

Water
Use
Estimate
2006-2010

Appropriation Permit Index Notes

MN-DNR Water Appropriation permits are required for withdrawals greater than 10,000 gallons per day or one million gallons per year.

The permit index shows each installation of all active permits. Use, agricultural acreage, permitted pumping rate (in gallons per minute) and permitted volume (in millions of gallons per year) are repeated for each installation, but pertain to the permit as a whole.

Blank values mean no reported pumping or no report.

Public water supply wells/intake locations are only shown to the nearest section. Contact the Minnesota Department of Health, Well Management Unit, 651-201-4600 for more details on public supply well locations.

Attachment 12

Water Appropriation Permit Index Key

Minnesota DNR Water Appropriation permits are required for withdrawals greater than 10,000 gallons per day or one million gallons per year.

Use Codes

WATERWORKS

- 211. Municipal
- 212. Private waterworks
(trailer courts, small housing units)
- 213. Commercial and Institutional
(business, industry, hospital)
- 214. Cooperative waterworks
- 215. Fire protection
- 216. Campgrounds, waysides, highway rest areas
- 217. Rural Water Districts
- 219. Waterworks

POWER GENERATION

- 221. Hydro power
- 222. Steam power cooling-once through
- 223. Steam power cooling-wet tower
- 224. Steam power cooling-ponds
- 225. Steam power-other than cooling
- 226. Nuclear power plant
- 229. Power generation

AIR CONDITIONING

- 231. Commercial building A/C
- 232. Institutions (school, hospital)
- 233. Heat pumps
- 234. Coolant pumps
- 235. District heating/cooling
- 239. Once-through heating or A/C
- 238. Air conditioning

INDUSTRIAL

- 241. Agricultural processing (food & livestock)
- 242. Pulp and paper processing
- 243. Mine processing (not sand & gravel washing)
- 244. Sand and gravel washing
- 245. Industrial process cooling once-through
- 246. Petroleum-chemical processing, ethanol
- 247. Metal processing
- 248. Non-metallic processing (rubber, plastic, glass)
- 249. Industrial processing

TEMPORARY (12 months or less)

- 251. Construction (non-dewatering)
- 252. Construction (dewatering)
- 253. Pipeline & tank testing
- 254. Landscape watering
- 255. Pollution containment
- 256. Water level maintenance
- 257. Livestock waste treatment
- 258. Temporary agricultural irrigation
- 259. Temporary

WATER LEVEL MAINTENANCE

- 261. Basin (lake) level
- 262. Mine dewatering
- 263. Quarry dewatering
- 264. Sand/gravel pit dewatering
- 265. Tile drainage and pumped sumps
- 266. Dewatering
- 269. Water level maintenance

SPECIAL CATEGORIES

- 271. Pollution containment
- 272. Aquaculture (hatcheries, fisheries)
- 273. Snow/Ice making
- 274. Peat fire control
- 275. Livestock watering
- 276. Pipeline and tank testing
- 277. Sewage treatment
- 279. Special categories

NON-CROP IRRIGATION

- 281. Golf course
- 282. Cemetery
- 283. Landscaping/athletic fields
- 284. Sod farm
- 285. Nursery
- 286. Orchard
- 289. Non-crop irrigation

MAJOR CROP IRRIGATION

- 290. Major crop irrigation
- 296. Wild rice irrigation

* indicates Multi-Use Permits

Resource Codes	Status Codes
1 - Ground Water	1 - Active
2 - Lake	2 - Standby
3 - Stream/River	3 - Abandoned
4 - Ditch	4 - Terminated
5 - Dug Pit/Holding Pond	99 - Non-Authorized
6 - Quarry/Mine/Gravel Pit	Fee Codes
7 - Wetland	E - Exempt from Fees
	N - Non-Profits

