

**ATTACHMENT 2**

**2019 GEOGRAPHIC TARGETING SYSTEM RESULTS**

**Listed by Total Monitoring Score**

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Aquifer	Vulnerability Value (Pesticide DRASTIC)	Vulnerability Score	Vulnerability Rating	Sensitivity Value (dollars/farmed acre)	Sensitivity Score	Sensitivity Rating	Risk Value (acre-feet/mi <sup>2</sup> )	Risk Score	Risk Rating	Total Monitoring Score	Total Monitoring Priority Rating
Edgeley	181	3	HIGH	403.19	3	HIGH	319.41	3	HIGH	9	HIGH
Elk Valley	184	3	HIGH	525.42	3	HIGH	159.91	3	HIGH	9	HIGH
Fordville	168	3	HIGH	528.80	3	HIGH	122.65	3	HIGH	9	HIGH
Hankinson	204	3	HIGH	616.56	3	HIGH	181.52	3	HIGH	9	HIGH
Inkster	191	3	HIGH	525.43	3	HIGH	189.43	3	HIGH	9	HIGH
Juanita Lake	189	3	HIGH	453.36	3	HIGH	247.17	3	HIGH	9	HIGH
Koble	163	3	HIGH	356.92	3	HIGH	37.15	3	HIGH	9	HIGH
LaMoure	166	3	HIGH	409.71	3	HIGH	227.16	3	HIGH	9	HIGH
LaMoure North	185	3	HIGH	403.17	3	HIGH	235.03	3	HIGH	9	HIGH
Medina North	185	3	HIGH	356.92	3	HIGH	591.13	3	HIGH	9	HIGH
Medina South	185	3	HIGH	356.92	3	HIGH	531.56	3	HIGH	9	HIGH
Oakes	172	3	HIGH	395.90	3	HIGH	199.14	3	HIGH	9	HIGH
Rusland	177	3	HIGH	368.71	3	HIGH	316.18	3	HIGH	9	HIGH
Sand Prairie	176	3	HIGH	367.87	3	HIGH	53.09	3	HIGH	9	HIGH
Sheyenne Delta	172	3	HIGH	497.31	3	HIGH	49.75	3	HIGH	9	HIGH
Carrington	132	2	MODERATE	439.49	3	HIGH	192.13	3	HIGH	8	HIGH
Central Dakota	183	3	HIGH	213.21	2	MODERATE	112.81	3	HIGH	8	HIGH
Englevale	158	2	MODERATE	423.74	3	HIGH	328.90	3	HIGH	8	HIGH
Esmond	166	3	HIGH	300.23	2	MODERATE	167.52	3	HIGH	8	HIGH
Icelandic	202	3	HIGH	586.90	3	HIGH	21.04	2	MODERATE	8	HIGH
Jamestown	174	3	HIGH	356.92	2	MODERATE	1715.06	3	HIGH	8	HIGH
Maddock	166	3	HIGH	300.24	2	MODERATE	42.91	3	HIGH	8	HIGH
Manfred	168	3	HIGH	368.72	3	HIGH	21.63	2	MODERATE	8	HIGH
Middle James	151	2	MODERATE	382.57	3	HIGH	579.41	3	HIGH	8	HIGH
Milnor Channel	158	2	MODERATE	535.57	3	HIGH	161.14	3	HIGH	8	HIGH
Napolean	161	3	HIGH	301.29	2	MODERATE	42.75	3	HIGH	8	HIGH
Page	153	2	MODERATE	514.08	3	HIGH	82.40	3	HIGH	8	HIGH
Pembina River	140	2	MODERATE	586.92	3	HIGH	105.12	3	HIGH	8	HIGH
Pipstem Creek	176	3	HIGH	390.95	3	HIGH	28.27	2	MODERATE	8	HIGH
Seven Mile Coulee	170	3	HIGH	356.92	2	MODERATE	104.26	3	HIGH	8	HIGH
Tower City	180	3	HIGH	443.11	3	HIGH	11.73	2	MODERATE	8	HIGH
Trappers Coulee	180	3	HIGH	299.79	2	MODERATE	292.61	3	HIGH	8	HIGH
