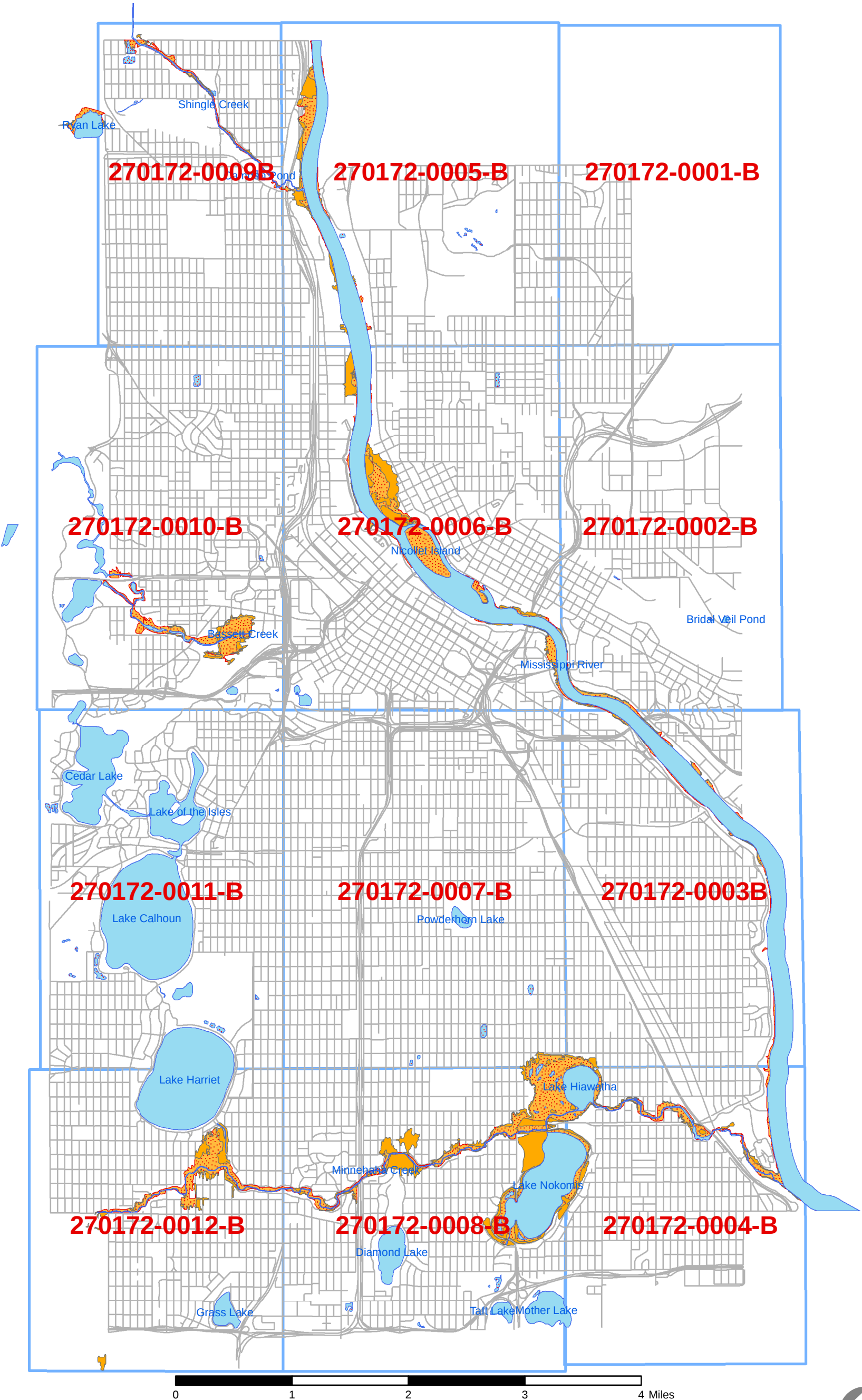


Appendix B

2008 F.E.M.A. DESIGNATED FLOOD ZONES



EFFECTIVE DATE FOR MAP PANEL 270172-0010-B IS DECEMBER 12, 2002
EFFECTIVE DATE FOR ALL OTHER MAP PANELS IS FEBRUARY 18, 1981



