

This table lists crossings of Navigable Waters by major gas and hazardous liquid transmission pipelines throughout Montana consolidated in December 2015 by the Montana Department of Environmental Quality (DEQ).

This data was provided in cooperation with the Montana Department of Natural Resources and Conservation, the Montana Petroleum Association, and the companies that operate the pipelines.

Please contact Bonnie Lovelace (DEQ) at 406-444-1760 or blovelace2@mt.gov with any questions you have regarding the information. This listing meets the requirements of Senate Bill 368, passed by the 2015 Legislature.

Abbreviation for the primary commodity carried by the pipeline system. CRD=crude oil, PRD=non-HVL product, AA=anhydrous ammonia, LPG=liquefied petroleum gas, NGL=natural gas liquids, OHV=other HVLs, CO2=carbon dioxide, ETH=fuel grade ethanol, EPL=empty liquid, NG=natural gas, PG=propane gas, SG=synthetic gas, HG=hydrogen gas, OTG=other gas, EPG=empty gas. Note that when propane is transported as a liquid, the LPG commodity abbreviation is used. The PG abbreviation is only used when the commodity is in gaseous form.

Navigable Water Crossed	County	Commodity	Commodity Type	Diameter (inches)	Depth of Cover (meters)	Depth of Cover Measurement Date	Installation Process	Upstream Shutoff Valve (meters)	Downstream Shutoff Valve (meters)	Operator	System
Bighorn River	BIG HORN	NG	GAS	12	6	6/27/2005	Drilled	1,640	2,499	WBI ENERGY TRANSMISSION, INC.	WORLAND_CABIN CREEK(D)
Bighorn River	BIG HORN	PRD	LIQUID	8	12+	2012	HDD	1,835	161	PHILLIPS 66 PIPELINE LLC	SEMINOE 8 IN PRODUCTS
Bighorn River	BIG HORN	PRD	LIQUID	10	4	1999 - Original Construction Records	HDD	484	1,195	CENEX PIPELINE LLC	CENEX PIPELINE SYSTEM
Bitterroot River	MISSOULA	NG	GAS	4	2	1973	Open Cut	1,139	939	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Bitterroot River	RAVALLI	NG	GAS	4	3	1996	Open Cut	4,374	1,634	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Blackfoot River	MISSOULA	NG	GAS	8	12	2009	Bore	288	2,168	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Boulder River	SWEET GRASS	NG	GAS	10	Not Readily Available	1934	Open Cut	28,200	435	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	GRANITE	NG	GAS	12	Not Readily Available	1955	Open Cut	6,750	8,160	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	GRANITE	PRD	LIQUID	10	1	2015	Conventional Trenched	24,752	1,545	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE 10 IN/8 IN/6 IN PR
Clark Fork River	MISSOULA	NG	GAS	8	Not Readily Available	1957	Open Cut	1,138	2,150	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	MISSOULA	NG	GAS	12	Not Readily Available	1955	Open Cut	6,722	8,130	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	MISSOULA	NG	GAS	16	2	1996	Open Cut	10,462	4,086	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	MISSOULA	NG	GAS	16	2	1996	Open Cut	1,970	16,024	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	MISSOULA	PRD	LIQUID	10	1	2015	Conventional Trenched	644	11,780	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE 10 IN/8 IN/6 IN PR
Clark Fork River	MISSOULA	PRD	LIQUID	10	1	2014	Conventional Trenched	3,750	8,674	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE 10 IN/8 IN/6 IN PR
Clark Fork River	MISSOULA	PRD	LIQUID	10	Aerial Span	NA	Suspension Bridge	2,672	354	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE 10 IN/8 IN/6 IN PR
Clark Fork River	MISSOULA	PRD	LIQUID	10	12+	2012	HDD	1,609	19,360	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE 10 IN/8 IN/6 IN PR