County Codes

1 Aitkin	30 Isanti	59 Pipestone
2 Anoka	31 Itasca	60 Polk
3 Becker	32 Jackson	61 Pope
4 Beltrami	33 Kanabec	62 Ramsey
5 Benton	34 Kandiyohi	63 Red Lake
6 Big Stone	35 Kittson	64 Redwood
7 Blue Earth	36 Koochiching	65 Renville
8 Brown	37 Lac Qui Parle	66 Rice
9 Carlton	38 Lake	67 Rock
10 Carver	39 Lake of the Woods	68 Roseau
11 Cass	40 Le Sueur	69 St. Louis
12 Chippewa	41 Lincoln	70 Scott
13 Chisago	42 Lyon	71 Sherburne
14 Clay	43 McLeod	72 Sibley
15 Clearwater	44 Mahnomon	73 Stearns
16 Cook	45 Marshall	74 Steele
17 Cottonwood	46 Martin	75 Stevens
18 Crow Wing	47 Meeker	76 Swift
19 Dakota	48 Mille Lacs	77 Todd
20 Dodge	49 Morrison	78 Traverse
21 Douglas	50 Mower	79 Wabasha
22 Faribault	51 Murray	80 Wadena
23 Fillmore	52 Nicollet	81 Waseca
24 Freeborn	53 Nobles	82 Washington
25 Goodhue	54 Norman	83 Watonwan
26 Grant	55 Olmsted	84 Wilkin
27 Hennepin	56 Otter Tail	85 Winona
28 Houston	57 Pennington	86 Wright
29 Hubbard	58 Pine	87 Yellow Medicine

2/14/2012

MN DNR Water Appropriation Permits
 Chisago County
 All Active Permits - By County & Location

