

[Minnesota Lake Superior Beach Monitoring Program](#)

[Minnesota Beach and Water Access Point Monitoring Program Overviews](#)

Minnesota Lake Superior Beach Monitoring Program Results (MPCA):



Most Recent



Historical (May 4, 2004 - current)

Duluth Area Inland Beach Monitoring Results (St. Louis County Department of Public Health):



Historical

Minnesota St. Louis River Access Point Monitoring Results (WLSSD):



Most Recent



Historical (April 13, 2004 - current)

Minnesota Lake Superior Beach Monitoring Program

Minnesota Beach and Water Access Point Monitoring Program Overviews

*This document contains water quality results and beach/access point status from multiple monitoring programs in Minnesota. Each result contributing program is described below, including a program overview, human health advisory posting criteria, and contact information. **The MPCA is not responsible for locations, monitoring results, or advisory posting criteria for programs other than the Minnesota Lake Superior Beach Monitoring Program.***

Minnesota Lake Superior Beach Monitoring Program (MPCA)

Program Overview

The Minnesota Lake Superior Beach Monitoring Program is administered by the Minnesota Pollution Control Agency (MPCA), who works with Cook and Lake County staff to collect samples from 38 locations along the Minnesota shores of Lake Superior and St. Louis River Bay.

Beach Advisory Criteria

Beach Program staff will issue and post a beach advisory based upon evaluation of water sample results using the EPA recommendations for acceptable *E. coli* levels, and Minnesota Fecal Coliform standards as specified in Minnesota Rule 7050.0222 in water samples.

The federal acceptable water sample standard for *E. coli* is:

1. The geometric mean based on not less than five samples within a 30-day period shall not exceed 126 *E. coli* colonies per 100 ml of water; and
2. Content shall not exceed 235 *E. coli* colonies per 100 ml of water in a single sample.

The Minnesota state acceptable water sample standard for Fecal Coliform is:

1. The geometric mean based on not less than five samples within a 30-day period shall not exceed 200 Fecal Coliform colonies per 100 ml of water; and
2. Content shall not exceed 400 Fecal Coliform colonies per 100 ml of water in more than ten percent of all samples taken during any 30-day period.

Contact Person

Heidi Bauman, MPCA

Phone: 218-723-4953, 800-657-3864 (toll-free)

E-mail: heidi.bauman@pca.state.mn.us

Duluth Area Inland Beach Monitoring (St. Louis County Department of Public Health)

Program Overview

Inland beach monitoring efforts in the Duluth area are conducted and administered by the St. Louis County Department of Public Health. County staff monitor water quality at 2 public swimming beaches; 1 site at Twin Ponds and 5 sites at Pike Lake. Water samples are analyzed by St. Louis County Department of Public Health staff.

Contact

St. Louis County Department of Public Health

Phone: 218-725-5200

Minnesota St. Louis River Access Point Monitoring (WLSSD)

Program Overview

The WLSSD's Minnesota St. Louis River Access Point Monitoring effort is administered by the Western Lake Superior Sanitary District (WLSSD) who voluntarily monitors 16 access points on the Minnesota portion of the St. Louis River for bacteria levels weekly during the swimming season, from about May through September. Water samples are collected and analyzed by WLSSD laboratory staff.

Access Point Advisory Criteria

WLSSD will issue and post an advisory to adjacent access points following sanitary sewer overflows, by-passes, and/or breakages.

Contact Person

Joe Stepun, WLSSD

Phone: 218-722-3336 ext. 306

Most Recent Water Quality Monitoring Results as of Wednesday, October 27, 2004, 3:39 PM

