	1.9
1991-196	3-Dec-91	Trans Mountain Pipe Line Company Limited			1	TMPL - Edmonton Tank Farm	Crude Oil - Sweet	2.8	17.6
1992-099	12-May-92	Trans Mountain Pipe Line Company Limited		1		Jasper Alberta Pump Station	Jet Fuel	1.2	7.5
1992-388	15-Dec-92	Trans Mountain Pipe Line Company Limited		1		TMPL - McMurphy Pump Station	Crude Oil - Sweet	0.8	5.0

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1993-013	31-Jan-93	Trans Mountain Pipe Line Company Limited			1	TMPL - Kamloops Tank Farm	Crude Oil - Sweet	1.5	9.4
1993-088	25-Jun-93	Trans Mountain Pipe Line Company Limited			1	TMPL - Edmonton Terminal	Crude Oil - Sweet	25	157.3
1994-010	17-Feb-94	Trans Mountain Pipe Line Company Limited			1	Tank Farm	Diesel fuel	3.7	23.3
1994-048	13-Aug-94	Trans Mountain Pipe Line Company Limited		1		TMPL - Sumas Station	Diesel fuel	0.76	4.8
1995-054	18-Sep-95	Trans Mountain Pipe Line Company Limited		1		Pump Station, Pump Unit #3	Crude Oil	1	6.3
1996-018	23-Apr-96	Trans Mountain Pipe Line Company Limited			1	TMPL - Burnaby Terminal	Contaminated Water	0.113	0.7
1997-004	20-Jan-97	Trans Mountain Pipe Line Company Limited		1		TMPL - Sumas Station	Approx 80% Methyl tert-butyl ether & 20% Diesel Fuel	4.5	28.3
1998-017	13-Mar-98	Trans Mountain Pipe Line Company Limited			1	TMPL - Westridge Terminal	Crude Oil - Sweet	0.04	0.3
1998-026	15-May-98	Trans Mountain Pipe Line Company Limited	1			TMPL - Mainline	Crude Oil - Sweet	0.5	3.1
1999-005	21-Jan-99	Trans Mountain Pipe Line Company Limited	1			TMPL - Blue River Scrapper Trap	Crude Oil - Sweet	0.16	1.0
1999-021	1-Apr-99	Trans Mountain Pipe Line Company Limited			1	TMPL - Edmonton Terminal	Gasoline	20	125.8
2002-053	16-Dec-02	Trans Mountain Pipe Line Company Limited		1		TMPL- Sumas Station	Crude Oil - Sweet	1.5	9.4
2005-039	15-Jul-05	Terasen Pipelines (Trans Mountain) Inc.			1	TMPL-Sumas Tank Farm	Crude Oil - Sweet	246.4	1549.9
2005-061	8-Dec-05	Terasen Pipelines (Trans Mountain) Inc.			1	TMPL - Edmonton Terminal	Iso-octane	6.06	38.1
2007-048	4-Jun-07	Terasen Pipelines (Trans Mountain) Inc.		1		TMPL - Wahleach Pump Station	Crude Oil - Sweet	70	440.3
2007-065	24-Jul-07	Trans Mountain Pipeline Inc.	1			TMPL - Westridge Line	Crude Oil - Synthetic	232	1459.3
2008-006	23-Jan-08	Trans Mountain Pipeline Inc.	1			Atco Pipeline	Natural Gas - Sweet	N/A	N/A

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2009-040	6-May-09	Trans Mountain Pipeline ULC			1	TMPL - Burnaby Terminal	Crude Oil - Sweet	200	1258.0
2011-038	5-Mar-11	Trans Mountain Pipeline ULC			1	TMPL - Kamloops, BC Terminal	Waste Oil	1.4	8.8
2011-065	22-Apr-11	Trans Mountain Pipeline ULC	1			TMPL - Mainline @ KP 150 (near Chip Lake, AB)	Oil	1.6	10.1
2012-016	24-Jan-12	Trans Mountain Pipeline ULC			1	TMPL - Sumas Tank Farm	Crude Oil - Sweet	110	691.9
No NEB #	12-Jun-13	Trans Mountain Pipeline ULC	1			TMPL - Mainline Kingsvale North	Crude Oil	0.8	5.0
No NEB #	26-Jun-13	Trans Mountain Pipeline ULC	1			TMPL - Mainline @ KP 966	Crude Oil	17.8*	112*
No NEB #	1-Dec-13	Trans Mountain Pipeline ULC			1	TMPL - Edmonton Terminal - Tank 31	Crude Oil	12.1	76.0
No NEB #	22-Jan-14	Trans Mountain Pipeline ULC		1		TMPL Chip Station	Crude Oil	2.7	17.0

* 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.