

Chart 21

MDNR Water Appropriation Permits w/i the MMRW, 1999

Code	Rate (g/min)	Total Appropriation (millions of g)	Category	Permit Holder	Resource	Well Depth (ft)
213	450.0	10.0	WATERWORKS	FAIRVIEW UNIVERSITY MEDICAL CENTER	CMTS	1080
213	450.0	10.0	WATERWORKS	FAIRVIEW UNIVERSITY MEDICAL CENTER	CJDN	470
239	3000.0	200.0	AIR CONDITIONING	HEITMAN MINN MGMT INC	OPDCCJDN	475
239	3000.0	200.0	AIR CONDITIONING	HEITMAN MINN MGMT INC	OPDCCJDN	472
239	3000.0	200.0	AIR CONDITIONING	HEITMAN MINN MGMT INC	OPDCCSTL	484
222	0.0	58354.0	POWER GENERATION	NSP	MISSISSIPPI	
222	0.0	58354.0	POWER GENERATION	NSP	MISSISSIPPI	
222	0.0	58354.0	POWER GENERATION	NSP	MISSISSIPPI	
222	0.0	58354.0	POWER GENERATION	NSP	MISSISSIPPI	
239	3700.0	400.0	AIR CONDITIONING	ABBOTT NORTHWESTERN HOSPL	CJDN	472
239	3700.0	400.0	AIR CONDITIONING	ABBOTT NORTHWESTERN HOSPL	CJDN	469
239	3700.0	400.0	AIR CONDITIONING	ABBOTT NORTHWESTERN HOSPL	CJDN	486
229	600.0	195.0	POWER GENERATION	NSP	OPDCCJDN	422
229	600.0	195.0	POWER GENERATION	NSP	OPCJ	430
239	650.0	125.0	AIR CONDITIONING	RELIA STAR CORPORATE PROPERTIES	CJDN	404
239	2000.0	500.0	AIR CONDITIONING	THS NORTHSTAR ASSOCIATES	OPCJ	
239	2000.0	500.0	AIR CONDITIONING	THS NORTHSTAR ASSOCIATES	OPCJ	770
239	2000.0	500.0	AIR CONDITIONING	THS NORTHSTAR ASSOCIATES	OPCJ	471
239	2000.0	500.0	AIR CONDITIONING	THS NORTHSTAR ASSOCIATES	OPDCCJDN	455
239	2000.0	500.0	AIR CONDITIONING	THS NORTHSTAR ASSOCIATES	OPDCCJDN	453
239	2000.0	500.0	AIR CONDITIONING	THS NORTHSTAR ASSOCIATES	OSTP	335
261	1200.0	550.0	WATER LEVEL MAINTENANCE	MINNEAPOLIS PARK & REC BOARD	MISSISSIPPI	
244	60.0	7.2	INDUSTRIAL PROCESSING	FLITTIE READY MIX	OPDC	230
247	600.0	200.0	INDUSTRIAL PROCESSING	HIAWATHA METALCRAFT INC	CJDN	415
247	600.0	200.0	INDUSTRIAL PROCESSING	HIAWATHA METALCRAFT INC	OPDCCJDN	441
249	1000.0	156.0	INDUSTRIAL PROCESSING	AMERICAN LINEN SUPPLY CO	OPDCCJDN	313
239	2125.0	250.0	AIR CONDITIONING	FRM ASSOCIATES LLC	OPDCCJDN	440
239	2125.0	250.0	AIR CONDITIONING	FRM ASSOCIATES LLC	OPDCCJDN	422
239	2125.0	250.0	AIR CONDITIONING	FRM ASSOCIATES LLC	OPDCCJDN	405
247	1000.0	195.0	INDUSTRIAL PROCESSING	SUPERIOR PLATING INC	OPDCCJDN	425
239	2000.0	460.0	AIR CONDITIONING	HONEYWELL INC	CSFL	506
239	2000.0	460.0	AIR CONDITIONING	HONEYWELL INC	CSFL	506
249	650.0	96.0	INDUSTRIAL PROCESSING	AMERICAN NAT CAN CO	OPCJ	
249	450.0	62.0	INDUSTRIAL PROCESSING	G & K SERVICES	CECRPMSC	1048
249	500.0	34.0	INDUSTRIAL PROCESSING	G & K SERVICES	CMTS	930
247	400.0	120.0	INDUSTRIAL PROCESSING	PIONEER METAL FINISHING CORP	OPCJ	275
241	89.0	3.2	INDUSTRIAL PROCESSING	ADM MILLING CO		450

