

1993 Annual Emission Inventory Report (Tons/Year)

Company Name	Particulate	PM-10	SO ₂	NO _x	CO	Nonmethane HC	HAPS
<u>ADM Corn Processing - Walhalla</u>							
T5O86005 Ethanol Plant - Walhalla	32.6	30.6	365.6	231.4	79	91.4	0
<u>ADM Processing</u>							
T5G83001 Oil Seed Proc. - Velva	12.1	11	0	9.2	2.2	6	
<u>Aggregate Industries-North Central Region</u>							
A81004 Plant 401	1.2	0.9	0	1	0	0	
A82001 Asphalt Plant	0.3	0.1	0	1.9	0.3	0	
<u>Alchem, Ltd</u>							
X86001 Ethanol Plant - Grafton	28.2	15.7	0	24.9	6	49.2	
<u>Allied Paving</u>							
A94002 Asphalt Plant	0.4	0.4	0	0	0	0	0
<u>Amerada Hess Corporation</u>							
O81020 Blue Buttes	0	0	0	72.9	28.2	2.9	
T5O81018 Cherry Creek	0	0	0	134.6	65.9	1.3	
O89002 Dolphin	0	0	0	87.1	86.6	2.6	
T5O81019 Hawkeye	0	0	0	222.7	124.3	5.1	
O95003 Hunt	0	0	0	46.6	4.6	0.4	
O84013 North Charlson	0	0	0	52	26.5	1.6	
O85010 Temple Gas Plant	0.4	0.4	168.8	390.8	382.8	12	0
T5O82002 Tioga Gas Plant	3.5	3.5	1045.7	1808.4	521.3	19.4	
<u>American Colloid Company</u>							
M77001 Reeder Facility	6.7	6.1	5.3	5.1	4.4	0.4	
<u>American Crystal Sugar</u>							
T5X73015 Drayton Plant	178.5	126.2	716.4	726.4	316.7	3	
T5X75001 Hillsboro Plant	119	79.3	552.7	465.5	388.9	3.7	
<u>Anderson Western, Inc.</u>							
A90001 Base 2, Unit 300	0.7	0.2	9.5	2.7	0.7	0	
<u>Basin Cooperative Services, Inc.</u>							
O81001 Glenharold Mine	3.1	1.6	0	0	0	0	0

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<u>Basin Electric Power Cooperative</u>							
T5F86003	Antelope Valley Station	1087	1084	13898	12094	677.5	297.6
T5F73004	Leland Olds Station	436.4	432.1	29496.7	15978.8	753.1	138.2
<u>Bear Paw Energy, LLC</u>							
T5O83003	Alexander	0	0	0.2	169.1	95	1.6
O76001	Boxcar Butte	0	0	0.1	95.4	82	1.3
O82011	Bull Moose #1	0	0	0.3	146.5	123.4	2
O90002	Cow Creek	0	0	0.2	77.4	66.5	1.1
O86011	Demicks Lake	0	0	0	92.3	92.2	2.8
T5O84016	Fort Buford	0	0	0.2	95.2	81.8	1.3
T5O83005	Grasslands Plant	0	0	844.9	63	6	0
T5O80001	Lignite Gas Plant	0.4	0.4	600.8	215.5	145.1	3.3
O84004	Mystery Creek	0	0	0	58.9	58.8	1.8
O91004	Plaza	0	0	0.1	45.3	39	0.6
O93006	Poker Jim (Shut Down)	0	0	0.2	118.4	101.8	1.6
O93002	Rough Rider 1	0	0	0.3	129.7	111.5	1.8
T5O96009	Tree Top	0	0	0.3	150	129	2.1
O85002	Trenton	0	0	0.1	37.6	32.3	0.5
<u>Bechtold Paving, Inc.</u>							
A81002	Asphalt Plant	1	0.8	0.1	2.7	0.3	0
A76018	Asphalt Plant P-1	4.2	3.2	0	6	0	0
<u>Belle Fourche Pipeline Co.</u>							
O88002	Alexander	0	0	0	0	0	0.3
O79001	Bicentennial	0	0	0	0	0	0.8
O01099	Magpie Creek	0	0	0	0	0	3.3
O01098	Redwing Creek	0	0	0	0	0	3.3
O91002	Treetop	0	0	0	0	0	0.5
<u>Border States Paving, Inc.</u>							
A76010	4-1	2	1.6	2.8	2.8	0.8	0
A81006	4-5	0.2	0.2	0	1.6	0.4	0
<u>Border States Paving, Inc.</u>							
A76012	4-3	0.1	0.1	0.2	0.2	0	0
A85002	4-4	2	2	11.3	9.5	2.4	0.1
A93001	4-6	0.4	0.4	1.2	3.9	0.8	0.2
A76007	4-7	0.7	0.6	4.5	0.8	0.1	0