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Most Recent Date Monitored	Water Temp (deg F)	E. coli Result (colonies/100 mL)	Fecal Coliform Result (colonies/100 mL)	Beach Status
St. Louis County Beaches					
Boy Scout Landing Beach	September 13, 2004	64.1	31	15	Water Contact Acceptable
Clyde Avenue Boat Landing Beach	September 13, 2004	62.4	33	17	Water Contact Acceptable
Park Point Beach House	October 25, 2004	49.2	2	2	Water Contact Acceptable
Park Point Sky Harbor Parking Lot Beach	October 25, 2004	48.8	45	23	Water Contact Acceptable
Park Point Southworth Marsh Beach	October 25, 2004	49.9	228	216	Water Contact Acceptable
Park Point Lafayette Community Club Beach	October 25, 2004	49.4	<1	<1	Water Contact Acceptable
Park Point 20 th Street / Hearing Island Canal Beach	October 25, 2004	49.8	22	11	Water Contact Acceptable
Park Point Franklin Park / 13 th Street South Beach	October 25, 2004	48.7	3	<1	Water Contact Acceptable
Park Point New Duluth Boat Club / 14 th Street Beach	October 25, 2004	49.4	19	13	Water Contact Acceptable
Lakewalk Beach	October 25, 2004	48.3	63	23	Water Contact Acceptable
Leif Erickson Park Beach	September 13, 2004	56.6	32	28	Water Contact Acceptable
Lakewalk East / 16 th Avenue East Beach	September 13, 2004	56.2	12	3	Water Contact Acceptable
42 nd Avenue East Beach	September 13, 2004	56.1	27	20	Water Contact Acceptable
Lester River Beach	September 13, 2004	56.7	17	10	Water Contact Acceptable
Brighton Beach	October 25, 2004	48	25	10	Water Contact Acceptable
French River Beach	September 13, 2004	56.5	7	5	Water Contact Acceptable
Bluebird Landing Beach	September 13, 2004	56.7	5	5	Water Contact Acceptable
Stony Point Beach	September 13, 2004	55.4	<1	1	Water Contact Acceptable
Lake County Beaches					
Knife River Marina Beach	September 13, 2004	56.5	3	2	Water Contact Acceptable
Burlington Bay Beach	October 25, 2004	44.7	2	1	Water Contact Acceptable
Flood Bay Beach	October 25, 2004	45.1	26	6	Water Contact Acceptable
Stewart River Beach	September 13, 2004	56.4	17	4	Water Contact Acceptable
Gooseberry State Park Beach	September 13, 2004	54.9	62	29	Water Contact Acceptable
Twin Points Public Access Beach	September 13, 2004	59	18	7	Water Contact Acceptable
Split Rock River Beach	September 13, 2004	55	7	5	Water Contact Acceptable
Split Rock State Park Beach	September 13, 2004	54.6	1	<1	Water Contact Acceptable
Silver Bay Marina Beach	September 13, 2004	57.4	1	2	Water Contact Acceptable
Tettegouche State Park Beach	September 13, 2004	56	2	2	Water Contact Acceptable
Cook County Beaches					
Sugarloaf Cove Beach	September 13, 2004		3	4	Water Contact Acceptable
Schroeder Town Park Beach	September 13, 2004	64.5	6	10	Water Contact Acceptable
Temperance River State Park Beach	September 13, 2004	64	3	4	Water Contact Acceptable
Cutface Creek Wayside Rest Beach	September 13, 2004	64	5	<1	Water Contact Acceptable
Grand Marais Campground Beach	October 25, 2004	48	39	18	Water Contact Acceptable
Grand Marais Downtown Beach	October 25, 2004	47	13	3	Water Contact Acceptable
Old Shore Road Beach Area	September 13, 2004	61	2	1	Water Contact Acceptable
Durfee Creek Area Beach	September 13, 2004	62	2	1	Water Contact Acceptable
Kadunce Creek Beach	September 13, 2004	63	3	1	Water Contact Acceptable
Paradise Beach	September 13, 2004	63	1	2	Water Contact Acceptable

Most Recent Water Quality Monitoring Results as of Wednesday, October 27, 2004, 3:39 PM

Duluth Area Inland Beach Monitoring

Water samples collected and analyzed, and advisories posted by the St. Louis County Department of Public Health

Beach Name	Most Recent Date Monitored	Fecal Coliform Results (colonies/100 mL)	Beach Status
Twin Ponds (Duluth, MN)			
	June 21, 2004	4	Water Contact Acceptable
Outlet			
	August 30, 2004	47	Water Contact Acceptable
	August 23, 2004	46	Water Contact Acceptable
	August 16, 2004	630	Water Contact Not Recommended
	August 9, 2004	94	Water Contact Acceptable
	August 2, 2004	9	Water Contact Acceptable
Inlet			
	August 30, 2004	60	Water Contact Acceptable
	August 23, 2004	50	Water Contact Acceptable
	August 16, 2004	640	Water Contact Not Recommended
	August 9, 2004	168	Water Contact Acceptable
	August 2, 2004	10	Water Contact Acceptable

Pike Lake – AAA Auto Club Beach (Duluth, MN)			
South of lifeguard station			
	August 30, 2004	10	Water Contact Acceptable
	August 23, 2004	3	Water Contact Acceptable
	August 16, 2004	<1	Water Contact Acceptable
	August 9, 2004	19	Water Contact Acceptable
	August 2, 2004	4	Water Contact Acceptable
	July 19, 2004	2	Water Contact Acceptable
In front of lifeguard station			
	August 30, 2004	9	Water Contact Acceptable
	August 23, 2004	32	Water Contact Acceptable
	August 16, 2004	<1	Water Contact Acceptable
	August 9, 2004	2	Water Contact Acceptable
	August 2, 2004	1	Water Contact Acceptable
	July 19, 2004	16	Water Contact Acceptable
North of lifeguard station			
	August 30, 2004	19	Water Contact Acceptable
	August 23, 2004	30	Water Contact Acceptable
	August 16, 2004	1	Water Contact Acceptable
	August 9, 2004	18	Water Contact Acceptable
	August 2, 2004	<1	Water Contact Acceptable
	July 19, 2004	3	Water Contact Acceptable
South of boat landing			
	August 30, 2004	10	Water Contact Acceptable
	August 23, 2004	6	Water Contact Acceptable
	August 16, 2004	<1	Water Contact Acceptable
	August 9, 2004	3	Water Contact Acceptable
	August 2, 2004	<1	Water Contact Acceptable
	July 19, 2004	42	Water Contact Acceptable
North of boat landing			
	August 30, 2004	185	Water Contact Acceptable
	August 23, 2004	2	Water Contact Acceptable
	August 16, 2004	1	Water Contact Acceptable
	August 9, 2004	15	Water Contact Acceptable
	August 2, 2004	7	Water Contact Acceptable
	July 19, 2004	2	Water Contact Acceptable

Most Recent Water Quality Monitoring Results as of Wednesday, October 27, 2004, 3:39 PM