Permit - Inst	Permittee	Use	Co	Twp	Rng	Sec	Sub	Well	Resource	-----		-----				2010 Status		
										Acres	GPM	MG/Y	2006	2007	2008		2009	2010
1985-3255 - 2	SHAFFER, CITY OF	211	13	33	19	5	37	559343	1	CMTS	1,335	45.0	12.8	10.0	7.2	7.9	6.1	
1991-3307 - 1	AGGREGATE INDUSTRIES-NCR INC	244	13	33	19	20	DDCB	37	5		3,000	400.0	85.8	76.8		2.6		
1993-3146 - 1	AGGREGATE INDUSTRIES-NCR INC	244	13	33	19	20	DDBC	37	444789	1	CIGLCECR	40.0	23.6					
1977-3092 - 1	HAZELDEN FOUNDATION	213	13	33	20	2		37	228343	1	CFRNCIGL	1,203	42.0				2.5	
1977-3092 - 2	HAZELDEN FOUNDATION	213	13	33	20	2		37	217895	1	CIGL	1,203	42.0				3.3	
1977-3092 - 3	HAZELDEN FOUNDATION	213	13	33	20	2		37	107129	1	CFRNCIGL	1,203	42.0					
1977-3092 - 6	HAZELDEN FOUNDATION	213	13	33	20	2		37	706812	1	CFIG	1,203	42.0	25.7	25.6	19.4	26.5	
1986-3208 - 1	CHISAGO LAKES GOLF ESTATES	281	13	33	20	4	CCDD	37	217896	1	CECRMCTS	22.0		17.2	21.3	15.9	17.8	
1979-3273 - 2	CHISAGO CITY, CITY OF	211	13	33	20	6		37	219484	1	CFRNCCECR	183.0	43.8	43.8	22.9	20.3	20.3	
1979-3273 - 4	CHISAGO CITY, CITY OF	211	13	33	20	6		37	151556	1	CMTS	2,380	183.0	52.1	52.0	24.0	16.5	16.1
1979-3273 - 5	CHISAGO CITY, CITY OF	211	13	33	20	6		37	516063	1	CFRNCCECR	2,380	183.0	52.1	52.0	24.0	16.5	16.1
2006-0465 - 1	SMC LAND DEVELOPMENT LLC	212	13	33	20	31		37	721670	1	QBAA	800	31.2	1.4	3	4	1.3	2.6
2006-0465 - 2	SMC LAND DEVELOPMENT LLC	212	13	33	20	31		37	721671	1	QBAA	800	31.2	1.4	3	4	1.3	2.6
1989-3430 - 1	PINEHAVEN TREE FARMS INC	290	13	33	21	7	DAC	37	448841	1	CFIG	120	10.0					
1979-3273 - 6	CHISAGO CITY, CITY OF	211	13	33	21	11		37	731147	1	CIGL	2,380	183.0	15.4	15.4	55.3	62.2	59.3
1992-3190 - 1	BIRCHWOOD TERRACE MOBILE HOME	212	13	33	21	16		37	251428	1		75	5.0	1.8	2.8	3.0	3.3	
1992-3190 - 2	BIRCHWOOD TERRACE MOBILE HOME	212	13	33	21	16		37	251429	1		75	5.0				2.4	
1965-0127 - 1	WYOMING, CITY OF	211	13	33	21	19		37	217901	1	CMTS	2,095	150.0	38.7	35.8	38.1	35.1	33.4
1965-0127 - 2	WYOMING, CITY OF	211	13	33	21	20		37	217902	1	CMTSPWSC	2,095	150.0	55.2	52.1	34.1	51.8	50.0
1965-0127 - 3	WYOMING, CITY OF	211	13	33	21	20		37	626783	1	CFRNCMCTS	2,095	150.0	55.8	58.9	66.1	59.5	53.0
2002-3036 - 1	JOHNSON, BRADLEY D	281	13	34	19	8	ADC	37		5		300	2.5	9	1			
1961-0666 - 1	TAYLORS FALLS, CITY OF	211	13	34	19	25		37	219489	1	CIGL	700	65.0	5.2	3			
1961-0666 - 3	TAYLORS FALLS, CITY OF	211	13	34	19	26		37	217904	1	PMCV	700	65.0	25.9	34.8	25.9	17.1	11.1
1961-0666 - 4	TAYLORS FALLS, CITY OF	211	13	34	19	26		37	753659	1	CFIG	700	65.0	6.3	6.3	19.8	18.5	
1985-3255 - 3	SHAFFER, CITY OF	211	13	34	19	29		37	737040	1	CMTS	1,335	45.0	2.5	2.5	4.6	5.5	5.6
1985-3255 - 1	SHAFFER, CITY OF	211	13	34	19	32		37	217905	1	CMTS	1,335	45.0	9.3	8.4	7.2	5.8	7.1