Clark Fork River	POWELL	NG	GAS	3	Not Readily Available	1963	Open Cut	5,550	690	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	POWELL	NG	GAS	12	Not Readily Available	1955	Open Cut	900	340	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Clark Fork River	POWELL	PRD	LIQUID	10	12+	2012	HDD	7,789	4,587	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE 10 IN/8 IN/6 IN PR
Clark Fork River	SANDERS	EPL	LIQUID	10	Aerial Span (Idled)	2014	Suspension Bridge	12,601	4	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE WEST 10 IN/8 IN/6*
Clark Fork River	SANDERS	EPL	LIQUID	10	Aerial Span (Idled)	NA	Suspension Bridge	12,875	306	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE WEST 10 IN/8 IN/6*
Clark Fork River	SANDERS	PRD	LIQUID	10	Aerial Span	NA	Suspension Bridge	1,481	853	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE WEST 10 IN/8 IN/6*
Dearborn River	LEWIS AND CLARK	NG	GAS	16	Not Readily Available	1987	Open Cut	1,250	21,100	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Flathead River	FLATHEAD	NG	GAS	8	Above	N/A	On Bridge	1,150	740	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Gallatin River	GALLATIN	NG	GAS	12	3	1997	Open Cut	6,849	1,462	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Jefferson River	GALLATIN	NG	GAS	12	3	1950	Open Cut	6,399	930	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Jefferson River	MADISON	NG	GAS	8	2	1964	Open Cut	1,086	4,619	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Madison River	GALLATIN	NG	GAS	12	Not Readily Available	1950	Open Cut	3,650	2,284	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Marias River	CHOUTEAU	NG	GAS	10	2	1987	Open Cut	10,820	15,700	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Milk River	VALLEY	NG	GAS	4	4	6/24/2002	Drilled	6,564	68	WBI ENERGY TRANSMISSION, INC.	SACO_MORGAN CREEK
Milk River	VALLEY	NG	GAS	8	?	6/3/1981	Trenched	6,537	370	WBI ENERGY TRANSMISSION, INC.	SACO_MORGAN CREEK
Missouri River	BROADWATER	PRD	LIQUID	10	5	2011	HDD	306	161	PHILLIPS 66 PIPELINE LLC	YELLOWSTONE 10 IN/8 IN/6 IN PR
Missouri River	CASCADE	CRD	LIQUID	8	6" rock to exposed	2010	Conventional Trenched	257	274	PHILLIPS 66 PIPELINE LLC	GLACIER CRUDE 8 IN
Missouri River	CASCADE	CRD	LIQUID	12	0	2003	Conventional Trenched	257	274	PHILLIPS 66 PIPELINE LLC	GLACIER CRUDE 12 IN ONLY
Missouri River	CASCADE	CRD	LIQUID	16	9	1995 - Original Construction Records	HDD	629	5,342	FRONT RANGE PIPELINE, LLC.	FRONT RANGE PIPELINE SYSTEM
Missouri River	CHOUTEAU	CRD	LIQUID	24	23	6/1/1997	HDD	929	1,773	EXPRESS HOLDINGS (USA), LLC	EXPRESS PLATTE
Missouri River	LEWIS AND CLARK	PRD	LIQUID	6	Exposed	2014	Conventional Trenched	402	515	PHILLIPS 66 PIPELINE LLC	HELENA TO GREAT FALLS 6 IN PRO
Missouri River	MCCONE	NG	GAS	8	11	6/18/1996	Drilled	679	223	WBI ENERGY TRANSMISSION, INC.	SACO_MORGAN CREEK
Missouri River	ROOSEVELT	CRD	LIQUID	10	2	5/10/2012	Directional Drill	819	711	BRIDGER PIPELINE LLC	POPLAR PIPELINE SYSTEM
Missouri River	ROOSEVELT	NGL	LIQUID	10	15.24 Minimum	8/23/2012	HDD	2,641	101	ONEOK NGL PIPELINE, LLC	BAKKEN SYSTEM
Smith River	CASCADE	PRD	LIQUID	6	12+	2011	HDD	11,056	2,366	PHILLIPS 66 PIPELINE LLC	HELENA TO GREAT FALLS 6 IN PRO
South Fork Flathead River	FLATHEAD	NG	GAS	10	2	1962	Open Cut	2,120	6,400	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Stillwater River	FLATHEAD	NG	GAS	10	Not Readily Available	1962	Open Cut	90	210	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Sun River	CASCADE	NG	GAS	10	Not Readily Available	1950	Open Cut	145	82	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S