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<u>Busch Agricultural Resources, Inc</u>							
G83009 West Fargo Facility	14.1	1.7	0	0	0	0	
<u>CAMAS Minndak, Inc.</u>							
A75006 Asphalt Plant-Wahpeton	1	0.4	0	1	0	0	0
<u>Cargill Malt</u>							
G82002 Barley Malting Plant	2.2	2.2	0.2	48.9	12.2	0	
<u>Cargill, Inc. - West Fargo</u>							
T5G81005 Oil Seed Processing	60.4	45.5	1.2	44.4	41.9	21.2	
<u>Cavalier Air Force Station (10 SWS/CC)</u>							
T5O89001 Power Plant	0	0	3.1	88	22.2	5.7	
<u>Center Coal Co./Div. Of General Ind. Inc.</u>							
O85008 Lignite Coal Crushing	0.1	0	0	0	0	0	
<u>Conoco Pipe Line Company</u>							
O81004 Franks Creek	0	0	0	0	0	0.3	0
<u>Continental Resources Inc. - Medicine Pole</u>							
T5O88006 Medicine Pole Hills	0	0	0	73.8	73.8	7.2	
<u>Coteau Properties Company</u>							
O85004 Freedom Mine	30.7	27.6	0	0	0	0	
<u>Dakota Gasification Co.</u>							
T5F96007 Plant	1757.5	249.3	37394.5	3565	2018.3	159.1	
<u>Dakota Westmoreland Corporation</u>							
O81011 Beulah Mine	5.8	3.3	0	0	0	0	
<u>Developmental Center</u>							
F84001 Heating Plant	0.5	0.4	5	8.4	2	0.2	
<u>Dickinson State University</u>							
F73025 Heating Plant	0.1	0.1	0	2.8	0.7	0.1	

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<u>Enbridge Pipelines (North Dakota) Inc.</u>							
O82008 Beaver Lodge	0	0	0	0	0	6.8	
O82006 Grenora	0	0	0	0	0	15.4	
O82001 Minot	0	0	0	0	0	12.3	
O82007 Stanley	0	0	0	0	0	2.4	
O88005 Trenton	0	0	0	0	0	0.6	
O84014 Trenton & Alexander	0	0	0	0	0	12.3	
<u>EOTT Energy Pipeline Limited Partnership</u>							
O87001 Kildeer	0	0	0	0	0	10.3	
O81010 Mystery Creek	0	0	0	0	0	0.1	
O81009 Teddy Roosevelt Crude Oil Station	0	0	0	0	0	0.6	
O84007 Trenton	0	0	0	0	0	1.1	
O83002 Whitetail	0	0	0	0	0	3	
<u>Everetts And Associates, Inc.</u>							
A76008 40-3-A	1.6	1.4	13.6	3.6	0.4	0	0
<u>Falkirk Mining Company</u>							
O79002 Falkirk Mine	41.3	41.2	0	0	0	0	
<u>Flickertail Paving & Supply</u>							
A80003 12-001	1.4	0.8	12.8	9.5	2.4	0.2	
<u>Flying J Inc.</u>							
O81017	0	0	0	0	0	1	0
<u>GeoResources, Inc.</u>							
M82002 Leonardite Processing	19.3	9.7	0	1.2	0.3	0	
<u>Grand Forks Air Force Base</u>							
T5F78004 Heating Plant	0.4	0.4	0.3	7.4	1.7	18.2	
<u>Great River Energy - SS</u>							
T5F76007 Stanton Station	168.9	89.3	6303.4	3814.4	141.3	25.5	
<u>Great River Energy - CCS</u>							
T5F82006 Coal Creek Station	1987.5	1332.4	50698.6	26051.2	357.4	215	