WLSSD Minnesota St. Louis River Access Point Monitoring

Water samples collected and analyzed, and advisories posted by the Western Lake Superior Sanitary District

Beach Name	Most Recent Date Monitored	Fecal Coliform Results (colonies/100 mL)	<i>E. coli</i> Results (colonies/100 mL)	Beach Status
St. Louis and Carlton County Access Points				
Dunlap Island Boat Landing – Site 336N	October 26, 2004	<2	4	Water Contact Acceptable
Scanlon Park	October 26, 2004	13	12	Water Contact Acceptable
River Inn	October 26, 2004	40	6	Water Contact Acceptable
DNR Trail	October 26, 2004	42	14	Water Contact Acceptable
Thomson Reservoir – Raft Landing Site	October 26, 2004	16	6	Water Contact Acceptable
Thomson Reservoir – UMD Outpost Landing Site	October 26, 2004	6	4	Water Contact Acceptable
Thomson Road Channel – Site 259	October 26, 2004	42	30	Water Contact Acceptable
Highway 210 Bridge Crossing	October 26, 2004	4	4	Water Contact Acceptable
Jay Cooke State Park Swinging Bridge Crossing – Site 248S	October 26, 2004	2	2	Water Contact Acceptable
Highway 23 Bridge Crossing – Site 191	October 26, 2004	54	16	Water Contact Acceptable
Oliver Bridge Crossing	October 26, 2004	24	24	Water Contact Acceptable
Midway River – Highway 61 Bridge Crossing	October 26, 2004	20	22	Water Contact Acceptable