Navigable Water Crossed	County	Commodity	Commodity Type	Diameter (inches)	Depth of Cover (meters)	Depth of Cover Measurement Date	Installation Process	Upstream Shutoff Valve (meters)	Downstream Shutoff Valve (meters)	Operator	System
Sun River	CASCADE	NG	GAS	12	Not Readily Available	1950	Open Cut	145	82	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Sun River	LEWIS AND CLARK	NG	GAS	16	Not Readily Available	1987	Open Cut	10,800	1,800	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Sun River	LEWIS AND CLARK	NG	GAS	20	Not Readily Available	Not Readily Available	Not Readily Available	No valve - Line is retired	No valve - Line is retired	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Teton River	CHOUTEAU	NG	GAS	10	2	1971	Open Cut	24,500	7,580	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Teton River	TETON	CRD	LIQUID	8	1	2014	Conventional Trenched	4,571	1,159	PHILLIPS 66 PIPELINE LLC	GLACIER CRUDE 8 IN
Teton River	TETON	CRD	LIQUID	12	1	2014	Conventional Trenched	4,571	1,159	PHILLIPS 66 PIPELINE LLC	GLACIER CRUDE 12 IN ONLY
Teton River	TETON	CRD	LIQUID	16	1	7/28/2011	Conventional	4,865	3,704	FRONT RANGE PIPELINE, LLC.	FRONT RANGE PIPELINE SYSTEM
Teton River	TETON	NG	GAS	16	2	1987	Open Cut	3,895	19,400	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Teton River	TETON	NG	GAS	20	Not Readily Available	Not Readily Available	Not Readily Available	No valve - Line is retired	No valve - Line is retired	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Tongue River	CUSTER	NG	GAS	6	2	10/7/1972	Trenched	1,798	10,097	WBI ENERGY TRANSMISSION, INC.	WORLAND_CABIN CREEK(D)
Tongue River	CUSTER	NG	GAS	12	3	5/13/1960	Trenched	8,859	5,071	WBI ENERGY TRANSMISSION, INC.	WORLAND_CABIN CREEK(D)
Tongue River	CUSTER	PRD	LIQUID	8	2	8/8/2011	Conventional	9,040	5,842	CENEX PIPELINE LLC	CENEX PIPELINE SYSTEM
Whitefish River	FLATHEAD	NG	GAS	4	Not Readily Available	1986	Not Readily Available	124	340	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Whitefish River	FLATHEAD	NG	GAS	10	2	1962	Open Cut	2,500	430	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Yellowstone River	CARBON	CRD	LIQUID	24	22	6/13/1997	HDD	2,804	898	EXPRESS HOLDINGS (USA), LLC	EXPRESS PLATTE
Yellowstone River	DAWSON	CRD	LIQUID	10	13	4/28/2015	Directional Drill	428	1,160	BRIDGER PIPELINE LLC	POPLAR PIPELINE SYSTEM
Yellowstone River	DAWSON	NG	GAS	16	17	3/5/2015	Drilled	1,037	1,174	WBI ENERGY TRANSMISSION, INC.	CABIN CREEK_WILLISTON(A)
Yellowstone River	PARK	NG	GAS	12	2	1993	Open Cut	2,408	4,800	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Yellowstone River	PRAIRIE	PRD	LIQUID	10	12	1999 - Original Construction Records	HDD	244	306	CENEX PIPELINE LLC	CENEX PIPELINE SYSTEM
Yellowstone River	RICHLAND	CRD	LIQUID	8	3	4/30/2015	Directional Drill	206	4,180	TESORO HIGH PLAINS PIPELINE COMPANY LLC	TESORO
Yellowstone River	RICHLAND	NG	GAS	8	N/A	5/9/1994	Installed on Bridge	220	433	WBI ENERGY TRANSMISSION, INC.	CABIN CREEK_WILLISTON(A)