Warwick Aquifer	202	3	HIGH	286.06	2	MODERATE	130.06	3	HIGH	8	HIGH

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Wishek	173	3	HIGH	244.55	2	MODERATE	45.35	3	HIGH	8	HIGH
Big Bend	166	3	HIGH	357.54	3	HIGH	0.00	1	LOW	7	MODERATE
Burnt Creek	166	3	HIGH	188.92	1	LOW	168.95	3	HIGH	7	MODERATE
Crete	162	3	HIGH	474.98	3	HIGH	0.00	1	LOW	7	MODERATE
Denbigh	185	3	HIGH	186.86	1	LOW	84.09	3	HIGH	7	MODERATE
Elliot	113	1	LOW	357.58	3	HIGH	237.68	3	HIGH	7	MODERATE
Garrison	142	2	MODERATE	263.70	2	MODERATE	258.24	3	HIGH	7	MODERATE
Grand Forks	102	1	LOW	525.29	3	HIGH	41.06	3	HIGH	7	MODERATE
Guelph	136	2	MODERATE	298.96	2	MODERATE	111.57	3	HIGH	7	MODERATE
Gwinner	98	1	LOW	475.43	3	HIGH	50.85	3	HIGH	7	MODERATE
Heimdal	181	3	HIGH	368.74	3	HIGH	0.00	1	LOW	7	MODERATE
Horseshoe Valley	155	2	MODERATE	263.77	2	MODERATE	187.97	3	HIGH	7	MODERATE
James River	181	3	HIGH	407.29	3	HIGH	1.24	1	LOW	7	MODERATE
Karlsruhe	170	3	HIGH	186.86	1	LOW	86.28	3	HIGH	7	MODERATE
Lake Nettie	163	3	HIGH	233.86	2	MODERATE	32.44	2	MODERATE	7	MODERATE
McVille	134	2	MODERATE	319.70	2	MODERATE	53.82	3	HIGH	7	MODERATE
Medford	193	3	HIGH	526.40	3	HIGH	0.00	1	LOW	7	MODERATE
Midway	145	2	MODERATE	356.92	3	HIGH	5.24	2	MODERATE	7	MODERATE
Painted Woods Lake	150	2	MODERATE	263.21	2	MODERATE	136.42	3	HIGH	7	MODERATE
Rocky Run	185	3	HIGH	368.73	3	HIGH	0.00	1	LOW	7	MODERATE
Russell Lake	174	3	HIGH	440.35	3	HIGH	0.00	1	LOW	7	MODERATE
Sheldon	175	3	HIGH	357.54	3	HIGH	0.00	1	LOW	7	MODERATE
Skjermo Lake	162	3	HIGH	165.60	1	LOW	109.21	3	HIGH	7	MODERATE
South Fessenden	172	3	HIGH	368.73	3	HIGH	0.00	1	LOW	7	MODERATE
Square Butte Creek	136	2	MODERATE	208.41	2	MODERATE	39.07	3	HIGH	7	MODERATE
Stoney Creek	180	3	HIGH	402.03	3	HIGH	0.00	1	LOW	7	MODERATE
Strasburg	184	3	HIGH	265.70	2	MODERATE	20.30	2	MODERATE	7	MODERATE
Sundre	138	2	MODERATE	253.29	2	MODERATE	273.36	3	HIGH	7	MODERATE
Vang	169	3	HIGH	255.56	2	MODERATE	7.39	2	MODERATE	7	MODERATE
Voltaire	176	3	HIGH	186.85	1	LOW	52.64	3	HIGH	7	MODERATE
Wahpeton Buried Valley	108	1	LOW	616.48	3	HIGH	374.17	3	HIGH	7	MODERATE
White Shield	132	2	MODERATE	263.61	2	MODERATE	89.95	3	HIGH	7	MODERATE
Ypsilanti	181	3	HIGH	357.05	3	HIGH	0.00	1	LOW	7	MODERATE

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Bantel	139	2	MODERATE	413.95	3	HIGH	0.00	1	LOW	6	MODERATE
Belmont	103	1	LOW	563.96	3	HIGH	1.97	2	MODERATE	6	MODERATE