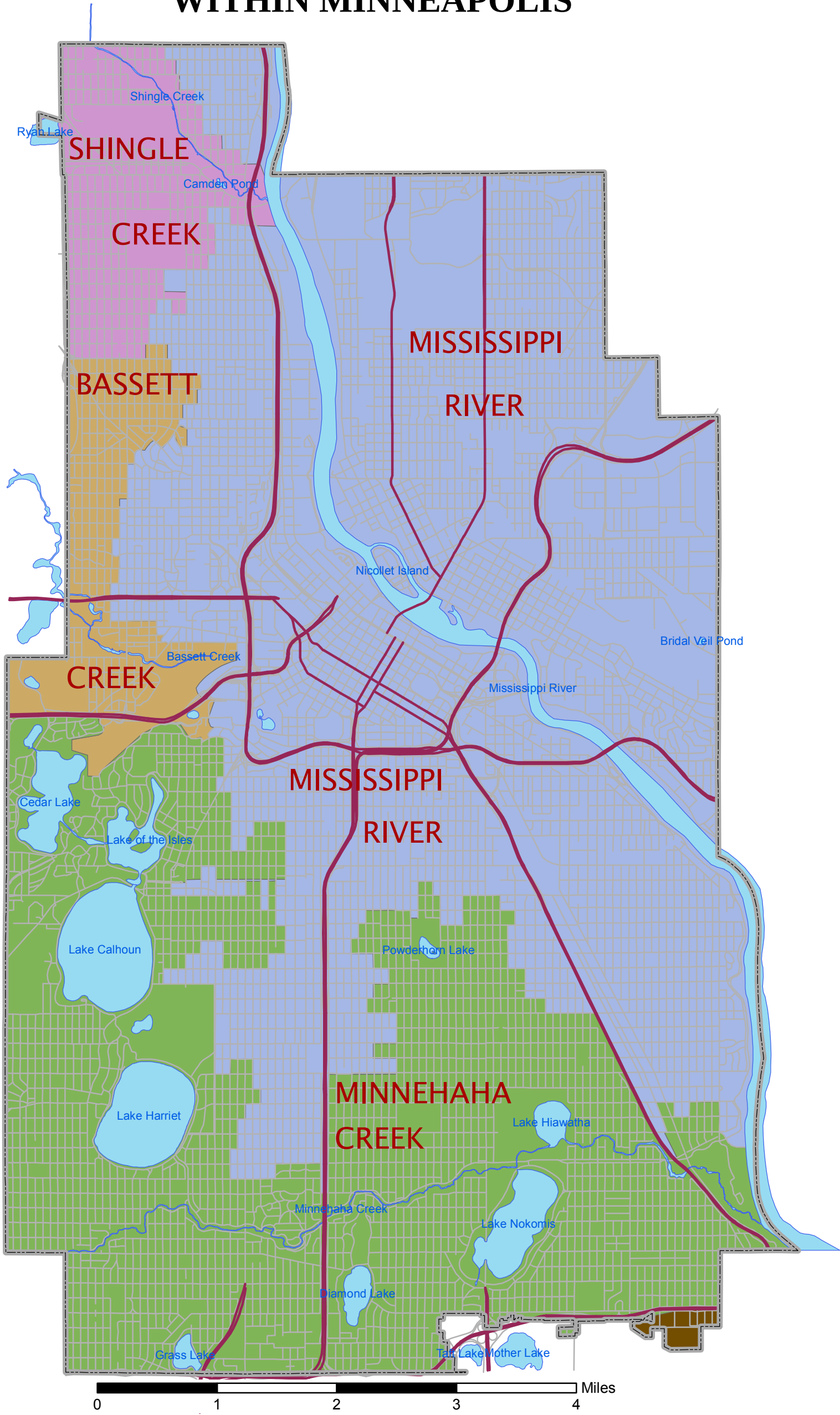
March, 2008

- Map Panels
- 100 Year Flood Zone
- 500 Year Flood Zone



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WATERSHED MANAGEMENT BOUNDARIES WITHIN MINNEAPOLIS



-  Lakes & Streams
-  Bassett Creek Water Management Commission
-  Minneapolis/St. Paul International Airport
-  Minnehaha Creek Watershed District
-  Mississippi Watershed Management Organization
-  Shingle Creek Watershed Management Commission