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
St. Louis County Beaches						
Boy Scout Landing Beach (West Duluth)						
	September 13, 2004	64.1	31	15	Water Contact Acceptable	
	September 7, 2004	65.1	68*	25	Water Contact Acceptable	
	August 30, 2004	63.9	58	18	Water Contact Acceptable	
	August 23, 2004	65.1	9	6	Water Contact Acceptable	
	August 16, 2004	67.2	27	5	Water Contact Acceptable	
	August 9, 2004	70.8	89*	66	Water Contact Acceptable	
	August 2, 2004	72.5	22	15	Water Contact Acceptable	
	July 26, 2004	71.7	31	15	Water Contact Acceptable	
	July 19, 2004	73.9	50	46	Water Contact Acceptable	
	July 12, 2004	67.3	97	193	Water Contact Acceptable	
	July 6, 2004	64.7	30	21	Water Contact Acceptable	
	June 28, 2004	62.5	19	5	Water Contact Acceptable	
	June 21, 2004	65.8	51	11	Water Contact Acceptable	
	June 14, 2004	65	28	10	Water Contact Acceptable	
	June 7, 2004	62.4	1	16	Water Contact Acceptable	
	June 1, 2004	46.2	15	41	Water Contact Acceptable	
	May 24, 2004	49.0	1	9	Water Contact Acceptable	
Clyde Avenue Boat Landing Beach (West Duluth, at end of Clyde Avenue)						
	September 13, 2004	62.4	33	17	Water Contact Acceptable	
	September 7, 2004	64.7	10	6	Water Contact Acceptable	
	August 30, 2004	63.1	31	19	Water Contact Acceptable	
	August 23, 2004	62.6	5	13	Water Contact Acceptable	
	August 16, 2004	67.6	50	21	Water Contact Acceptable	
	August 10, 2004	69.5	30	60	Water Contact Acceptable	
	August 9, 2004	70.8	150*	125	Water Contact Acceptable	
	August 2, 2004	72.1	45	59	Water Contact Acceptable	
	July 26, 2004	71.5	69	33	Water Contact Acceptable	
	July 19, 2004	75	46	75	Water Contact Acceptable	
	July 12, 2004	68.7	112	126	Water Contact Acceptable	
	July 6, 2004	61.7	89	73	Water Contact Acceptable	
	June 28, 2004	63.7	14	8	Water Contact Acceptable	
	June 21, 2004	65.9	19	10	Water Contact Acceptable	
	June 14, 2004	64.8	21	12	Water Contact Acceptable	
	June 7, 2004	59.6	1	17	Water Contact Acceptable	
	June 1, 2004	49	55	87	Water Contact Acceptable	
	May 24, 2004	48.5	4	18	Water Contact Acceptable	
Park Point Beach House (Duluth, Park Point facing Lake Superior)						
	October 25, 2004	49.2	2	2	Water Contact Acceptable	
	October 18, 2004	46.9	1	<1	Water Contact Acceptable	
	October 11, 2004	53.0	1	<1	Water Contact Acceptable	
	October 4, 2004	44.2	<1	<1	Water Contact Acceptable	
	September 27, 2004	58.8	14	3	Water Contact Acceptable	
	September 20, 2004	58.2	16	7	Water Contact Acceptable	
	September 16, 2004	54.9	194	133	Water Contact Acceptable	
	September 13, 2004	57.7	29	7	Water Contact Acceptable	
	September 9, 2004	55.9	162	99	Water Contact Acceptable	
	September 7, 2004	56.2	15	10	Water Contact Acceptable	
	September 2, 2004	55.2	19	23	Water Contact Acceptable	
	August 30, 2004	56	18	11	Water Contact Acceptable	
	August 26, 2004	55.1	4	5	Water Contact Acceptable	
	August 23, 2004	49	161	174	Water Contact Acceptable	
	August 19, 2004	48.1	78	70	Water Contact Acceptable	
	August 16, 2004	57.1	23	14	Water Contact Acceptable	
	August 12, 2004	61.6	18	14	Water Contact Acceptable	
	August 9, 2004	66.7	26	24	Water Contact Acceptable	
	August 5, 2004	67	<1	32	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	August 2, 2004	65.6	14	3	Water Contact Acceptable	
	July 29, 2004	58	6	2	Water Contact Acceptable	
	July 26, 2004	62.4	2	7	Water Contact Acceptable	
	July 22, 2004	63.5	64	39	Water Contact Acceptable	
	July 19, 2004	67.4	1	1	Water Contact Acceptable	
	July 15, 2004	58.2	6	7	Water Contact Acceptable	
	July 12, 2004	61.8	28	6	Water Contact Acceptable	
	July 8, 2004	55.3	18	12	Water Contact Acceptable	
	July 6, 2004	56	30	24	Water Contact Acceptable	
	July 1, 2004	50.9	13	15	Water Contact Acceptable	
	June 28, 2004	56.5	0	0	Water Contact Acceptable	
	June 24, 2004	46.7	2	1	Water Contact Acceptable	
	June 21, 2004	53.1	5	10	Water Contact Acceptable	
	June 17, 2004	57.1	3	3	Water Contact Acceptable	
	June 14, 2004	52	1	2	Water Contact Acceptable	
	June 10, 2004	51.3	5	16	Water Contact Acceptable	
	June 7, 2004	53.7	24	61	Water Contact Acceptable	
	June 3, 2004	53.4	0	10	Water Contact Acceptable	
	June 1, 2004	43	7	9	Water Contact Acceptable	
	May 27, 2004	45.4	48*	12	Water Contact Acceptable	
	May 24, 2004	43.6	2	9	Water Contact Acceptable	
	May 17, 2004		3	2	Water Contact Acceptable	
	May 10, 2004	45.1	0	0	Water Contact Acceptable	
	May 3, 2004	45.5	0	0	Water Contact Acceptable	
Park Point Sky Harbor Parking Lot Beach (Duluth, South of Park Point soccer fields facing harbor)						