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222	0.0	69732.0	POWER GENERATION	NSP	MISSISSIPPI	
249	300.0	108.9	INDUSTRIAL PROCESSING	MED-TEK INC	OPDC	278
225	200.0	45.0	POWER GENERATION	NSP	OPCJCFIG	608
261	100.0	12.0	WATER LEVEL MAINTENANCE	MINNEAPOLIS PARK & REC BOARD	OPDC	225
239	650.0	45.0	AIR CONDITIONING	METRO BANK INVEST LTD PARTNERSHIP	OPDCCJDN	
247	48.0	6.0	INDUSTRIAL PROCESSING	MINNESOTA METAL FINISHING	OSTP	253
235	1500.0	105.0	AIR CONDITIONING	ST PAUL PROPERT/MARQUETTE	OPDCCJDN	475
235	1500.0	105.0	AIR CONDITIONING	ST PAUL PROPERT/MARQUETTE		471
235	1500.0	105.0	AIR CONDITIONING	ST PAUL PROPERT/MARQUETTE	OPCJ	
235	1500.0	105.0	AIR CONDITIONING	ST PAUL PROPERT/MARQUETTE	OPDCCJDN	475
235	1500.0	105.0	AIR CONDITIONING	ST PAUL PROPERT/MARQUETTE	OPCJ	471
248	150.0	46.0	INDUSTRIAL PROCESSING	GAF MATERIALS CORP	OPDC	
213	600.0	7.0	WATERWORKS	MINNEAPOLIS GRAIN EXCHANGE	OSTP	217
213	300.0	5.0	WATERWORKS	STA ASSOC LLC	CMTS	1117
239	600.0	60.0	AIR CONDITIONING	MINNEAPOLIS ATHLETIC CLUB	OPDCCSLF	530
239	600.0	60.0	AIR CONDITIONING	MINNEAPOLIS ATHLETIC CLUB	OPDCCJDN	465
283	200.0	15.0	NON-CROP IRRIGATION	HONEYWELL INC	OPDCCJDN	460
283	200.0	15.0	NON-CROP IRRIGATION	HONEYWELL INC	OPDCCJDN	468
283	200.0	15.0	NON-CROP IRRIGATION	HONEYWELL INC	OPDCCJDN	485
271	400.0	210.0	SPECIAL CATEGORIES	GENERAL MILLS INC	OPVL	60
271	400.0	210.0	SPECIAL CATEGORIES	GENERAL MILLS INC	QWTA	42
271	400.0	210.0	SPECIAL CATEGORIES	GENERAL MILLS INC	QWTA	40
271	400.0	210.0	SPECIAL CATEGORIES	GENERAL MILLS INC	OPVL	72
271	400.0	210.0	SPECIAL CATEGORIES	GENERAL MILLS INC	OPVL	70
271	310.0	160.0	SPECIAL CATEGORIES	GENERAL MILLS INC	QWTA	
271	310.0	160.0	SPECIAL CATEGORIES	GENERAL MILLS INC	QWTA	
271	310.0	160.0	SPECIAL CATEGORIES	GENERAL MILLS INC	QWTA	
247	250.0	90.0	INDUSTRIAL PROCESSING	METAL-MATIC INC		
247	250.0	90.0	INDUSTRIAL PROCESSING	METAL-MATIC INC	OPDC	334
241	140.0	30.0	INDUSTRIAL PROCESSING	IMPACT PROPERTIES INC	OPDCCJDN	315
249	100.0	20.0	INDUSTRIAL PROCESSING	TIRO INDUSTRIES INC	OPDC	364
213	100.0	10.0	WATERWORKS	HENNEPIN FACULTY ASSOC		1064
213	4000.0	150.0	WATERWORKS	DAYTON HUDSON CORP	OPDCCIGL	796
213	4000.0	150.0	WATERWORKS	DAYTON HUDSON CORP	OPDCCMTS	804
213	4000.0	150.0	WATERWORKS	DAYTON HUDSON CORP	CSTLCMTS	809
241	500.0	250.0	INDUSTRIAL PROCESSING	NORTHERN STAR COMPANY	OPDCCJDN	471
247	300.0	33.0	INDUSTRIAL PROCESSING	APPLIED COATING TECH	OPDCCJDN	300