Bismarck	145	2	MODERATE	188.92	1	LOW	43.84	3	HIGH	6	MODERATE
Brightwood	147	2	MODERATE	616.58	3	HIGH	0.00	1	LOW	6	MODERATE
Buffalo Creek	181	3	HIGH	263.65	2	MODERATE	0.00	1	LOW	6	MODERATE
Cherry Creek	138	2	MODERATE	107.37	1	LOW	87.52	3	HIGH	6	MODERATE
Cherry Lake	168	3	HIGH	265.75	2	MODERATE	0.08	1	LOW	6	MODERATE
Colfax	109	1	LOW	616.54	3	HIGH	2.07	2	MODERATE	6	MODERATE
Cut Bank Creek N	201	3	HIGH	296.40	2	MODERATE	1.06	1	LOW	6	MODERATE
Dead Colt	152	2	MODERATE	357.55	3	HIGH	0.00	1	LOW	6	MODERATE
Deer Lake	136	2	MODERATE	356.92	3	HIGH	0.00	1	LOW	6	MODERATE
Douglas	154	2	MODERATE	256.99	2	MODERATE	24.47	2	MODERATE	6	MODERATE
East Fork Shell Creek	160	2	MODERATE	160.62	1	LOW	33.79	3	HIGH	6	MODERATE
Eastman	113	1	LOW	444.84	3	HIGH	4.55	2	MODERATE	6	MODERATE
Ellendale	122	1	LOW	409.16	3	HIGH	1.57	2	MODERATE	6	MODERATE
Enderlin	149	2	MODERATE	416.06	3	HIGH	0.00	1	LOW	6	MODERATE
Fairmount	91	1	LOW	616.46	3	HIGH	7.99	2	MODERATE	6	MODERATE
Glencoe Channel	160	2	MODERATE	195.48	1	LOW	92.07	3	HIGH	6	MODERATE
Glenview	148	2	MODERATE	188.99	1	LOW	43.47	3	HIGH	6	MODERATE
Hillsboro	118	1	LOW	560.68	3	HIGH	25.48	2	MODERATE	6	MODERATE
Hillsburg	161	3	HIGH	301.32	2	MODERATE	0.00	1	LOW	6	MODERATE
Kilgore	188	3	HIGH	226.17	2	MODERATE	0.00	1	LOW	6	MODERATE
Knife River	157	2	MODERATE	148.54	1	LOW	139.37	3	HIGH	6	MODERATE
Lake Ilo	141	2	MODERATE	120.86	1	LOW	575.36	3	HIGH	6	MODERATE
Lake Souris	205	3	HIGH	187.07	1	LOW	28.78	2	MODERATE	6	MODERATE
Lignite City	141	2	MODERATE	176.52	1	LOW	47.66	3	HIGH	6	MODERATE
Little Muddy	146	2	MODERATE	167.75	1	LOW	173.43	3	HIGH	6	MODERATE
Martin	154	2	MODERATE	216.48	2	MODERATE	2.20	2	MODERATE	6	MODERATE
Missouri River	175	3	HIGH	190.69	1	LOW	21.61	2	MODERATE	6	MODERATE
Painted Woods Creek	181	3	HIGH	203.83	2	MODERATE	0.00	1	LOW	6	MODERATE
Pleasant Lake	125	1	LOW	251.51	2	MODERATE	89.82	3	HIGH	6	MODERATE
Pony Gulch	132	2	MODERATE	368.71	3	HIGH	0.00	1	LOW	6	MODERATE
Riverdale	161	3	HIGH	253.37	2	MODERATE	0.00	1	LOW	6	MODERATE

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Rolla	138	2	MODERATE	221.53	2	MODERATE	10.83	2	MODERATE	6	MODERATE
Rugby Aquifer	123	1	LOW	237.62	2	MODERATE	100.28	3	HIGH	6	MODERATE
Ryder	142	2	MODERATE	255.68	2	MODERATE	6.12	2	MODERATE	6	MODERATE
Shell Creek-East Branch	135	2	MODERATE	208.51	2	MODERATE	7.12	2	MODERATE	6	MODERATE
