

Minnesota All Pipeline Systems: 2000-2009

| Date | City | Operator | Cause | Sub-Cause | Fatalities | Injuries | Property Damage | Gross Barrels Spilled | Net Barrels Lost |
|------------|---------------------|---|----------------------------|---------------------------------------|------------|----------|-----------------|-----------------------|------------------|
| 02/07/2000 | | LAKEHEAD PIPE LINE CO INC | MAT'L/WELD/EQUIP FAILURE | UNSPECIFIED WELD | 0 | 0 | \$238,694 | 25 | 15 |
| 02/23/2000 | | LAKEHEAD PIPE LINE CO INC | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 0 | \$124,320 | 10 | 5 |
| 04/26/2000 | | WILLIAMS PIPE LINE COMPANY | EXCAVATION DAMAGE | THIRD PARTY EXCAVATION DAMAGE | 0 | 0 | \$161,616 | 50 | 33 |
| 05/06/2000 | ROGERS | AMOCO PIPELINE CO | EXCAVATION DAMAGE | THIRD PARTY EXCAVATION DAMAGE | 0 | 0 | \$372,960 | 425 | 125 |
| 07/22/2000 | | LAKEHEAD PIPE LINE CO INC | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 0 | \$380,419 | 50 | 40 |
| 10/23/2000 | EAGAN | PEOPLES NATURAL GAS | MAT'L/WELD/EQUIP FAILURE | UNSPECIFIED MAT'L/WELD/EQUIP FAILURE | 0 | 1 | \$1,243,200 | N/A | N/A |
| 11/16/2000 | ST PAUL | NORTHERN STATES POWER CO | EXCAVATION DAMAGE | THIRD PARTY EXCAVATION DAMAGE | 0 | 1 | \$161,616 | N/A | N/A |
| 11/18/2000 | OSAKIS | NORTHERN NATURAL GAS CO (ENRON) | CORROSION | INTERNAL CORROSION | 0 | 0 | \$160,372 | N/A | N/A |
| 01/01/2001 | MINNETONKA | MINNEGASCO INC | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 0 | \$1,214,774 | N/A | N/A |
| 01/25/2001 | | LAKEHEAD PIPE LINE COMPANY LP | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 0 | \$242,954 | 25 | 15 |
| 03/04/2001 | | LAKEHEAD PIPE LINE COMPANY LP | MAT'L/WELD/EQUIP FAILURE | UNSPECIFIED WELD | 0 | 0 | \$242,954 | 25 | 10 |
| 04/24/2001 | | MINNESOTA PIPELINE CO | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 0 | \$183,502 | 2 | 0 |
| 04/24/2001 | NORTHFIELD | NORTHERN STATES POWER CO | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 0 | \$303,693 | N/A | N/A |
| 08/18/2001 | EDEN PRAIRE | MINNEGASCO INC | OTHER OUTSIDE FORCE DAMAGE | UNSPECIFIED OUTSIDE FORCE DAMAGE | 0 | 0 | \$485,909 | N/A | N/A |
| 02/13/2002 | ROCHESTER | PEOPLES NATURAL GAS | EXCAVATION DAMAGE | THIRD PARTY EXCAVATION DAMAGE | 0 | 0 | \$167,112 | N/A | N/A |
| 02/14/2002 | CASS LAKE | ENBRIDGE ENERGY LIMITED PARTNERSHIP | EXCAVATION DAMAGE | OPERATOR/CONTRACTOR EXCAVATION DAMAGE | 0 | 0 | \$12,056 | 50 | 5 |
| 02/22/2002 | CLEARBROOK | ENBRIDGE ENERGY LIMITED PARTNERSHIP | INCORRECT OPERATION | UNSPECIFIED INCORRECT OPERATION | 0 | 0 | \$143,239 | 50 | 0 |
| 03/29/2002 | CLEARBROOK | KOCH PIPELINE COMPANY L.P. | MAT'L/WELD/EQUIP FAILURE | JOINT/FITTING/COMPONENT | 0 | 0 | \$125,334 | 180 | 15 |