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239	3000.0	250.0	AIR CONDITIONING	HINES	OPDC	445
239	3000.0	250.0	AIR CONDITIONING	HINES	OPDCCJDN	481
239	2500.0	345.0	AIR CONDITIONING	BROOKFIELD LEPAGE MGMT LLC	OPDCCJDN	777
239	300.0	20.0	AIR CONDITIONING	MINNEAPOLIS PUBLIC LIBRARY	OPDCCJDN	365
221	22500.0	120.0	POWER GENERATION	U OF MN	MISSISSIPPI	
266	170.0	120.0	WATER LEVEL MAINTENANCE	U OF MN	OSTP	72
266	170.0	120.0	WATER LEVEL MAINTENANCE	U OF MN	OSTP	73
239	1200.0	140.0	AIR CONDITIONING	NRG ENERGY CENTER INC	OSTPOPDC	380
239	1200.0	140.0	AIR CONDITIONING	NRG ENERGY CENTER INC	OPDCCJDN	380
239	650.0	195.0	AIR CONDITIONING	HENNEPIN COUNTY ENERGY CENTER	OPDCCJDN	450
231	250.0	89.0	AIR CONDITIONING	AMERICAN EXPRESS FINANCE	OPDCCJDN	475
247	400.0	82.1	INDUSTRIAL PROCESSING	HIAWATHA METALCRAFT INC	CJDNCJDN	415
271	40.0	21.0	SPECIAL CATEGORIES	MINNEAPOLIS COMMUNITY DEV AGENCY	QWTA	49
271	40.0	21.0	SPECIAL CATEGORIES	MINNEAPOLIS COMMUNITY DEV AGENCY	QWTA	47
271	40.0	21.0	SPECIAL CATEGORIES	MINNEAPOLIS COMMUNITY DEV AGENCY	QWTAOPVL	43
271	40.0	21.0	SPECIAL CATEGORIES	MINNEAPOLIS COMMUNITY DEV AGENCY		47
271	40.0	21.0	SPECIAL CATEGORIES	MINNEAPOLIS COMMUNITY DEV AGENCY		49
271	45.0	24.0	SPECIAL CATEGORIES	UNION PACIFIC RAILROAD	QWTA	27
271	45.0	24.0	SPECIAL CATEGORIES	UNION PACIFIC RAILROAD	QWTA	27
271	45.0	24.0	SPECIAL CATEGORIES	UNION PACIFIC RAILROAD	QWTA	27
271	45.0	24.0	SPECIAL CATEGORIES	UNION PACIFIC RAILROAD	QWTA	22
271	310.0	165.0	SPECIAL CATEGORIES	MINNEGASCO	QWTA	70
271	310.0	165.0	SPECIAL CATEGORIES	MINNEGASCO	QWTA	
281	400.0	33.0	NON-CROP IRRIGATION	MINNEAPOLIS PARK & REC BOARD		260
281	400.0	40.0	NON-CROP IRRIGATION	MINNEAPOLIS PARK & REC BOARD		235
271	50.0	27.0	SPECIAL CATEGORIES	INTERPLASTIC CORPORATION	QWTA	45
271	50.0	27.0	SPECIAL CATEGORIES	INTERPLASTIC CORPORATION		37
269	250.0	12.0	WATER LEVEL MAINTENANCE	MINNEAPOLIS PARK & REC BOARD		217
269	250.0	12.0	WATER LEVEL MAINTENANCE	MINNEAPOLIS PARK & REC BOARD		218
271	10.0	5.0	SPECIAL CATEGORIES	SUPERIOR PLATING INC	OPVL	42
271	30.0	16.0	SPECIAL CATEGORIES	CP RAIL	OSTP	70
271	30.0	16.0	SPECIAL CATEGORIES	CP RAIL	OSTP	70
231	2000.0	110.0	AIR CONDITIONING	NRG ENERGY CENTER INC		475
231	2000.0	110.0	AIR CONDITIONING	NRG ENERGY CENTER INC		472
271	20.0	11.0	SPECIAL CATEGORIES	STEWART LUMBER CO	QWTA	30
271	30.0	16.0	SPECIAL CATEGORIES	MPCA	QWTA	
252	1400.0	50.0	TEMPORARY	MINNEAPOLIS, CITY OF		162

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252	1400.0	50.0	TEMPORARY	MINNEAPOLIS, CITY OF		163
252	1400.0	50.0	TEMPORARY	MINNEAPOLIS, CITY OF		164
252	1400.0	50.0	TEMPORARY	MINNEAPOLIS, CITY OF		164
271	15.0	8.0	SPECIAL CATEGORIES	MINNEAPOLIS COMMUNITY DEV AGENCY	QWTA	
213	800.0	3.4	WATERWORKS	FAIRVIEW UNIVERSITY MEDICAL CENTER	CJDN	450

Code	Description	Resource Name	Abbreviation
213	Commercial & institutional waterworks (business, industry, hospital)	Ironton - Galesville	CIGL
221	Hydropower	Jordan	CJDN
222	Steam power cooling - once through	St. Lawrence - Franconia	CSLF
225	Steam power other than cooling	Mount Simon	CMTS
229	Power generation	Prairie du Chien - Jordan	OPCJ
231	Commercial building A/C	Prairie du Chien	OPDC
235	District heating	St. Peter	OSTP
239	Once-through heating or A/C	Platville	OPVL
241	Agricultural processing (food and livestock)	Quaternary water table aquifer	QWTA
244	Sand and gravel washing		
247	Metal processing		
248	Non-metallic processing (rubber, plastic, glass)		
249	Industrial processing		
252	Construction, temporary (dewatering)		
261	Basin (lake) level - water level maintenance		
266	Dewatering - water level maintenance		
269	Water level maintenance		
271	Pollution confinement		
281	Golf courses - non-crop irrigation		
283	Landscaping - non-crop irrigation		