	October 25, 2004	48.8	45	23	Water Contact Acceptable	
	October 18, 2004	46.1	5	2	Water Contact Acceptable	
	October 11, 2004	54.7	14	14	Water Contact Acceptable	
	October 4, 2004	48.1	35	8	Water Contact Acceptable	
	September 27, 2004	64.2	8	5	Water Contact Acceptable	
	September 20, 2004	59.5	25	12	Water Contact Acceptable	
	September 16, 2004	55.7	141	267	Water Contact Acceptable	
	September 13, 2004	60.1	16	7	Water Contact Acceptable	
	September 9, 2004	60.3	14	27	Water Contact Acceptable	
	September 7, 2004	61.1	49	55	Water Contact Acceptable	
	September 2, 2004	58.1	<1	3	Water Contact Acceptable	
	August 30, 2004	58.8	45*	7	Water Contact Acceptable	
	August 26, 2004	59	3	4	Water Contact Acceptable	
	August 23, 2004	60.5	13*	4	Water Contact Acceptable	
	August 19, 2004	59.5	26	58	Water Contact Acceptable	
	August 16, 2004	66.2	9	10	Water Contact Acceptable	
	August 12, 2004	62.1	11	10	Water Contact Acceptable	
	August 9, 2004	65.8	53	38	Water Contact Acceptable	
	August 5, 2004	67.5	2	12	Water Contact Acceptable	
	August 2, 2004	71.3	52*	100	Water Contact Acceptable	
	July 29, 2004	71.3	95	205	Water Contact Acceptable	
	July 26, 2004	69.8	56	26	Water Contact Acceptable	
	July 22, 2004	70.2	69	62	Water Contact Acceptable	
	July 19, 2004	72.2	113	58	Water Contact Acceptable	
	July 15, 2004	67.8	62	59	Water Contact Acceptable	
	July 12, 2004	65.3	57	39	Water Contact Acceptable	
	July 8, 2004	63.6	30	13	Water Contact Acceptable	
	July 6, 2004	58.1	16	18	Water Contact Acceptable	
	July 1, 2004	63.1	14	18	Water Contact Acceptable	
	June 28, 2004	62.4	11	20	Water Contact Acceptable	
	June 24, 2004	54.4	33*	75	Water Contact Acceptable	
	June 21, 2004	65.6	19	21	Water Contact Acceptable	
	June 17, 2004	63	6	3	Water Contact Acceptable	
	June 14, 2004	64	13*	36	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	June 10, 2004	56	4	9	Water Contact Acceptable	
	June 7, 2004	57.3	29	60	Water Contact Acceptable	
	June 1, 2004	47.2	13	33	Water Contact Acceptable	
	May 27, 2004	53.4	13	23	Water Contact Acceptable	
	May 24, 2004	46.4	2	24	Water Contact Acceptable	
	May 17, 2004	45.1	33	36	Water Contact Acceptable	
	May 10, 2004	50.3	113*		Water Contact Acceptable	
	May 3, 2004	51.4	3	2	Water Contact Acceptable	
Park Point Southworth Marsh Beach (Duluth, Park Point facing Harbor)						
	October 25, 2004	49.9	228	216	Water Contact Acceptable	
	October 18, 2004	47.3	6	7	Water Contact Not Recommended	5-sample average exceeds limits
	October 11, 2004	54.2	>500	>850	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	October 4, 2004	45.5	89	44	Water Contact Acceptable	
	September 27, 2004	64.9	59*	111	Water Contact Not Recommended	
	September 20, 2004	59.9	54	20	Water Contact Not Recommended	5-sample average exceeds limits
	September 16, 2004	54.1	99*	>400	Water Contact Not Recommended	Fecal Coliform over 400 cfu
	September 13, 2004	60.3	259	207	Water Contact Not Recommended	E. coli over 235 cfu
	September 9, 2004	60.1	82	83	Water Contact Acceptable	
	September 7, 2004	59.3	151*	351	Water Contact Acceptable	
	September 2, 2004	58.5	59	51	Water Contact Acceptable	
	August 30, 2004	58.8	62	48	Water Contact Acceptable	
	August 26, 2004	60.1	74*	119	Water Contact Not Recommended	
	August 24, 2004	57.9	120	60	Water Contact Not Recommended	
	August 23, 2004	59.4	79*	73	Water Contact Not Recommended	
	August 19, 2004	53.9	16	363	Water Contact Not Recommended	5-sample average exceeds limits
	August 18, 2004	66.9	120	60	Water Contact Not Recommended	5-sample average exceeds limits
	August 17, 2004	66	20	20	Water Contact Not Recommended	5-sample average exceeds limits
	August 16, 2004	66.1	49	34	Water Contact Not Recommended	5-sample average exceeds limits
	August 12, 2004	59.1	100	150	Water Contact Not Recommended	5-sample average exceeds limits
	August 11, 2004	60.3	630	740	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 10, 2004	64.5	820	720	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 9, 2004	68.5	500	350	Water Contact Not Recommended	E. coli over 235 cfu
	August 5, 2004	67.1	20	40	Water Contact Not Recommended	5-sample average exceeds limits
	August 3, 2004	74.2	90	180	Water Contact Not Recommended	5-sample average exceeds limits
	August 2, 2004	72.3	490	290	Water Contact Not Recommended	E. coli over 235 cfu
	July 29, 2004	70.1	350	12	Water Contact Not Recommended	E. coli over 235 cfu
	July 28, 2004	75.7	2,670	880	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 27, 2004	77.5	110	110	Water Contact Not Recommended	5-sample average exceeds limits