Yellowstone River	RICHLAND	NGL	LIQUID	4	1.219 Minimum	8/9/2011	Open Cut	101	1,188	ONEOK NGL PIPELINE, LLC	BAKKEN SYSTEM
Yellowstone River	RICHLAND	NGL	LIQUID	10	21.334 Minimum	10/22/2011	HDD	101	1,188	ONEOK NGL PIPELINE, LLC	BAKKEN SYSTEM
Yellowstone River	RICHLAND	NGL	LIQUID	12	12.13 Minimum	5/11/2012	HDD	1,040	2,173	ONEOK NGL PIPELINE, LLC	BAKKEN SYSTEM
Yellowstone River	RICHLAND	PRD	LIQUID	8	Span	N/A	Span on Bridge	1,357	2,391	CENEX PIPELINE LLC	CENEX PIPELINE SYSTEM
Yellowstone River	STILLWATER	NG	GAS	4	12	1997	Bore	310	1,690	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Yellowstone River	SWEET GRASS	NG	GAS	12	15	2002	Bore	1,415	20,000	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Yellowstone River	YELLOWSTONE	CRD	LIQUID	10	12+	2014	HDD	209	306	PHILLIPS 66 PIPELINE LLC	GLACIER 10 IN CRUDE
Yellowstone River	YELLOWSTONE	CRD	LIQUID	12	5' to 6'	10/1/2014	Trenched	303	147	EXXONMOBIL PIPELINE CO	MONTANA CRUDE
Yellowstone River	YELLOWSTONE	CRD	LIQUID	12	Greater than 6 meters (20')	2011	HDD	212	213	EXXONMOBIL PIPELINE CO	MONTANA CRUDE
Yellowstone River	YELLOWSTONE	CRD	LIQUID	12	13	1996	Directional Drill	167	168	PLAINS PIPELINE, L.P.	ROCKY MOUNTAIN
Yellowstone River	YELLOWSTONE	EPL	LIQUID	8	0	0	0	0	0	ABANDONED	GLACIER CRUDE-BYRON 8 IN
Yellowstone River	YELLOWSTONE	EPL	LIQUID	8	Unknown (Idled, added to 2016 survey)	-	-	5,150	338	PHILLIPS 66 PIPELINE LLC	GLACIER CRUDE-BYRON 8 IN
Yellowstone River	YELLOWSTONE	EPL	LIQUID	8	Highway Bridge (Idled)	NA	Highway Bridge	3,766	354	PHILLIPS 66 PIPELINE LLC	GLACIER CRUDE-BYRON 8 IN
Yellowstone River	YELLOWSTONE	NG	GAS	6	Above	N/A	On Bridge	No valve - Line is retired	No valve - Line is retired	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Yellowstone River	YELLOWSTONE	NG	GAS	8	1	3/28/2013	Open trench	190	158	MONTANA - DAKOTA UTILITIES CO	EXXON LINE
Yellowstone River	YELLOWSTONE	NG	GAS	8	Above	N/A	On Bridge	1,500	4,500	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Yellowstone River	YELLOWSTONE	NG	GAS	8	Not Readily Available	1992	Open Cut	270	5,100	NORTHWESTERN ENERGY LLC	NORTHWESTERN ENERGY GT&S
Yellowstone River	YELLOWSTONE	NG	GAS	16	8	1/9/2012	Drilled	237	160	WBI ENERGY TRANSMISSION, INC.	LOVELL_ELK BASIN BILLINGS(D)
Yellowstone River	YELLOWSTONE	NG	GAS	16	13	12/4/2009	Drilled	276	161	WBI ENERGY TRANSMISSION, INC.	LOVELL_ELK BASIN BILLINGS(D)
Yellowstone River	YELLOWSTONE	PRD	LIQUID	8	2	8/23/2011	Conventional - Bundled	326	360	CENEX PIPELINE LLC	CENEX PIPELINE SYSTEM
Yellowstone River	YELLOWSTONE	PRD	LIQUID	8	1	2015	Conventional Trenched	322	354	PHILLIPS 66 PIPELINE LLC	EXXON-YPL 12 IN/8 IN SUCTION
Yellowstone River	YELLOWSTONE	PRD	LIQUID	8	12+	2015	HDD	370	451	PHILLIPS 66 PIPELINE LLC	SEMINOE 8 IN PRODUCTS
Yellowstone River	YELLOWSTONE	PRD	LIQUID	8	1	2015	Conventional Trenched	322	354	PHILLIPS 66 PIPELINE LLC	EXXON REFINERY SEMINOE 8 IN SU

Montana's Navigable Waterways



• Major Cities

□ Counties

~ Navigable Waterways

Navigable Waterways as defined by the Montana Department of Natural Resources & Conservation (May 2014)