2006-0075 - 1	HUSTAD, GRANT	212	13	34	20	2		37	712612	1	CMTS	125	5.0	11.7	1.7	3.9	7.5	3.7
1965-1023 - 2	CENTER CITY, CITY OF	211	13	34	20	27		37	462966	1	CFRNCGEC	500	29.0					
1980-3020 - 4	LINDSTROM, CITY OF	211	13	34	20	29		37	659877	1	CMTS	2,200	155.0	74.8	60.4	59.3	67.8	44.3
1992-3195 - 1	PINEWOOD PROPERTIES LLC	212	13	34	20	32		37	217912	1	CFRNCMCTS	65	3.5	2.4	2.4	2.5	2.8	2.8
1980-3020 - 2	LINDSTROM, CITY OF	211	13	34	20	33		37	217911	1	CMTSPWSC	2,200	155.0					
1980-3020 - 3	LINDSTROM, CITY OF	211	13	34	20	34		37	217913	1	CMTS	2,200	155.0					
1965-1023 - 1	CENTER CITY, CITY OF	211	13	34	20	35		37	217914	1	CFRNCMCTS	500	29.0	68.8	72.4	59.9	54.5	65.6
1989-3301 - 1	FIELDS & SONS INC, EDWARD	280	13	34	21	11	BAB	37	449205	1	QBAA	600	34.0	20.5	20.8	18.8	18.7	16.5
2003-3081 - 1	GREAT NORTHERN GOLF CO OF MN	290	13	34	21	18	ADB	37	609628	1	CFIG	100	300	24.7	11.5	23.7	26.9	20.0
2003-3081 - POND	GREAT NORTHERN GOLF CO OF MN	281	13	34	21	18	ADB	37		5		100	300	15.0	14.7	9.9	14.6	
1983-3172 - 1	WADE, DAVE	290	13	34	21	19	DAB	37		7		100	300	1.0	1.2	1.4	4	
1979-3241 - 2	STACY, CITY OF	211	13	34	21	29		37	559375	1	CMTS	400	53.0	21.4	21.8	24.2	17.2	17.2
1979-3241 - 1	STACY, CITY OF	211	13	34	21	32		37	217915	1	CMTS	400	53.0	21.7	25.0	22.7	24.8	24.8
1978-3110 - 1	WILD MOUNTAIN SKI AREA	273	13	35	19	27	CADB	37	217893	1	CMTS	1,200	85.0	42.7	49.4	33.5	37.8	48.9
2007-0200 - 1	JOHNSON, LOREN	264	13	35	20	3	AAA	37		6		500	15.0	2.3	2.9	4.1	3.5	
2009-0689 - 1	TILLER CORPORATION	240	13	35	20	4	ABDA	37		5		400	20.0					
1975-3369 - 1	LEE, PATRICK WAYNE	290	13	35	20	30	CBBB	37	213596	1	CECRMCTS	600	50.0	42.2	35.4	38.2	48.6	42.0
1988-3190 - 1	LEE, PATRICK WAYNE	290	13	35	20	31	BAA	37	242383	1		169	900	71.0	42.2	42.9	46.2	
1989-3434 - 1	CENTRAL TURF FARMS	290	13	35	21	1	BC	37		4		390	2,000	24.7	20.2	24.1	32.2	
1997-3239 - 1	CENTRAL TURF FARMS	284	13	35	21	2	BDAB	37	589184	1	QBAA	400	650	6.3	3.1	8	4.4	
1997-3239 - 2	CENTRAL TURF FARMS	284	13	35	21	2	BDAB	37	590014	1	QBAA	400	650	6.3	3.1	8	4.4	
1997-3239 - 3	CENTRAL TURF FARMS	284	13	35	21	2	BDAC	37	589199	1	QBAA	400	650	6.3	3.1	8	4.4	
1997-3239 - 4	CENTRAL TURF FARMS	284	13	35	21	2	CDCC	37	743060	1	QBAA	400	650	6.3	3.1	8	4.4	
2007-0472 - 4	WERNER, MELVIN	280	13	35	21	2	CDCC	37	743060	1	QBAA	85	550	17.9	16.9	14.0	14.5	
1989-3324 - 1	HARLEY INVESTMENT CO	284	13	35	21	3	AAA	37	446395	1	QBAA	160	500	35.7	8.7	3.4	12.7	
1989-3325 - 1	HARLEY INVESTMENT CO	284	13	35	21	3	CDC	37		4		135	500	29.0	11.4			
1989-3333 - 1	WEERTS, ROBERT D	290	13	35	21	4	AAD	37		4		60	600	9.8	0			
1976-3208 - 1	WEERTS, ROBERT D	290	13	35	21	10	ADD	37	107041	1	QWTA	100	600	3.7	2.8			