| 04/24/2002 | | MAGELLAN PIPELINE COMPANY LLC | MAT'L/WELD/EQUIP FAILURE | PIPE SEAM | 0 | 0 | \$1,067,829 | 725 | 414 |
| 07/04/2002 | COHASSET | ENBRIDGE ENERGY LIMITED PARTNERSHIP | MAT'L/WELD/EQUIP FAILURE | PIPE SEAM | 0 | 0 | \$6,681,289 | 6000 | 3426 |
| 11/04/2002 | FLOODWOOD | ENBRIDGE ENERGY LIMITED PARTNERSHIP | MAT'L/WELD/EQUIP FAILURE | FILLET WELD | 0 | 0 | \$179,049 | 4 | 3 |
| 01/23/2003 | BRECKENRIDGE | GREAT PLAINS NATURAL GAS CO | NATURAL FORCE DAMAGE | TEMPERATURE | 0 | 0 | \$587,246 | N/A | N/A |
| 02/10/2003 | SILVER BAY | NORTHERN NATURAL GAS CO | CORROSION | EXTERNAL CORROSION | 0 | 0 | \$1,620,097 | N/A | N/A |
| 03/16/2003 | CLEARBROOK | KOCH PIPELINE COMPANY L.P. | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 0 | \$103,769 | 1 | 1 |
| 04/14/2003 | TRAIL | ENBRIDGE ENERGY LIMITED PARTNERSHIP | MAT'L/WELD/EQUIP FAILURE | BUTT WELD | 0 | 0 | \$1,174,492 | 125 | 50 |
| 05/26/2003 | CLEARBROOK | ENBRIDGE ENERGY LIMITED PARTNERSHIP | MAT'L/WELD/EQUIP FAILURE | JOINT/FITTING/COMPONENT | 0 | 0 | \$23,489 | 100 | 0 |
| 06/12/2003 | WAKEFIELD | MINNEGASCO INC | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 1 | \$21,140 | N/A | N/A |
| 01/13/2004 | ROYALTON | NORTHERN STATES POWER CO | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 1 | \$231,853 | N/A | N/A |
| 02/19/2004 | GRAND RAPIDS | ENBRIDGE ENERGY LIMITED PARTNERSHIP | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 0 | \$1,263,359 | 1003 | 994 |
| 02/19/2004 | BUFFALO | CENTERPOINT ENERGY MINNEGASCO | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 0 | \$229,535 | N/A | N/A |
| 05/10/2004 | HOPKINS | CENTERPOINT ENERGY MINNEGASCO | ALL OTHER CAUSES | MISCELLANEOUS CAUSE | 0 | 1 | \$173,890 | N/A | N/A |
| 05/20/2004 | CLEARBROOK | ENBRIDGE ENERGY LIMITED PARTNERSHIP | MAT'L/WELD/EQUIP FAILURE | FILLET WELD | 0 | 0 | \$115,926 | 0 | 0 |
| 06/15/2004 | BRANDON | MAGELLAN PIPELINE COMPANY LLC | MAT'L/WELD/EQUIP FAILURE | NON-THREADED CONNECTION FAILURE | 0 | 0 | \$98,624 | 2 | 2 |
| 09/29/2004 | SHELDON | NORTHERN NATURAL GAS CO | EXCAVATION DAMAGE | THIRD PARTY EXCAVATION DAMAGE | 0 | 0 | \$243,731 | N/A | N/A |
| 11/27/2004 | RED WING | NORTHERN STATES POWER COMPANY DBA XCEL E | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 1 | \$2,318 | N/A | N/A |
| 12/07/2004 | ALEXANDRIA | CENTERPOINT ENERGY | OTHER OUTSIDE FORCE DAMAGE | PREVIOUS MECHANICAL DAMAGE | 0 | 0 | \$597,023 | N/A | N/A |
| 12/28/2004 | RAMSEY | CENTERPOINT ENERGY RESOURCES CORP DBA CEN | NATURAL FORCE DAMAGE | TEMPERATURE | 3 | 1 | \$347,780 | N/A | N/A |
| 04/06/2005 | JACKSON | NORTHERN NATURAL GAS COMPANY | INCORRECT OPERATION | UNSPECIFIED INCORRECT OPERATION | 0 | 0 | \$118,259 | N/A | N/A |