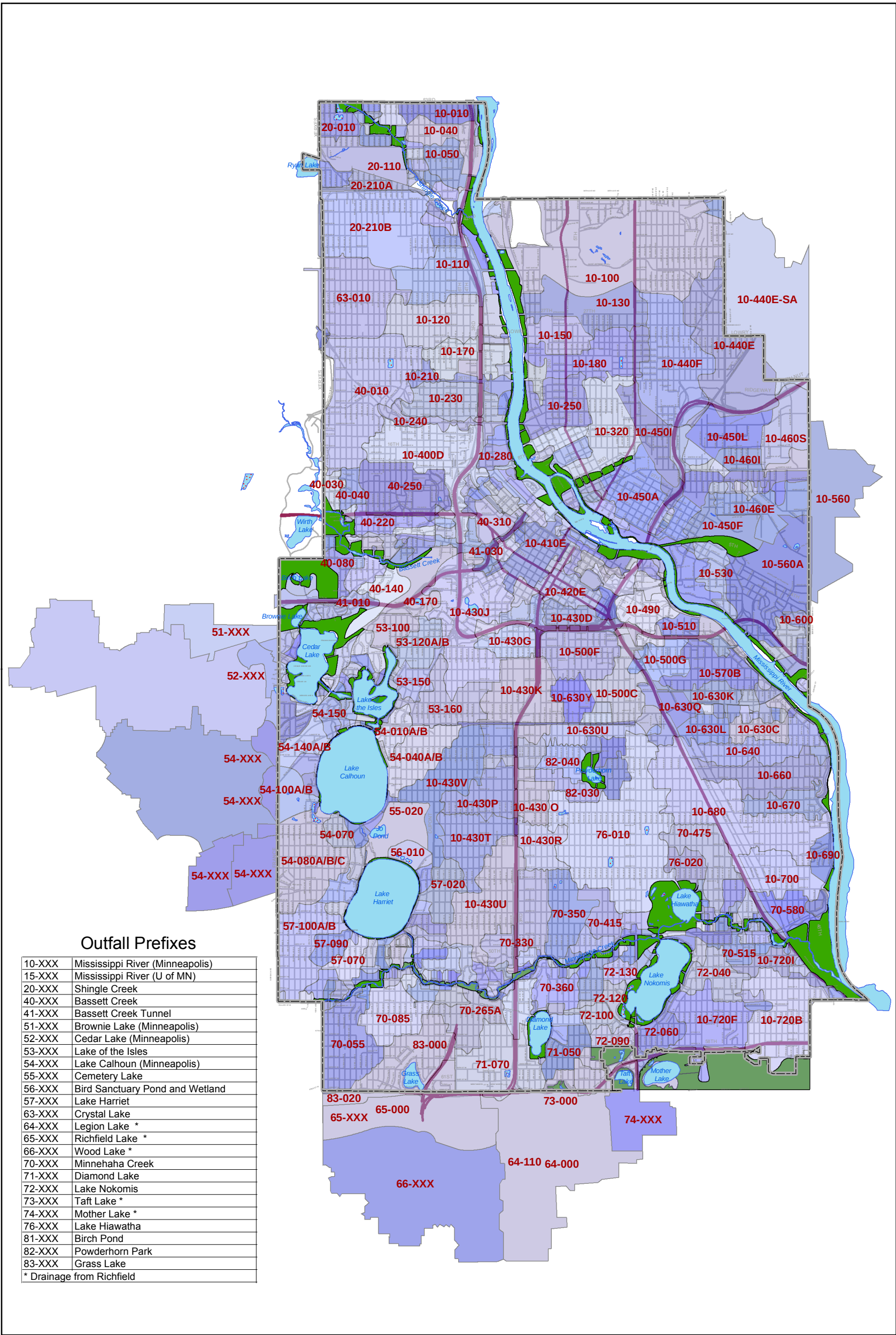
**MINNEAPOLIS PUBLIC WORKS
SURFACE WATER & SEWERS DIVISION**



March, 2008

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MINNEAPOLIS STORMWATER RUNOFF DRAINAGE SUB-AREA BOUNDARIES



March, 2008



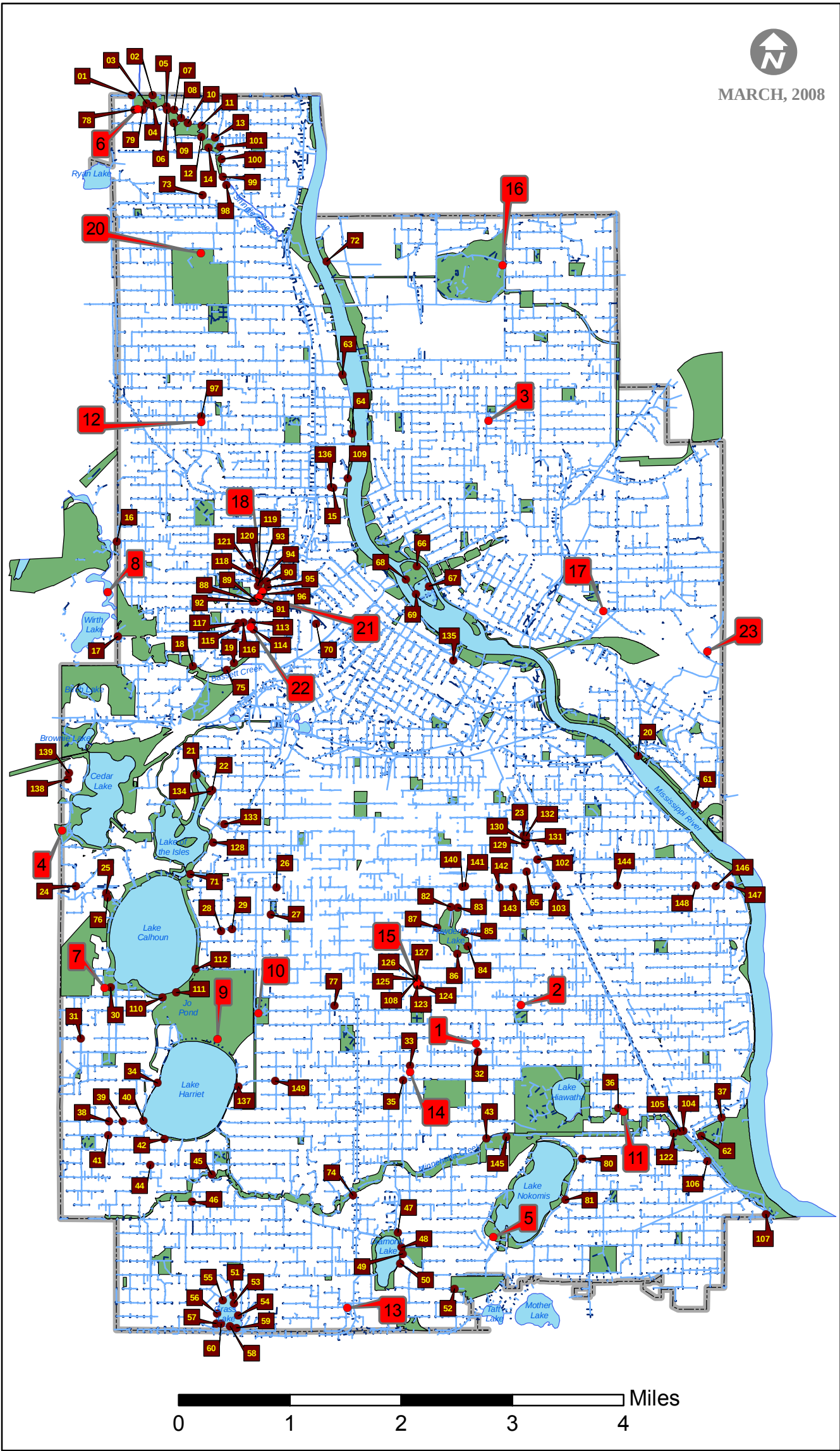
MINNEAPOLIS PUBLIC WORKS
SURFACE WATER & SEWERS DIVISION

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City of Minneapolis Grit Chambers & Stormwater Ponds