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<u>Gutzmer Construction, Inc.</u>							
A77004 Asphalt Plant	0.6	0.6	1	1.4	0.4	0	0
A82002 Lisbon	0.4	0.2	0.6	0.2	0	0	0
<u>Hardrives, Inc.</u>							
A77002 Plant 401	2	1	16.4	9.8	2.5	0.2	
A93002 Plant 501	1.3	0.7	11.6	7.7	2	0.1	
<u>Health Care Incinerators, Inc.</u>							
T5178001 Incinerator (HMIWI)	0.3	0.3	0	0	0	0	
<u>Horse Creek Trading and Compression Co.</u>							
O97008 Horse Creek Air Injection Facility	0.1	0.1	42.2	97.7	95.7	3	0
<u>Hubert Oye & Sons, Inc.</u>							
A87003 Asphalt Plant	0.4	0.4	0.8	0.2	0	0	0
<u>Keller Paving and Landscaping, Inc.</u>							
A94001 Asphalt Plant	0.1	0.1	0	0	0	0	
<u>Knife River Coal Mining Company</u>							
O79011 Gascoyne Mine	31.4	29.8	0	0	0	0	0
<u>Koch Exploration Company</u>							
O84009 CMU Station	0	0	0	0	0	0	0
<u>Koch Hydrocarbon Company</u>							
O85011 Goats Pass	0	0	0.2	78.1	67.1	1.1	0
O92001 Stenejhem	0	0	4.2	36.7	36.6	0.4	0
<u>Lake Region Asphalt, Inc.</u>							
A90002 Devils Lake	0.2	0.1	0	0.1	0	0	
<u>Mariner Construction, Inc.</u>							
A93003 Adeco Portable	1	0.8	4	1	0.2	0	0
A83003 H & B Batch Plant	1	0.8	2	0.4	0.2	0	0
<u>Mayo Construction Company, Inc.</u>							
A83004 12-029	21.9	18	74.1	44.4	10.5	0.9	0

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<u>Mayville State University</u>							
F73026 Heating Plant	1.2	0.8	36.4	6.6	0.6	0	
<u>Minn-Dak Farmers Cooperative</u>							
T5X78001 Wahpeton Plant	184.6	128.6	558.8	714.2	254	1	
<u>Minnkota Power Cooperative, Inc.</u>							
T5F76009 M R Young Station 1 & 2	718.6	488.6	39900.7	27225	1038.5	228	
<u>Minot Air Force Base</u>							
T5F78001 Fuel Certification	0	0	0	36.1	8.9	15.9	
<u>Minot Paving Company, Inc.</u>							
A79003 Asphalt Plant	1.9	1.6	14.7	5.7	0.9	0.2	
<u>Minot State University</u>							
F74003 Heating Plant	7.9	3.3	66.4	11.8	8.9	0	
<u>Montana Dakota Utilities Co.</u>							
T5F76001 RM Heskett Station - Mandan	154.2	153.4	2150.6	899.9	1002.5	14	
F74004 Williston	0	0	0	0.1	0	0	
<u>Nodak Contracting, A Div. of Strata Corp.</u>							
A83001 ACECO Plant	1.1	1	9.8	2.3	0.3	0	
A75005 Asphalt Plant	1.5	1.3	11.8	3.1	0.4	0.1	
<u>North Dakota Air National Guard</u>							
O95001 Fargo Storage Tanks and Diesel Engines	0	0	0	0	0	0.3	
<u>North Dakota National Guard</u>							
F82009 Camp Grafton Boilers	9.9	4	34.7	7.3	6.1	0.1	
<u>North Dakota School For The Deaf</u>							
F76005 Heating Plant	2.6	1.7	2.7	1.3	1.6	0.2	
<u>North Dakota State College of Science</u>							
T5F86004 Heating Plant	0.5	0.5	1.1	12.4	3.1	0.2	
<u>North Dakota State Hospital</u>							
F86005 Heating Plant	1	0.8	3.7	10.7	3	0.2	