| 08/15/2005 | INVER GROVE HEIGHTS | ENTERPRISE PRODUCTS OPERATING LP | INCORRECT OPERATION | UNSPECIFIED INCORRECT OPERATION | 0 | 0 | \$69,021 | 500 | 500 |
| 10/04/2005 | COTTAGE GROVE | NORTHERN STATES POWER COMPANY D/B/A XCEL | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 2 | \$297,690 | N/A | N/A |
| 01/25/2006 | ST.PAUL | NORTHERN STATES POWER COMPANY DBA XCEL E | OTHER OUTSIDE FORCE DAMAGE | VEHICLE NOT ENGAGED IN EXCAVATION | 0 | 0 | \$195,011 | N/A | N/A |
| 03/02/2006 | ANNANDALE | NORTHERN NATURAL GAS COMPANY | OTHER OUTSIDE FORCE DAMAGE | VEHICLE NOT ENGAGED IN EXCAVATION | 0 | 0 | \$110,727 | N/A | N/A |
| 05/31/2006 | MINNEAPOLIS | CENTERPOINT ENERGY RESOURCES GROUP D/B/A | INCORRECT OPERATION | UNSPECIFIED INCORRECT OPERATION | 0 | 2 | \$758 | N/A | N/A |
| 06/27/2006 | LITTLE FALLS | KOCH PIPELINE COMPANY LP | OTHER OUTSIDE FORCE DAMAGE | PREVIOUS MECHANICAL DAMAGE | 0 | 0 | \$5,074,499 | 3200 | 1450 |
| 07/26/2006 | ANDOVER | CENTERPOINT ENERGY RESOURCES GROUP D/B/A | OTHER OUTSIDE FORCE DAMAGE | VEHICLE NOT ENGAGED IN EXCAVATION | 0 | 0 | \$433,359 | N/A | N/A |
| 10/12/2006 | BUFFALO | NORTHERN NATURAL GAS COMPANY | ALL OTHER CAUSES | UNKNOWN CAUSE | 0 | 0 | \$541,699 | N/A | N/A |
| 02/07/2007 | COTTAGE GROVE | KOCH PIPELINE COMPANY LP | OTHER OUTSIDE FORCE DAMAGE | FIRE/EXPLOSION AS PRIMARY CAUSE | 0 | 0 | \$107 | 0 | 0 |
| 08/19/2007 | BURNSVILLE | CENTERPOINT ENERGY RESOURCES GROUP DBA C | NATURAL FORCE DAMAGE | LIGHTNING | 0 | 0 | \$160,077 | N/A | N/A |
| 11/28/2007 | CLEARBROOK | ENBRIDGE ENERGY LIMITED PARTNERSHIP | INCORRECT OPERATION | UNSPECIFIED INCORRECT OPERATION | 2 | 0 | \$2,782,808 | 325 | 325 |
| 12/24/2007 | MOORHEAD | NORTHERN STATES POWER CO. OF MINNESOTA | NATURAL FORCE DAMAGE | TEMPERATURE | 0 | 0 | \$106,011 | N/A | N/A |
| 03/12/2008 | ROCHESTER | MINNESOTA ENERGY RESOURCES CORPORATION | ALL OTHER CAUSES | UNKNOWN CAUSE | 0 | 0 | \$331,724 | N/A | N/A |
| 03/23/2008 | CLEARBROOK | KOCH PIPELINE COMPANY L.P. | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 0 | \$492,487 | 1600 | 100 |
| 04/14/2008 | DULUTH | CITY OF DULUTH PUBLIC WORKS & UTILITIES | ALL OTHER CAUSES | UNKNOWN CAUSE | 0 | 0 | \$408,275 | N/A | N/A |
| 05/23/2008 | BEAVER BAY | NORTHERN NATURAL GAS CO | NATURAL FORCE DAMAGE | EARTH MOVEMENT | 0 | 0 | \$535,974 | N/A | N/A |
| 02/27/2009 | VIKING | ENBRIDGE ENERGY LIMITED PARTNERSHIP | INCORRECT OPERATION | UNSPECIFIED INCORRECT OPERATION | 0 | 0 | \$4,006 | 0 | 0 |
| 06/01/2009 | ROSEMOUNT | MAGELLAN PIPELINE COMPANY LP | MAT'L/WELD/EQUIP FAILURE | JOINT/FITTING/COMPONENT | 0 | 0 | \$495,637 | 2 | 2 |
| 12/04/2009 | STAPLES | KOCH PIPELINE COMPANY L.P. | MAT'L/WELD/EQUIP FAILURE | JOINT/FITTING/COMPONENT | 0 | 0 | \$3,210,000 | 5000 | 2586 |
| Totals | | | | | 5 | 11 | \$36,095,320 | 19479 | 10116 |