Grit Chambers

Chamber ID	Location	Year Built	Watershed
1	UPTON AV. N. & 53RD AV. N	1996	20-011 SHINGLE CREEK
2	RUSSELL AV. N. & 53RD AV. N.	1994	20-012 SHINGLE CREEK
3	SHERIDAN AV. N. NORTH OF 52ND AV N.	1996	20-010 SHINGLE CREEK
4	RUSSELL AVE N, NORTH OF 52ND AVE N	1996	20-013 SHINGLE CREEK
5	PENN AV. N. & 52ND AV. N.	1996	20-020 SHINGLE CREEK
6	PENN AV. N. & 52ND AV. N.	1994	20-030 SHINGLE CREEK
7	OLIVER AV. N. & 52ND AV. N.	1994	20-040 SHINGLE CREEK
8	NEWTON AV. N. & SHINGLE CREEK	1994	20-050 SHINGLE CREEK
9	OLIVER AV. N. & 51ST AV. N.	1996	20-060 SHINGLE CREEK
10	MORGAN AV. N. & 51ST AV. N.	1994	20-070 SHINGLE CREEK
11	KNOX AV. N. & 51ST AV. N.	1994	20-070 SHINGLE CREEK
12	KNOX AV. N. & 50TH AV. N.	1996	20-080 SHINGLE CREEK
13	IRVING AV. N. & 50TH AV. N.	1994	20-090 SHINGLE CREEK
14	JAMES AV. N. NORTH OF 49TH AV. N.	1996	20-095 SHINGLE CREEK
15	21ST AV. N. & 1ST ST. N.	1994	10-230 MISSISSIPPI RIVER
16	XERXES AVE N & 14TH AV N	1977	40-010 BASSETT CREEK
17	XERXES AVE N & GLENWOOD AVE	1996	40-020 BASSETT CREEK
18	MORGAN AV. N. & CHESTNUT AV.	1994	40-130 BASSETT CREEK
19	GIRARD AV. N. & CURRIE AV. N.	1994	40-160 BASSETT CREEK
20	BRIDAL VEIL TUNNEL OUTLET	1994	10-560A MISSISSIPPI RIVER
21	LAKE OF THE ISLES PKWY. & LOGAN AV. S	1994	53-100 LAKE OF THE ISLES
22	W. 22ND ST. & JAMES AV. S.	2003	53-120A/B LAKE OF THE ISLES
23	YARD SUMPS, E. 26TH ST. & HIAWATHA	1996	10-630R MISSISSIPPI RIVER
24	DREW AV. S. & W. LAKE ST.	1995	52-070 CEDAR LAKE
25	EXCELSIOR BLVD. & MARKET PL.	1995	54-140A/B LAKE CALHOUN
26	W LAKE ST & ALDRICH AVE S.	1992	54-040A/B LAKE CALHOUN
27	W. 32ND ST. & BRYANT AV. S.	1992	10-430V LAKE CALHOUN
28	W. 33RD ST. & HOLMS AV. S.	1995	54-040A/B LAKE CALHOUN
29	W. 33RD ST. & GIRARD AV. S.	1992	54-040A/B LAKE CALHOUN
30	YORK AV. S. & W. LAKE CALHOUN PKWY	1980	54-080 LAKE CALHOUN
31	CHOWEN AV. S. & W. 41ST ST.	1994	54-080A/B/C LAKE CALHOUN
32	E. 42ND ST. & BOWMONT AV. S.	1988	76-010 LAKE HIAWATHA
33	E. 43RD ST. & PARK AV. S.	1993	70-350 MINNEHAHA CREEK
34	W. 44TH ST. & W. LAKE HARRIET PKWY.	1996	57-100A/B/C LAKE HARRIET
35	E. 44TH ST. & OAKLAND AV. S.	1993	70-350 MINNEHAHA CREEK
36	E. 46TH ST. & 31ST AV. S.	1976	70-490 MINNEHAHA CREEK
37	46TH AV. S. & GODFREY ROAD	1975	70-580 MINNEHAHA CREEK
38	W. 47TH ST. & YORK AV. S.	1990	57-100A/B LAKE HARRIET
39	W. 47TH ST. & WASHBURN AV. S.	1990	57-100 A/B LAKE HARRIET
40	W. 47TH ST. & LAKE HARRIET PKWY.	1990	57-100A/B LAKE HARRIET
41	W. 48TH ST. & YORK AV. S.	1990	57-100A/B LAKE HARRIET
42	QUEEN AV. S. & LAKE HARRIET PKWY.	1995	57-070 LAKE HARRIET
43	16TH AV. S. & E. MINNEHAHA PKWY.	1990	70-415 MINNEHAHA CREEK
44	SHERIDAN AV. S. & W. 50TH ST.	1995	57-070 LAKE HARRIET
45	JAMES AV. S. & MINNEHAHA CREEK	1992	70-130 MINNEHAHA CREEK
46	MORGAN AV. S. & W. 53RD ST.	1992	70-085 MINNEHAHA CREEK
47	E. 55TH ST. & PORTLAND AV. S.	1992	71-020 DIAMOND LAKE
48	E. 56TH ST. & PORTLAND AV. S.	1992	71-030 DIAMOND LAKE
49	E. 57TH ST. & PORTLAND AV. S.	1992	71-040 DIAMOND LAKE
50	E. 58TH ST. & PORTLAND AV. S.	1992	71-050 DIAMOND LAKE
51	GIRARD AV. S. BETWEEN 59TH ST. & 60TH	1995	83-060 GRASS LAKE
52	E. 59TH ST. & 12TH AV. S.	1995	75-040 TAFT LAKE
53	GIRARD AV. S. & W. 60TH ST.	1995	83-070 GRASS LAKE
54	GIRARD AV. S. BETWEEN 60TH & DUPONT	1995	83-080 GRASS LAKE
55	GRASS LK. TERR. BETWEEN GIRARD & JAMES	1995	83-050 GRASS LAKE
56	GRASS LK. SERVICE RD. BEHIND 6035 JAMES	1995	83-040 GRASS LAKE
57	GRASS LK. SERVICE RD. BEHIND 6077 JAMES	1995	83-030 GRASS LAKE
58	GRASS LK. SERVICE RD. BEHIND 1416 W. 61ST	1995	83-015 GRASS LAKE
59	W. 61ST ST. & GRASS LAKE SERVICE ROAD	1995	83-010 GRASS LAKE
60	IRVING AVE SO. & W. 61ST ST.	1995	83-020 GRASS LAKE
61	E. RIVER RD. & CECIL ST.	1993	10-600 MISSISSIPPI RIVER
62	HIAWATHA PARK REFECTORY TURN-ROUND	1995	70-578 MINNEHAHA CREEK
63	33RD AV. N. & 1ST ST. N./ R.R. TRACKS	1936	10-120B MISSISSIPPI RIVER
64	NORTH TRANSFER STATION	1997	10-210 MISSISSIPPI RIVER
65	SOUTH TRANSFER STATION	1997	10-630R MISSISSIPPI RIVER
66	MAPLE PL. & EAST ISLAND	1997	10-315 MISSISSIPPI RIVER
67	DE LASALLE DR. & EAST ISLAND	1997	10-360 MISSISSIPPI RIVER
68	W. ISLAND, 300' S. OF MAPLE PLACE	1997	10-316 MISSISSIPPI RIVER
69	EASTMAN AV. & WEST ISLAND	1997	10-345 MISSISSIPPI RIVER
70	ROYALTON & 5TH AV. N.	1997	40-310 MISSISSIPPI RIVER
71	THE MALL & E. LAKE OF THE ISLES	1998	54-104 A/B LAKE OF THE ISLES
72	S OF 37TH AVE NE & ST ANTHONY PKWY	1998	10-065 MISSISSIPPI RIVER
73	4552 KNOX Av. N. (IN ALLEY BEHIND PROPERTY)	1995	20-210A SHINGLE CREEK
74	STEVENS AV. S. 300' S. OF MINNEHAHA CREEK	1995	70-295 MINNEHAHA CREEK
75	NO GRIT CHAMBER LOCATED HERE		REMOVED FROM LIST APRIL 06
76	MARKET PLAZA & EXCEL BLVD (PKING LOT)	1999	54-140 LAKE CALHOUN