	July 26, 2004	69.3	430	200	Water Contact Not Recommended	E. coli over 235 cfu
	July 22, 2004	67.8	246	298	Water Contact Not Recommended	E. coli over 235 cfu
	July 21, 2004	73.5	500	290	Water Contact Not Recommended	E. coli over 235 cfu
	July 20, 2004	73.5	150	50	Water Contact Not Recommended	5-sample average exceeds limits
	July 19, 2004	71.9	950	1,580	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 15, 2004	68.1	220	400	Water Contact Not Recommended	Fecal Coliform over 400 cfu
	July 14, 2004	75.1	160	230	Water Contact Not Recommended	5-sample average exceeds limits
	July 13, 2004	69.5	500	690	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 12, 2004	66.2	550	1,350	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 8, 2004	62.6	103	84	Water Contact Not Recommended	5-sample average exceeds limits
	July 7, 2004	58.2	68*	100	Water Contact Acceptable	
	July 6, 2004	58.1	398	>500	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 1, 2004	63.4	63	191	Water Contact Acceptable	
	June 28, 2004	62.3	85	132	Water Contact Acceptable	
	June 24, 2004	53.5	30*	62	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	June 21, 2004	62.9	60*	347	Water Contact Acceptable	
	June 17, 2004	62.6	49	55	Water Contact Acceptable	
	June 14, 2004	64	48*	5*	Water Contact Acceptable	
	June 10, 2004	57.5	83	151	Water Contact Acceptable	
	June 7, 2004	56.7	109	290	Water Contact Acceptable	
	June 3, 2004	53	50	470	Water Contact Not Recommended	Fecal Coliform over 400 cfu
	June 1, 2004	47	28	69	Water Contact Acceptable	
	May 27, 2004	55.4	32	77	Water Contact Acceptable	
	May 24, 2004	46.7	44	93	Water Contact Acceptable	
	May 17, 2004		4	12	Water Contact Acceptable	
	May 10, 2004	50.6	134*	57	Water Contact Acceptable	
	May 3, 2004	52.7	0	6	Water Contact Acceptable	
Park Point Lafayette Community Club Beach (Duluth, Park Point facing Lake Superior)						
	October 25, 2004	49.4	<1	<1	Water Contact Acceptable	
	October 18, 2004	46.8	2	<1	Water Contact Acceptable	
	October 11, 2004	52.7	<1	<1	Water Contact Acceptable	
	October 4, 2004	44.4	3	<1	Water Contact Acceptable	
	September 27, 2004	58	58	49	Water Contact Acceptable	
	September 20, 2004	61.8	64	24	Water Contact Acceptable	
	September 16, 2004	54.1	266	153	Water Contact Not Recommended	E. coli over 235 cfu
	September 13, 2004	56.7	53*	36	Water Contact Acceptable	
	September 9, 2004	56.2	16	30	Water Contact Acceptable	
	September 7, 2004	56.3	4	3	Water Contact Acceptable	
	September 2, 2004	54.6	6	5	Water Contact Acceptable	
	August 30, 2004	55.1	37*	37	Water Contact Acceptable	
	August 26, 2004		9	4	Water Contact Acceptable	
	August 23, 2004	49.5	127	90	Water Contact Acceptable	
	August 19, 2004	46.4	1	4	Water Contact Acceptable	
	August 16, 2004	56	1	<1	Water Contact Acceptable	
	August 12, 2004	61.8	14	8	Water Contact Acceptable	
	August 9, 2004	67.2	26	16	Water Contact Acceptable	
	August 5, 2004	66.7	52	65	Water Contact Acceptable	
	August 2, 2004	64.1	27	16	Water Contact Acceptable	
	July 29, 2004	53.2	0	2	Water Contact Acceptable	
	July 26, 2004	62.6	7	4	Water Contact Acceptable	
	July 22, 2004	64	71	37	Water Contact Acceptable	
	July 19, 2004	64.6	<1	0	Water Contact Acceptable	
	July 15, 2004	61.1	0	1	Water Contact Acceptable	
	July 12, 2004	61.8	<1	2	Water Contact Acceptable	
	July 8, 2004	58.2	2	15	Water Contact Acceptable	
	July 6, 2004	55.3	31	32	Water Contact Acceptable	
	July 1, 2004	50.1	22	24	Water Contact Acceptable	
	June 28, 2004	48.3	2	0	Water Contact Acceptable	
	June 24, 2004	46.3	1	1	Water Contact Acceptable	
	June 21, 2004	51	2	4	Water Contact Acceptable	
	June 17, 2004	57.5	4	1	Water Contact Acceptable	
	June 14, 2004	50.8	6	6	Water Contact Acceptable	
	June 10, 2004	50.7	7	24	Water Contact Acceptable	
	June 7, 2004	53.4	6	53	Water Contact Acceptable	
	June 3, 2004	53.6	3	16	Water Contact Acceptable	
	June 1, 2004	43.8	0	6	Water Contact Acceptable	
	May 27, 2004	45.4	2	23	Water Contact Acceptable	
	May 24, 2004	43.8	1	6	Water Contact Acceptable	
	May 17, 2004	43.4	2	4	Water Contact Acceptable	
	May 10, 2004	45.2	1	3	Water Contact Acceptable	
	May 3, 2004		0	0	Water Contact Acceptable	
Park Point 20 th Street / Hearing Island Canal Beach (Duluth, Park Point facing Hearing Island canal at 20 th Street)						
	October 25, 2004	49.8	22	11	Water Contact Acceptable	
	October 18, 2004	48	13	3	Water Contact Not Recommended	5-sample average exceeds limits