Shell Creek-White Lake	162	3	HIGH	164.66	1	LOW	7.11	2	MODERATE	6	MODERATE
Shell Valley	158	2	MODERATE	202.14	1	LOW	154.65	3	HIGH	6	MODERATE
Soo Channel	145	2	MODERATE	188.94	1	LOW	216.29	3	HIGH	6	MODERATE
Spiritwood N	104	1	LOW	403.18	3	HIGH	33.50	2	MODERATE	6	MODERATE
Spiritwood-Berlin	104	1	LOW	402.93	3	HIGH	33.50	2	MODERATE	6	MODERATE
Spiritwood-Grand Rapids	93	1	LOW	408.98	3	HIGH	33.49	2	MODERATE	6	MODERATE
Spiritwood-Griggs	103	1	LOW	453.39	3	HIGH	33.50	2	MODERATE	6	MODERATE
Spiritwood-LaMoure SE	109	1	LOW	402.05	3	HIGH	33.50	2	MODERATE	6	MODERATE
Spiritwood-Rogers	100	1	LOW	374.79	3	HIGH	33.47	2	MODERATE	6	MODERATE
Spiritwood-Warwick	99	1	LOW	479.98	3	HIGH	33.51	2	MODERATE	6	MODERATE
Spring Creek	159	2	MODERATE	237.26	2	MODERATE	6.38	2	MODERATE	6	MODERATE
Streeter	126	1	LOW	283.63	2	MODERATE	122.47	3	HIGH	6	MODERATE
Tobacco Garden	140	2	MODERATE	107.36	1	LOW	56.31	3	HIGH	6	MODERATE
Tokio	159	2	MODERATE	299.57	2	MODERATE	15.85	2	MODERATE	6	MODERATE
Upper Apple Creek	165	3	HIGH	188.96	1	LOW	1.56	2	MODERATE	6	MODERATE
Upper Buffalo Creek	148	2	MODERATE	356.92	3	HIGH	0.00	1	LOW	6	MODERATE
Wagonsport	180	3	HIGH	189.65	1	LOW	10.75	2	MODERATE	6	MODERATE
West Fargo	98	1	LOW	519.67	3	HIGH	18.49	2	MODERATE	6	MODERATE
Wimbledon	156	2	MODERATE	398.54	3	HIGH	0.00	1	LOW	6	MODERATE
Windsor	101	1	LOW	356.92	3	HIGH	15.04	2	MODERATE	6	MODERATE
Winona	86	1	LOW	265.66	2	MODERATE	229.46	3	HIGH	6	MODERATE
Yellowstone	174	3	HIGH	107.24	1	LOW	9.55	2	MODERATE	6	MODERATE
Adrian	112	1	LOW	395.89	3	HIGH	0.00	1	LOW	5	MODERATE
Antelope Creek	103	1	LOW	152.40	1	LOW	40.79	3	HIGH	5	MODERATE
Beaver Creek S	140	2	MODERATE	265.67	2	MODERATE	0.00	1	LOW	5	MODERATE
Beaver Lake	143	2	MODERATE	301.31	2	MODERATE	0.00	1	LOW	5	MODERATE
Braddock	149	2	MODERATE	265.71	2	MODERATE	0.00	1	LOW	5	MODERATE
Charbonneau	124	1	LOW	107.30	1	LOW	757.72	3	HIGH	5	MODERATE
Cottonwood Creek	181	3	HIGH	167.67	1	LOW	0.00	1	LOW	5	MODERATE

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Des Lacs River	150	2	MODERATE	262.87	2	MODERATE	0.00	1	LOW	5	MODERATE
Fort Mandan	151	2	MODERATE	262.32	2	MODERATE	0.00	1	LOW	5	MODERATE
Glenburn	108	1	LOW	293.76	2	MODERATE	2.15	2	MODERATE	5	MODERATE
Grenora	111	1	LOW	166.38	1	LOW	52.18	3	HIGH	5	MODERATE
Hofflund	127	1	LOW	167.85	1	LOW	1303.09	3	HIGH	5	MODERATE
Homer	116	1	LOW	356.92	3	HIGH	0.00	1	LOW	5	MODERATE