77	ALLEY btwn NICOLLET & BLAISDELL(on 39th St)	1999	10-430T MISSISSIPPI RIVER
78	SHINGLE CREEK WETLANDS-WEST SIDE	1999	20-011 SHINGLE CREEK
79	SHINGLE CREEK WETLANDS-EAST SIDE	1999	20-011 SHINGLE CREEK
80	WOODLAWN BLVD & 50TH ST E	2000	72-020 LAKE NOKOMIS
81	WOODLAWN BLVD & 53 ST E	2000	72-040 LAKE NOKOMIS
82	12TH AVE S & POWDERHORN TERRACE	2002	82-010 MINNEHAHA CREEK
83	13TH AVE S & POWDERHORN TERRACE	2002	82-010 MINNEHAHA CREEK
84	3421 15TH AVE S/180' W OF CL)	2002	82-020 MINNEHAHA CREEK
85	3329 14TH AVE S	2002	82-020 MINNEHAHA CREEK
86	13TH AVE S & E 35TH ST	2002	82-030 MINNEHAHA CREEK
87	3318 10TH AVE S	2002	82-040 MINNEHAHA CREEK
88	702 Van White Blvd No. Bd. Lane	2003	BASSETT CREEK
89	706 Van White Blvd No. Bd. Lane	2003	BASSETT CREEK
90	10th AV. N. & Aldrich AV. N. (SWC)	2003	BASSETT CREEK
91	S. Bd. Van White Blvd. 200' S. of 8th AV. N.	2003	BASSETT CREEK
92	701 Van White Blvd So. Bd. Lane	2003	BASSETT CREEK
93	S. Bd. Van White Blvd 250' S. of 10th AV. N.	2003	BASSETT CREEK
94	10th AV. N. & N. Bd. Van White Blvd. (SWC)	2003	BASSETT CREEK
95	Aldrich AV. N. & 9th AV. N. West Side	2003	BASSETT CREEK
96	8th AV. N. & N. Bd. Van White Blvd. (NEC)	2003	BASSETT CREEK
97	29th AV @ Logan AV N-Storm Water Detention Pond	2003	BASSETT CREEK
98	Malmquist Lane @ Humboldt N	2003	Shingle Creek
99	Shingle Creek Dr @ Humboldt Av N	2003	Shingle Creek
100	S of 49th AV N @ Humboldt N	2003	Shingle Creek
101	N of 49th AV N @ Humboldt N	2003	Shingle Creek
102	28th ST E @ Hiawatha	2001	Mississippi River
103	Lake St E @ Hiawatha	2001	Mississippi River
104	Nawadha La / Service Rd @ Hiawatha	2002	Mississippi River
105	Minnehaha Pkwey (N Side) S B. Lane	2002	Mississippi River
106	50th ST E (SW COR) @ Hiawatha	2002	Mississippi River
107	54th ST E @ Riverview Rd	2002	Mississippi River
108	37th ST E @ Columbus AV Storm Pond	2004	76-010MINNEHAHA CREEK
109	NO GRIT CHAMBER LOCATED HERE		REMOVED FROM LIST APRIL 06
110	W Calhoun Pkwy 100' N of Richfield RD	2004	54-060 LAKE CALHOUN
111	Richfield RD at SW Cor Parking Lot	2004	LAKE CALHOUN
112	W 36th ST 30' E of East Calhoun Pkwy	2004	54-050 LAKE CALHOUN
113	VAN WHITE MEM. BLVD (N.B.)@ #1016 5TH AVE N)	2003	BASSETT CREEK
114	DUPONT AVE N AND 4TH AVE N	2003	BASSETT CREEK
115	VAN WHITE MEM. BLVD (S.B.) AND 4TH AVE N	2005	BASSETT CREEK
116	VAN WHITE MEM. BLVD (S.B.) AND 4TH AVE N	2004	BASSETT CREEK
117	VAN WHITE MEM. BLVD (S.B.) AND 4TH AVE N	2005	BASSETT CREEK
118	VAN WHITE MEM. BLVD (S.B.) AND 10TH AVE N	2004	BASSETT CREEK
119	11TH AVE N AND VAN WHITE MEM. BLVD (N.B.)	2004	BASSETT CREEK
120	VAN WHITE MEM. BLVD (S.B.) AND 11TH AVE N	2004	BASSETT CREEK
121	VAN WHITE MEM. BLVD (S.B.) AND FREMONT AVE N	2004	BASSETT CREEK
122	MINNEHAHA PKWY @ 39TH AVE S NORTH SIDE OF PKWY	2001	10-720 MISSISSIPPI RIVER
123	COLUMBUS AVE S SOUTH OF E 37TH ST REROUTE	2004	76-010 MINNEHAHA CREEK
124	COLUMBUS AVE S - CHICAGO AVE S ALLEY	2004	76-010 MINNEHAHA CREEK
125	COLUMBUS AVE S ACROSS FROM #3644	2004	76-010 MINNEHAHA CREEK
126	E 37TH ST AND COLUMBUS AVE S	2004	76-010 MINNEHAHA CREEK
127	E 37TH ST AND COLUMBUS AVE S	2004	76-010 MINNEHAHA CREEK
128	W 27TH ST AND LAKE OF THE ISLES PKWY	2004	53-160 LAKE OF THE ISLES
129	YARD SUMP, 26TH AND HIAWATHA	1996	10-630R MISSISSIPPI RIVER
130	YARD SUMP, 26TH AND HIAWATHA	1996	10-630R MISSISSIPPI RIVER
131	YARD SUMP, 26TH AND HIAWATHA	1996	10-630R MISSISSIPPI RIVER
132	YARD SUMP, 26TH AND HIAWATHA	1996	10-630R MISSISSIPPI RIVER
133	BETWEEN HUMBOLDT/IRVING AVE S AND W 25TH/26TH ST		Not applicable
134	W 22ND ST @ E LAKE OF THE ISLES BLVD	2003	53-120A/B LAKE OF THE ISLES
135	CHICAGO AVE S BETWEEN WASHINGTON AVE S AND 2ND ST S	2005	10-410 MISSISSIPPI RIVER
136	VACATED ALLEY BET. 1ST ST N AND 2ND ST N AT VACATED 21ST AVE N @ 111 22nd Ave N	2005	10-230 MISSISSIPPI RIVER
137	W 44TH ST @ LAKE HARRIET PKWY EAST	2006	57-020 LAKE HARRIET
138	EWING AVE S BETWEEN W. FRANKLIN AVE AND W 22ND ST	2006	85-010 WETLAND/CEDAR LAKE
139	EWING AVE S @ W FRANKLIN AVE	2006	85-010 WETLAND/CEDAR LAKE
140	E LAKE ST WEST OF 14TH AVE S	2006	10-630 MISSISSIPPI RIVER
141	E LAKE ST EAST OF 14TH AVE S	2006	10-630 MISSISSIPPI RIVER
142	16TH AVE S SOUTH OF E LAKE ST	2006	76-010 LAKE HIAWATHA
143	LONGFELLOW AVE S SOUTH OF E LAKE ST	2006	76-010 LAKE HIAWATHA
144	31ST AVE S NORTH OF E LAKE ST	2006	10-630 MISSISSIPPI RIVER
145	CEDAR AVE S @ E MINNEHAHA PKWY	2007	70-425 MINNEHAHA CREEK
146	E LAKE ST W OF 46TH AVE S	2007	10-640 MISSISSIPPI RIVER
147	E LAKE ST W OF 47TH AVE S	2007	10-640 MISSISSIPPI RIVER
148	E LAKE ST W OF 42ND AVE S	2006	10-630C MISSISSIPPI RIVER
149	W 44TH ST AND ALDRICH AVE S	2007	57-020 LAKE HARRIET