MN DNR Water Appropriation Permits All Active Permits - By County & Location
Chisago County

Permit - Inst	Permittee	Use	Co	Twp	Rng	Sec	SubSec	Well Number	Resource Code/Name	Acres	Permitted GPM	MG/Y	2006	2007	2008	2009	2010 Status	
1976-3208 - 2	WEERTS, ROBERT D	290	13	35	21	10	DAA	37	253033	100	600	33.3	3.4	2.7			1	
1989-3320 - 1	HARLEY INVESTMENT CO	284	13	35	21	10	BCA	37	446396	120	500	26.0	15.3	10.4	7.0	5.5	1	
1989-3321 - 1	HARLEY INVESTMENT CO	284	13	35	21	10	ACD	37	446393	120	500	27.7	4.5	7.8	5.4		1	
1989-3321 - 2	HARLEY INVESTMENT CO	284	13	35	21	10	ACD	37	446394	120	500	27.7	9.1	2.6	3.7		1	
1989-3323 - 1	HARLEY INVESTMENT CO	284	13	35	21	10	DBC	37		160	500	35.0	9.3	15.1	10.3	6.2	1	
1976-3209 - 1	MANN, LEROY	290	13	35	21	11	CDA	37	255288	140	600	40.0	10.9	15.2	19.6	25.0	1	
1989-3334 - 1	MANN, LEROY	290	13	35	21	11	ACAD	37		130	600	37.0		3.3	7.6	10.3	1	
1977-3627 - 1	FIELDS & SONS INC, EDWARD	290	13	35	21	12	DBA	37		80	500	18.0	4.5	3.0	5.7	4.2	2.6	
1989-3334 - 2	MANN, LEROY	290	13	35	21	12	CCAA	37		130	600	37.0	30.5	27.2	25.4	28.3	1	
2005-3138 - 1	KENT, BRADLEY J	284	13	35	21	12	DDBD	37	713275	36	450	9.8	5.3	6.2	3.3	3.8	1	
2005-3138 - 2	KENT, BRADLEY J	284	13	35	21	12	DDAA	37	713276	36	450	9.8	5.3	6.2	3.3	3.8	1	
2005-3138 - 3	KENT, BRADLEY J	284	13	35	21	12	DDB	37	713277	36	450	9.8	5.3	6.2	3.3	3.8	1	
1976-3210 - 1	MANN, LEROY	290	13	35	21	13	CCB	37	255289	90	600	26.0				18.1	2	
1976-3210 - 2	MANN, LEROY	290	13	35	21	13	CDB	37	255290	90	600	26.0	20.9	19.0	20.9	18.1	1	
1984-3357 - 1	SPRING CREEK FARMS	290	13	35	21	13	BDA	37		135	600	39.0	38.2	33.7	22.5	15.6	6.0	
1989-3437 - 1	CENTRAL TURF FARMS	290	13	35	21	13	A	37		80	500	26.0	5.2				1	
1989-3322 - 1	JOHNSON, HARLEY E JR	284	13	35	21	14	DADC	37	126960	80	500	23.1	9.2	3.4			1	
1989-3335 - 1	MANN, LEROY	290	13	35	21	14	BC	37		100	600	34.0					1	
1989-3436 - 1	CENTRAL TURF FARMS	290	13	35	21	14	C	37		74	500	24.0	3.2	3.7	2.7		1	
2000-3140 - 1	BLUE VALLEY SOD CO	284	13	35	21	14	ADB	37	255631	40	450	13.0	2.7	2.0			1	
2000-3140 - 2	BLUE VALLEY SOD CO	284	13	35	21	14	ADB	37	255632	40	450	13.0	3.1	2.0			1	
2000-3190 - 1	MANN, LEROY	290	13	35	21	14	BBB	37	255757	120	450	39.1	20.9	20.9	22.8	25.8	1	
2000-3190 - 2	MANN, LEROY	290	13	35	21	14	BBB	37	255758	120	450	39.1					1	
1989-3435 - 1	CENTRAL TURF FARMS	290	13	35	21	15	AB	37		40	500	13.0		2.4	2.7		1	
1984-3295 - 4	NORTH BRANCH, CITY OF	211	13	35	21	19		37	706844	1,425	336.0	336.0	28.1	27.8	43.6	81.6	74.8	1