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	October 11, 2004	54.2	240	169	Water Contact Not Recommended	5-sample average exceeds limits
	October 4, 2004	48.5	26	21	Water Contact Not Recommended	5-sample average exceeds limits
	September 27, 2004	62.9	313	196	Water Contact Not Recommended	E. coli over 235 cfu
	September 20, 2004	63.1	>500	>1,000	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	September 16, 2004	57.1	>400	>500	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	September 13, 2004	60.3	177	158	Water Contact Not Recommended	5- sample average exceeds limits
	September 9, 2004	59.5	190	260	Water Contact Not Recommended	5- sample average exceeds limits
	September 7, 2004	59.1	148	235	Water Contact Not Recommended	5- sample average exceeds limits
	September 2, 2004	57.2	150	286	Water Contact Not Recommended	5- sample average exceeds limits
	September 1, 2004	56.8	730	600	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 31, 2004	60.9	390	270	Water Contact Not Recommended	E. coli over 235 cfu
	August 30, 2004	59	261*	530	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 26, 2004	59	67*	176	Water Contact Not Recommended	5- sample average exceeds limits
	August 24, 2004	52.8	110	150	Water Contact Not Recommended	5- sample average exceeds limits
	August 23, 2004	54.1	42*	37	Water Contact Not Recommended	5-sample average exceeds limits
	August 19, 2004	55.7	174	306	Water Contact Not Recommended	5-sample average exceeds limits
	August 18, 2004	66.6	690	520	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 17, 2004	67.6	810	580	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 16, 2004	67.1	139	225	Water Contact Not Recommended	5-sample average exceeds limits
	August 12, 2004	64	20	20	Water Contact Not Recommended	5-sample average exceeds limits
	August 11, 2004	62	290	240	Water Contact Not Recommended	E. coli over 235 cfu
	August 10, 2004	63.4	710	490	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 9, 2004	68.4	1,600	1,020	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 5, 2004	65.3	536	700	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 3, 2004	69.2	40	20	Water Contact Not Recommended	5-sample average exceeds limits
	August 2, 2004	68.4	110	70	Water Contact Not Recommended	5-sample average exceeds limits
	July 29, 2004	70.3	450	340	Water Contact Not Recommended	E. coli over 235 cfu
	July 28, 2004	74.4	3,500	2,980	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 27, 2004	78.3	2,600	1,850	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 26, 2004	70.1	220	80	Water Contact Not Recommended	5-sample average exceeds limits
	July 22, 2004	65.7	140	36	Water Contact Not Recommended	5-sample average exceeds limits
	July 21, 2004	70.7	530	330	Water Contact Not Recommended	E. coli over 235 cfu
	July 20, 2004	67	140	50	Water Contact Not Recommended	5-sample average exceeds limits
	July 19, 2004	72	930	790	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 15, 2004	64.4	100	20	Water Contact Not Recommended	5-sample average exceeds limits
	July 14, 2004	73	90	40	Water Contact Not Recommended	5-sample average exceeds limits
	July 13, 2004	69.5	460	620	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 12, 2004	65.2	810	830	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 8, 2004	63.5	107*	246	Water Contact Not Recommended	5-sample average exceeds limits
	July 7, 2004	58.8	126	28	Water Contact Not Recommended	5-sample average exceeds limits
	July 6, 2004	56.7	98	111*	Water Contact Not Recommended	5-sample average exceeds limits
	July 1, 2004	59.5	130	180	Water Contact Not Recommended	5-sample average exceeds limits
	June 30, 2004	64.4	300	420	Water Contact Not Recommended	
	June 28, 2004		>600	>600	Water Contact Not Recommended	
	June 24, 2004	53.7	28*	82	Water Contact Acceptable	
	June 22, 2004	63.6	73	76	Water Contact Acceptable	
	June 21, 2004	63.8	177*	>500	Water Contact Not Recommended	Fecal Coliform over 400 cfu
	June 17, 2004	63.7	47	151	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	June 14, 2004	64.2	89*	133*	Water Contact Acceptable	
	June 10, 2004	58.5	30	66	Water Contact Acceptable	
	June 7, 2004	57	42	89	Water Contact Acceptable	
	June 3, 2004	54.6	94	118	Water Contact Acceptable	
	June 1, 2004	49.2	34	135	Water Contact Acceptable	
	May 27, 2004	53.6	26	69	Water Contact Acceptable	
	May 24, 2004	47.4	18	113	Water Contact Acceptable	
	May 17, 2004	45.6	45	131	Water Contact Acceptable	
	May 10, 2004	51.0	104*	51	Water Contact Acceptable	
	May 3, 2004	49.5	98	76	Water Contact Acceptable	
Park Point Franklin Park / 13 th Street South Beach (Duluth, Park Point at 13 th Street South facing Lake Superior)						
	October 25, 2004	48.7	3	<1	Water Contact Acceptable	
	October 18, 2004	47.1	7	3	Water Contact Acceptable	
	October 11, 2004	51.6	34	8	Water Contact Acceptable	
	October 4, 2004	39.9	10	8	Water Contact Acceptable	
	September 27, 2004	56.1	48	51	Water Contact Acceptable	
	September 20, 2004	61	28	8	Water Contact Acceptable	
	September 16, 2004	56.2	28	21	Water Contact Acceptable	
	September 13, 2004	57	26	27	Water Contact Acceptable	
	September 9, 2004	55.8	10	11	Water Contact Acceptable	
	September 7, 2004	54.7	2	3	Water Contact Acceptable	
	September 2, 2004	54.3	4	13	Water Contact Acceptable	
	August 30, 2004	56.2	13	14	Water Contact Acceptable	
	August 26, 2004	56.2	5	3	Water Contact Acceptable	
	August 23, 2004	48	115	105	Water Contact Acceptable	
	August 19, 2004	44.4	1	1	Water Contact Acceptable	
	August 16, 2004	55.5	2	2	Water Contact Acceptable	
	August 12, 2004	62.3	48	26	Water Contact Acceptable	
	August 9, 2004	67.2	25	22	Water Contact Acceptable	
	August 5, 2004	66.5	37	5	Water Contact Acceptable	
	August 2, 2004	64.9	47	26	Water Contact Acceptable	
	July 29, 2004	54.1	0	3	Water Contact Acceptable	
	July 26, 2004	64.6	12	11	Water Contact Acceptable	
	July 22, 2004	63.6	28	38	Water Contact Acceptable	
	July 19, 2004	64.1	1	4	Water Contact Acceptable	
	July 15, 2004	61.3	13	9	Water Contact Acceptable	
	July 12, 2004	62	2	1	Water Contact Acceptable	
	July 8, 2004	58.5	1	<1	Water Contact Acceptable	
	July 6, 2004	54.6	12	11	Water Contact Acceptable	
	July 1, 2004	47.5	59	43	Water Contact Acceptable	
	June 28, 2004		23	23	Water Contact Acceptable	
	June 24, 2004	45.8	2	0	Water Contact Acceptable	
	June 21, 2004	47.3	0	0	Water Contact Acceptable	
	June 17, 2004	56.9	19	23	Water Contact Acceptable	
	June 14, 2004	49	1	7	Water Contact Acceptable	
	June 10, 2004	49.2	9	4	Water Contact Acceptable	
	June 7, 2004	53	14	121	Water Contact Acceptable	
	June 3, 2004	54.1	14	25	Water Contact Acceptable	
	June 1, 2004	49	0	13	Water Contact Acceptable	
	May 27, 2004	46.7	10	5	Water Contact Acceptable	
	May 24, 2004		0	1	Water Contact Acceptable	
	May 17, 2004	45.2	1	1	Water Contact Acceptable	
	May 10, 2004	50.2	0	0	Water Contact Acceptable	
	May 3, 2004	47.9	7	4	Water Contact Acceptable	
Park Point New Duluth Boat Club / 14 th Street Beach (Duluth, Park Point between 13th and 14th Streets South, facing harbor)						
	October 25, 2004	49.4	19	13	Water Contact Acceptable	
	October 18, 2004	48.2	21	5	Water Contact Not Recommended	5-sample average exceeds limits
	October 11, 2004	53.3	43	34	Water Contact Not Recommended	5-sample average exceeds limits
	October 4, 2004	48.2	15	<1	Water Contact Not Recommended	5-sample average exceeds limits