Constructed Ponds & Wetlands

Pond ID	Pond Name	Type	Location
1	Bancroft Meadows	Dry Basin	Bloomington & 42nd St.E.
2	Sibley Pond	Pond	Longfellow Ave. & 39th St. E.
3	Edison	Dry Basin	Quincy & 22nd Ave. N.E.
4	Cedar Meadows	Ponds (MPRB)	France Ave. & 26th St. W.
5	Nokomis Wetlands	Ponds (MPRB)	South End Lake Nokomis
6	Shingle Creek	Pond	Upton Ave. N. & 52nd Ave. N.
7	Calhoun Wetlands	Ponds (MPRB)	Zenith Ave. S. & 38th St. W.
8	Wirth Wetlands	Wetlands	Theodore Wirth Park
9	Harriet- Roberts Bird Sanctuary	Wetland (MPRB)	Lake Harriet Pkwy & Rose Way
10	Detention Basin	Detention Basin	Park Board HQ - Harriet Av
11	SENA Wetlands	Filtration Wetland	31st Ave. So. & 46th St. E.
12	Logan Pond	Detention Basin	29th Ave N & Logan Ave N
13	Diamond Lake	Pond	1st Ave. S & 60th St. W
14	Park Avenue Holding Pond	Pond	Oakland Ave. & 44th St. W.
15	37th & Columbus	Pond	37th St E & Columbus Ave S
16	Columbia Park	Ponds (MPRB)	Columbia Park Golf Course
17	Toddlers Pond	Wet Pond	18th Ave SE & Elm
18	Heritage Park	Infiltration Ponds	Heritage Park
19	Greenway	Crystal Lake	Heritage Park
20	Cemetery Pond	Pond	42nd Ave N and Morgan Ave N
21	Heritage Park	Pond	Heritage Park
22	Heritage Park	Pond	Heritage Park
23	Kasota Stormwater Pond	Pond	Kasota Ave & Bridal Veil