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<u>North Dakota State Penitentiary</u>							
F83007 Heating Plant	2.3	1.4	31.2	8.9	6.8	0.1	
<u>North Dakota State University</u>							
T5F73019 Heating Plant	75.2	31.2	209.6	110	49.6	0.2	
<u>Northern Border Pipeline Co.</u>							
T5O84001 Station #4	9.5	9.5	3.4	182	70.4	1.3	
T5O93003 Station #6	9.4	9.4	3.4	166	68.5	1.3	
T5O84002 Station #8	9.9	9.9	3.6	175	72.6	1.3	
<u>Northern Improvement Company</u>							
A87001 Plant 40-070	1.6	1.4	12.2	3.9	0.6	0	
A76016 Plant 5	1.6	1.3	0	2.4	0	0	
A79002 40-055	1.8	1.6	13.8	8	1.4	0	0
A76019 40-071	1.8	1.4	0.2	2.4	0.6	0	0
A94003 Plant 40-096	0.1	0.1	0	0	0	0	
<u>Northern Sun (Division of ADM)</u>							
T5G85006 Oil Seed Processing	143.1	103.7	4.2	134.6	151	82.6	
<u>Otter Tail Power Company</u>							
T5F84011 Coyote	805.7	801.7	18243	12162	547.9	120.5	
F76003 Jamestown Peaking Plant	0.3	0.3	3.5	6	0.4	0	
<u>Petro-Hunt, L.L.C.</u>							
T5O81013 Little Knife Gas Plant	0	0	572	0	0	0	
<u>Plains Marketing, LP.</u>							
O88004 Battleview Station 5000 bbl	0	0	0	0	0	0.5	
<u>Rice Creek Construction</u>							
A94004 Portable Asphalt Plant	0.2	0.2	0	0	0	0	0
<u>Shell Pipeline Company, LP</u>							
O96014 Tank - Fryburg	0	0	0	0	0	2.9	
<u>Sun Valley Products, Inc.</u>							
G90002 Roasters	5	4	0	0	0	0	

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<u>Tesoro High Plains Pipeline Co.</u>							
O97002	Alexander Station	0	0	0	0	0.9	
O97003	Cartwright Station	0	0	0	0	0.6	
O97005	Frank's Creek	0	0	0	0	0.2	
O97004	Poker Jim Station	0	0	0	0	1.5	
O87003	Tank 7206-7400-7401	0	0	0	0	9.8	
O87002	Tank 7207-7405	0	0	0	0	5.4	
O78003	Tank 7351-7354	0	0	0	0	0.3	
O79009	Tank 7365	0	0	0	0	1.1	
O79010	Tank 7366	0	0	0	0	0.5	
O79008	Tank 7367-7369	0	0	0	0	1.4	
O81002	Tank 7368-7370-7376-7378	0	0	0	0	0.8	
O81008	Tank 7377-7800	0	0	0	0	1.1	
O81003	Tank 7380	0	0	0	0	3.1	
O83006	Tank 7389-7407-7408-7409	0	0	0	0	0.8	
O84010	Tank 7390-7406	0	0	0	0	0.8	
O85009	Tank 7396-7801	0	0	0	0	0.6	
<u>Tesoro Refining and Marketing Company</u>							
T5O78001	Mandan Refinery	253.1	202.4	6305	1931.4	141.6	249.3
<u>Triton Corporation</u>							
A87004		0.2	0.2	0.4	0.6	0	0
<u>True Oil LLC</u>							
O78002	Redwing Gas Plant	0	0	0	223.8	136.1	3.4
<u>University of North Dakota</u>							
T5F73018	Heating Plant & Incinerator (HMIWI)	121.7	79.1	533.8	347.8	126.5	1.4
<u>Valley City State University</u>							
F73020	Heating Plant	2.8	1.6	8.5	4.8	2.3	0.1
<u>Western Gas Resources, Inc.</u>							
O84015	Alexander	0	0	1.3	20.1	4	0.4
O86002	Charlson	0	0	0	0.7	0.2	0
O82012	TR Gas Plant	0.4	0.4	243.6	63	44.1	2.3
<u>Westway Trading Corporation</u>							
M91001	Dryer	23	21.8	0.1	5	4.3	1.2

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<u>Williston Basin Interstate Pipeline Co.</u>							
O82005 Belfield Compressor	0	0	0	0	0	0	0
O94004 Bismarck Compressor	0	0	0	24.1	20.8	0.5	
O93001 Cleveland Compressor	0	0	0	8.3	12.5	1.8	
T5O94002 Dickinson Compressor	0	0	0	52	5.1	0.5	
O92003 Glen Ullin Compressor	0	0	0	12.8	13	0.7	
O81012 Williston Compressor	0	0	0	66.9	5.4	0.4	