1984-3295 - 5	NORTH BRANCH, CITY OF	211	13	35	21	19		37	749383	1,425	336.0	336.0	5.9	3.4	65.1	13.3	.8	1
1984-3295 - 3	NORTH BRANCH, CITY OF	211	13	35	21	20		37	522767	1,425	336.0	336.0	3.0	2.9	91.0	129.3	125.0	1
1977-3060 - 1	NELSON, BRUCE W	290	13	35	21	21	CBCD	37	125910	120	600	39.1	36.4	50.1	1.2		1	
1984-3295 - 1	NORTH BRANCH, CITY OF	211	13	35	21	21		37	217922	1,425	336.0	336.0	159.9	158.1	91.0	3.9	.2	1
1984-3295 - 2	NORTH BRANCH, CITY OF	211	13	35	21	21		37	112244	1,425	336.0	336.0	36.4	50.1	12.8	.4	1	
1984-3295 - 6	NORTH BRANCH, CITY OF	211	13	35	21	21		37	593584	1,425	336.0	336.0	14.0	17.0	11.5	13.1	11.9	1
2000-3002 - 1	NORTH BRANCH WATER AND LIGHT CO	281	13	35	21	21	BDCC	37	593584	36	400	15.0					1	
1995-3251 - 1	GLENN REHBEIN FARMS	284	13	35	21	35	BCC	37	555921	533	550	118.8	45.7	35.0	11.9		1	
1969-0192 - 1	WILLIAM BENDER-ROMAN	290	13	36	21	14	DDDB	37	256636	20	150	14.1		.1	.4	.4	1	
1984-3177 - 2	HARRIS, CITY OF	211	13	36	21	21		37	633180	500	1,700	11.0	7.6	8.8	7.8	8.5	6.6	1
1989-3036 - 1	GLENN REHBEIN FARMS	284	13	36	21	26	CC	37		840	1,700	137.0	42.5	35.9	35.9		1	
1999-3110 - 1	GLENN REHBEIN FARMS	284	13	36	21	26	CAB	37	615499	330	300	96.0	16.8	16.3	17.2		1	
1977-3628 - 1	FIELDS & SONS INC, EDWARD	290	13	36	21	27	AAB	37		180	1,000	29.0	6.5	3.6	3.9	2.0	1	
1989-3433 - 1	CENTRAL TURF FARMS	290	13	36	21	27	AC	37		40	500	13.0					1	
2000-3183 - 1	BAUERLY BROTHERS INC	264	13	36	21	27	CDA	37		800	800	6.4	.8	.1	.1	.4	1	
1984-3177 - 1	HARRIS, CITY OF	211	13	36	21	28		37	217924	500	1,000	11.0					1	
1989-3300 - 1	FIELDS & SONS INC, EDWARD	290	13	36	21	33	A	37		251	1,000	41.0	8.0	5.9	7.3	10.3	.0	1
1992-3150 - 1	FIELDS & SONS INC, EDWARD	290	13	36	21	33	CCC	37	507767	480	500	74.7	13.7	10.9	7.8	13.1	9.0	1
1989-3038 - 1	FIELDS & SONS INC, EDWARD	290	13	36	21	34	DBB	37	444821	251	500	41.0	6.8	6.2	8.1	10.3	10.2	1
1999-3123 - 1	BAUERLY BROTHERS INC	264	13	36	21	34	ABCA	37	598849	250	250	44.0	2.8	.7	.3	.0	1	
1977-3577 - 1	RADEMACHER, JOHN J	290	13	36	22	5	AD	37		140	600	18.0					1	
1979-3183 - 1	VAYRA, RAY FAMILY TRUST	290	13	36	22	34	CDCC	37	456947	105	650	31.0	29.0	34.1	27.9	31.0	6.2	1
2002-3014 - 1	BULRUSH GOLF CLUB LLC	281	13	37	21	20	CBAA	37	649987	120	500	39.1	30.8	30.3	21.5	29.3	18.9	1
1965-0643 - 4	RUSH CITY, CITY OF	211	13	37	21	21		37	151559	1,025	1,025	115.0	49.3	51.3	50.1	53.6	51.1	1
1965-0643 - 5	RUSH CITY, CITY OF	211	13	37	21	21		37	612116	1,025	1,025	115.0	49.3	51.3	50.1	53.6	51.1	1
1965-0643 - 6	RUSH CITY, CITY OF	211	13	37	21	21		37	612115	1,025	1,025	115.0	49.3	51.3	50.1	53.6	51.1	1