Landa	146	2	MODERATE	282.52	2	MODERATE	0.00	1	LOW	5	MODERATE
Little Knife River Valley	156	2	MODERATE	160.59	1	LOW	9.31	2	MODERATE	5	MODERATE
Little Missouri River	138	2	MODERATE	114.52	1	LOW	6.76	2	MODERATE	5	MODERATE
Lost Lake	123	1	LOW	263.79	2	MODERATE	5.19	2	MODERATE	5	MODERATE
McIntosh	144	2	MODERATE	252.70	2	MODERATE	0.00	1	LOW	5	MODERATE
McKenzie	112	1	LOW	188.97	1	LOW	41.03	3	HIGH	5	MODERATE
Missouri River - Lake Sakakawea	141	2	MODERATE	201.79	1	LOW	21.73	2	MODERATE	5	MODERATE
Missouri River-Oahe	147	2	MODERATE	179.01	1	LOW	21.75	2	MODERATE	5	MODERATE
Montpelier	112	1	LOW	367.62	3	HIGH	0.00	1	LOW	5	MODERATE
Munich	132	2	MODERATE	356.04	2	MODERATE	0.00	1	LOW	5	MODERATE
New Rockford	125	1	LOW	303.13	2	MODERATE	27.68	2	MODERATE	5	MODERATE
New Town	120	1	LOW	163.71	1	LOW	58.35	3	HIGH	5	MODERATE
North Burleigh	145	2	MODERATE	200.02	1	LOW	12.64	2	MODERATE	5	MODERATE
Northwest Buried Channel	117	1	LOW	255.74	2	MODERATE	14.66	2	MODERATE	5	MODERATE
Pembina Delta	125	1	LOW	517.64	3	HIGH	0.00	1	LOW	5	MODERATE
Random Creek	163	3	HIGH	188.97	1	LOW	0.00	1	LOW	5	MODERATE
Rosefield	105	1	LOW	368.74	3	HIGH	0.00	1	LOW	5	MODERATE
Shell Creek-Central	134	2	MODERATE	160.63	1	LOW	7.12	2	MODERATE	5	MODERATE
Smoky Butte	117	1	LOW	166.16	1	LOW	103.16	3	HIGH	5	MODERATE
Souris River	138	2	MODERATE	235.15	2	MODERATE	0.96	1	LOW	5	MODERATE
South Branch Beaver Creek	143	2	MODERATE	237.18	2	MODERATE	0.00	1	LOW	5	MODERATE
Spiritwood S	104	1	LOW	319.89	2	MODERATE	33.50	2	MODERATE	5	MODERATE
Spiritwood-Devils Lake	84	1	LOW	313.35	2	MODERATE	33.50	2	MODERATE	5	MODERATE
Spiritwood-Oakes	107	1	LOW	260.80	2	MODERATE	33.49	2	MODERATE	5	MODERATE
Spiritwood-Sheyenne River	112	1	LOW	300.18	2	MODERATE	33.48	2	MODERATE	5	MODERATE
Spiritwood-Stutsman	104	1	LOW	305.17	2	MODERATE	33.50	2	MODERATE	5	MODERATE

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Strawberry Lake	115	1	LOW	259.43	2	MODERATE	19.31	2	MODERATE	5	MODERATE
Sydney	116	1	LOW	356.92	3	HIGH	0.00	1	LOW	5	MODERATE
Thompson	90	1	LOW	525.30	3	HIGH	0.00	1	LOW	5	MODERATE
Tolgen	153	2	MODERATE	255.65	2	MODERATE	0.00	1	LOW	5	MODERATE
Trenton	121	1	LOW	148.42	1	LOW	41.39	3	HIGH	5	MODERATE
Turtle Lake	146	2	MODERATE	263.76	2	MODERATE	0.00	1	LOW	5	MODERATE
Wildrose	148	2	MODERATE	165.86	1	LOW	2.70	2	MODERATE	5	MODERATE
Wolf Creek	142	2	MODERATE	263.73	2	MODERATE	0.00	1	LOW	5	MODERATE