Ponds & Wetlands

Grit Chambers

Storm Drain

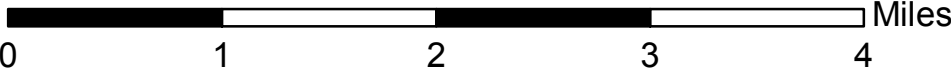
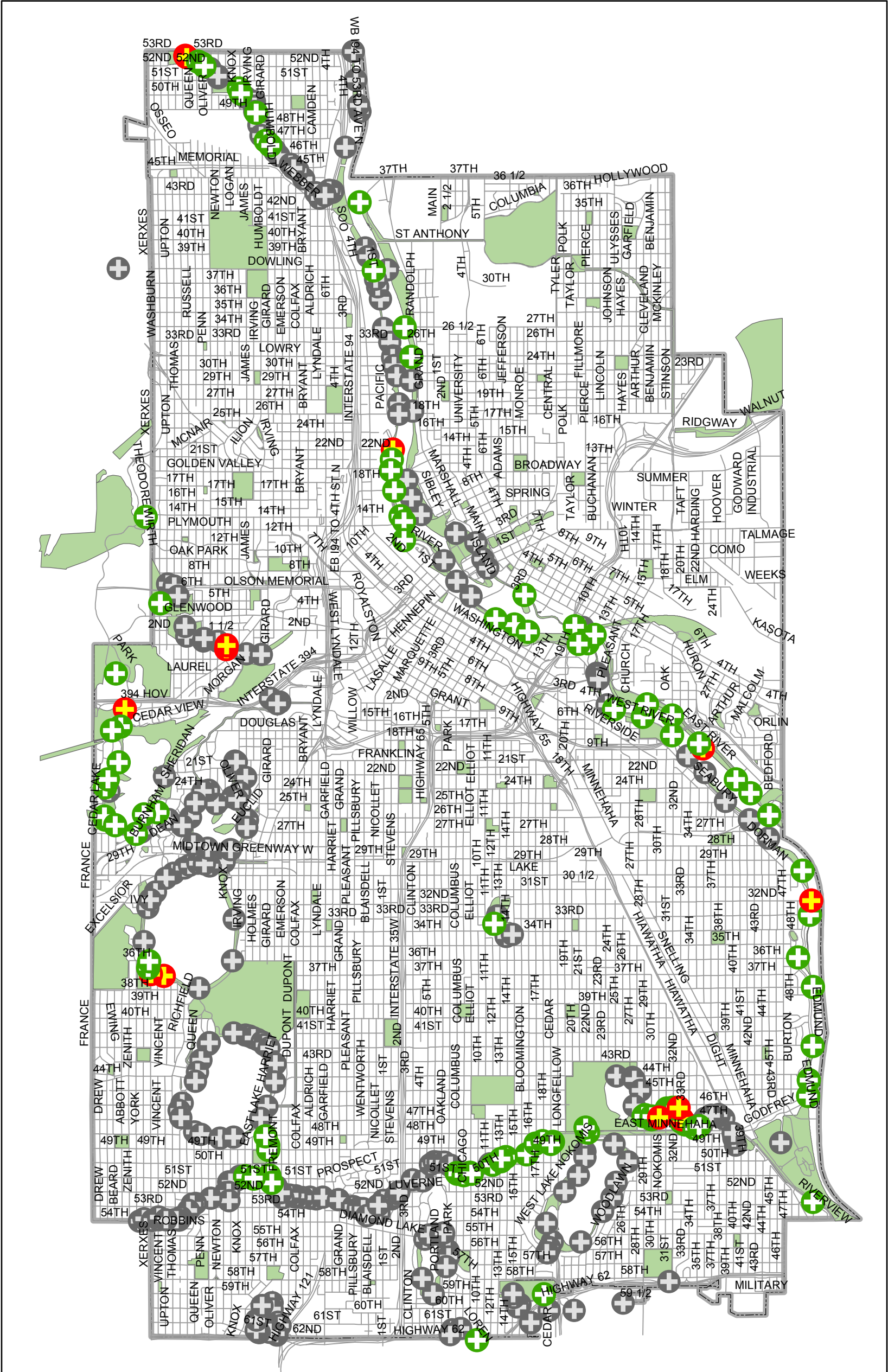
Park & Green Space

Surface Water

MINNEAPOLIS PUBLIC WORKS
SURFACE WATER & SEWERS DIVISION

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Minneapolis Outfall Inspection Program