Zeeland	111	1	LOW	237.19	2	MODERATE	3.10	2	MODERATE	5	MODERATE
Apple Creek	125	1	LOW	188.94	1	LOW	19.12	2	MODERATE	4	LOW
Butte	108	1	LOW	203.89	2	MODERATE	0.00	1	LOW	4	LOW
Columbus	116	1	LOW	192.62	1	LOW	20.62	2	MODERATE	4	LOW
Courtenay	122	1	LOW	356.91	2	MODERATE	0.00	1	LOW	4	LOW
Crosby	100	1	LOW	165.74	1	LOW	5.25	2	MODERATE	4	LOW
Cut Bank Creek S	133	2	MODERATE	186.85	1	LOW	1.06	1	LOW	4	LOW
Dunseith	138	2	MODERATE	202.13	1	LOW	0.00	1	LOW	4	LOW
Elm Creek	95	1	LOW	176.54	1	LOW	7.73	2	MODERATE	4	LOW
Fox Haven	155	2	MODERATE	188.93	1	LOW	0.00	1	LOW	4	LOW
Goodman Creek	117	1	LOW	142.52	1	LOW	22.96	2	MODERATE	4	LOW
Heart River	124	1	LOW	184.66	1	LOW	6.32	2	MODERATE	4	LOW
Hiddenwood Lake	117	1	LOW	257.47	2	MODERATE	0.00	1	LOW	4	LOW
Horse Nose Butte	98	1	LOW	120.89	1	LOW	7.68	2	MODERATE	4	LOW
Keene	110	1	LOW	107.40	1	LOW	17.10	2	MODERATE	4	LOW
Killdeer	122	1	LOW	150.68	1	LOW	20.35	2	MODERATE	4	LOW
Leeds	109	1	LOW	300.24	2	MODERATE	0.00	1	LOW	4	LOW
Little Heart	110	1	LOW	183.39	1	LOW	11.35	2	MODERATE	4	LOW
Long Lake	92	1	LOW	202.05	1	LOW	13.39	2	MODERATE	4	LOW
Otter Creek	119	1	LOW	216.10	2	MODERATE	0.00	1	LOW	4	LOW
Ray	115	1	LOW	167.81	1	LOW	24.30	2	MODERATE	4	LOW
Renner	108	1	LOW	152.40	1	LOW	10.72	2	MODERATE	4	LOW
Ryder Ridge	120	1	LOW	255.66	2	MODERATE	0.00	1	LOW	4	LOW
Shields	92	1	LOW	134.26	1	LOW	3.59	2	MODERATE	4	LOW
Snake Creek	123	1	LOW	262.94	2	MODERATE	0.00	1	LOW	4	LOW

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Starkweather	116	1	LOW	338.29	2	MODERATE	0.00	1	LOW	4	LOW
Weller Slough	108	1	LOW	263.73	2	MODERATE	0.00	1	LOW	4	LOW
West Wildrose	101	1	LOW	167.43	1	LOW	16.34	2	MODERATE	4	LOW
White Earth	153	2	MODERATE	160.54	1	LOW	0.00	1	LOW	4	LOW
Wing Channel	93	1	LOW	188.97	1	LOW	3.11	2	MODERATE	4	LOW
Yellowstone River Channel	113	1	LOW	166.85	1	LOW	26.77	2	MODERATE	4	LOW
Zap	135	2	MODERATE	152.38	1	LOW	0.00	1	LOW	4	LOW
Battle Creek	109	1	LOW	109.50	1	LOW	0.00	1	LOW	3	LOW
Beaver Creek N	122	1	LOW	110.04	1	LOW	0.00	1	LOW	3	LOW
Bennie Peer	108	1	LOW	107.28	1	LOW	0.00	1	LOW	3	LOW
Dry Fork Creek	114	1	LOW	167.85	1	LOW	0.00	1	LOW	3	LOW
Estevan	100	1	LOW	165.75	1	LOW	0.00	1	LOW	3	LOW
Kenmare	110	1	LOW	176.56	1	LOW	0.00	1	LOW	3	LOW
Sanish	129	1	LOW	162.79	1	LOW	0.00	1	LOW	3	LOW
Squaw Creek	101	1	LOW	115.32	1	LOW	0.00	1	LOW	3	LOW
St. James	113	1	LOW	154.84	1	LOW	0.00	1	LOW	3	LOW