March, 2008

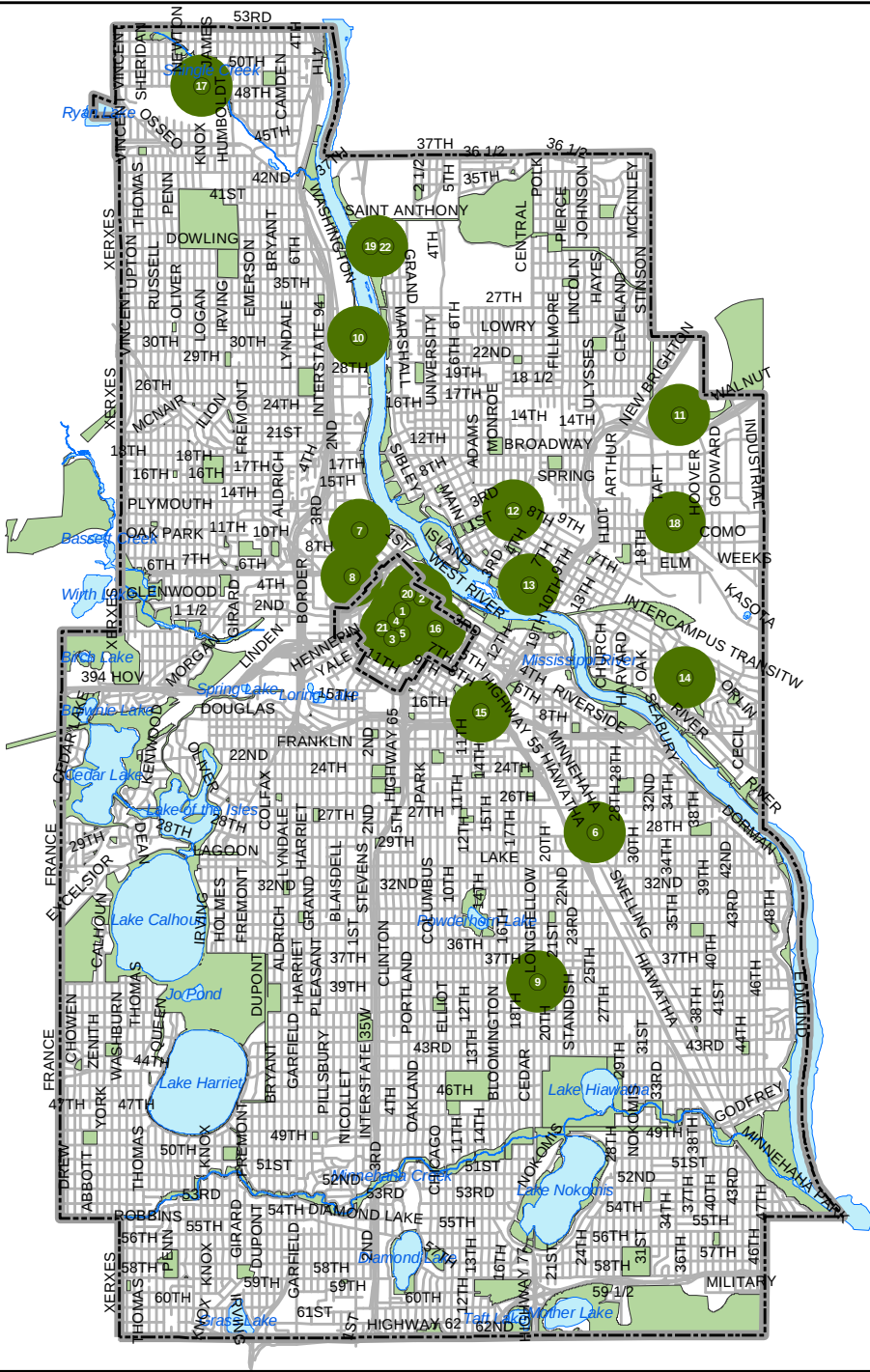
- Satisfactory
- Needs Maintenance
- Outfalls Not Inspected
- Parks & Green Spaces
- City Boundary
- Streets



MINNEAPOLIS PUBLIC WORKS
SURFACE WATER & SEWERS DIVISION

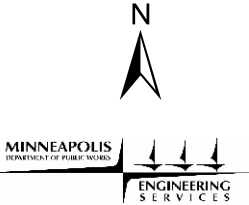
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Non-Stormwater Permit holders



-  NSW D Permits Sites
-  City Boundary
-  Lakes and Streams
-  Park & Green Space
-  mplsstreets

Non Stormwater Discharge Permits		
ID	Address	Permittee
1	1414 Nicollet Mall	Xcel Energy
2	2100 Washington Ave S	ING
3	300 10th St S	NWC Ltd Partnership, Wells Fargo Center
4	501 Nicollet Mall	Brookfield DB Inc. Gavidiae Commons
5	625 Marquette Ave	THS Northstar Center
6	2751 Minnehaha Ave	Calson of Minneapolis
7	901 2nd St N	NRG Energy Center, Inc.
8	521 5th St N	Hennepin Energy Resource Company
9	1836 E 38th St	Kwong Tung Foods
10	50 Lowry Ave N	GAF Materials Corp
11	2800 Ridgeway Plwy	Honeywell, Inc.
12	800 Central Ave NE	Electric Machinery Co
13	629 2nd St SE	Metalmatic Inc.
14	150 26th Ave SE	Pechiney Plastic
15	917 13th Ave S	Bunge Corporation
16	400 4th St S	Minneapolis Grain Exchange
17	1901 49th Ave N	Owens Corning Roofing Plant
18	1081 21st Ave SE	General Mills, Inc.
19	3100 Marshall St	Xcel Energy
20	20 Washington Ave S	ING
21	651 Nicollet Mall	Brookfield DB Inc. Gavidiae Commons
22	3100 Marshall St	Xcel Energy



March, 2007