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	September 27, 2004	63.3	124	85	Water Contact Not Recommended	5-sample average exceeds limits
	September 20, 2004	62.7	>500	>750	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	September 16, 2004	57.7	>400	>400	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	September 13, 2004	58.6	105*	123	Water Contact Acceptable	
	September 9, 2004	59.1	57	66	Water Contact Acceptable	
	September 7, 2004	59.8	88	93	Water Contact Acceptable	
	September 2, 2004	56.6	48	185	Water Contact Acceptable	
	August 30, 2004	58.4	47*	24	Water Contact Acceptable	
	August 26, 2004	59.6	36*	48	Water Contact Acceptable	
	August 23, 2004	54.5	16*	15	Water Contact Acceptable	
	August 19, 2004	56.5	21	15	Water Contact Acceptable	
	August 17, 2004	66.8	220	130	Water Contact Acceptable	
	August 16, 2004	65.7	138	99	Water Contact Acceptable	
	August 12, 2004	64	73	43	Water Contact Acceptable	
	August 11, 2004	64.1	30	180	Water Contact Not Recommended	
	August 10, 2004	65.2	110	30	Water Contact Not Recommended	
	August 9, 2004	68.9	130	100	Water Contact Not Recommended	5-sample average exceeds limits
	August 5, 2004	65.1	61	48	Water Contact Not Recommended	5-sample average exceeds limits
	August 3, 2004	67.8	20	10	Water Contact Not Recommended	5-sample average exceeds limits
	August 2, 2004	67.3	50	60	Water Contact Not Recommended	5-sample average exceeds limits
	July 29, 2004	70.5	420	240	Water Contact Not Recommended	E. coli over 235 cfu
	July 28, 2004	73.9	230	150	Water Contact Not Recommended	5-sample average exceeds limits
	July 27, 2004	78.2	180	190	Water Contact Not Recommended	5-sample average exceeds limits
	July 26, 2004	71.5	90	90	Water Contact Not Recommended	5-sample average exceeds limits
	July 22, 2004	66.8	12	6	Water Contact Not Recommended	5-sample average exceeds limits
	July 21, 2004	71	10	10	Water Contact Not Recommended	5-sample average exceeds limits
	July 20, 2004	68.2	200	130	Water Contact Not Recommended	5-sample average exceeds limits
	July 19, 2004	72.9	110	110	Water Contact Not Recommended	5-sample average exceeds limits
	July 15, 2004	70.0	990	720	Water Contact Not Recommended	5-sample average exceeds limits
	July 14, 2004	72.2	100	70	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 13, 2004	69.3	370	510	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 12, 2004	65.7	400	310	Water Contact Not Recommended	E. coli over 235 cfu
	July 8, 2004	63.2	>700	>700	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 6, 2004	56.3	97*	101*	Water Contact Acceptable	
	July 1, 2004	57.8	188	231	Water Contact Acceptable	
	June 28, 2004		93	109	Water Contact Acceptable	
	June 24, 2004	55.4	24*	48	Water Contact Acceptable	
	June 21, 2004	63.8	64*	194	Water Contact Acceptable	
	June 17, 2004	62	63	216	Water Contact Acceptable	
	June 14, 2004	62.8	63*	137*	Water Contact Acceptable	
	June 10, 2004	56.4	42	134	Water Contact Acceptable	
	June 7, 2004	55	58*	169	Water Contact Acceptable	
	June 3, 2004	54.6	71	159	Water Contact Acceptable	
	June 1, 2004	44.6	27	113	Water Contact Acceptable	
	May 27, 2004	54.3	25	62	Water Contact Acceptable	
	May 24, 2004	49.5	3	30	Water Contact Acceptable	
	May 17, 2004	43.6	13	32	Water Contact Acceptable	
	May 10, 2004	44.5	47	51	Water Contact Acceptable	
	May 3, 2004	42.8	42	52	Water Contact Acceptable	
Lakewalk Beach (Duluth: Canal Park, adjacent to Lift Station, near Lake Place Park, facing Lake Superior)						
	October 25, 2004	48.3	63	23	Water Contact Acceptable	
	October 18, 2004	48	28	21	Water Contact Acceptable	
	October 11, 2004	52.1	8	3	Water Contact Acceptable	
	October 4, 2004	43.1	100	57	Water Contact Acceptable	
	September 27, 2004	55.2	80	43	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	September 20, 2004	58.4	5	<1	Water Contact Acceptable	
	September 16, 2004	56.2	131	102	Water Contact Acceptable	
	September 13, 2004	56.2	46*	40	Water Contact Acceptable	
	September 9, 2004	55.9	42	59	Water Contact Acceptable	
	September 7, 2004	53.1	28	28	Water Contact Acceptable	
	September 2, 2004	54.1	26	16	Water Contact Acceptable	
	August 30, 2004	55.4	5	2	Water Contact Acceptable	
	August 26, 2004	54.1	206	176	Water Contact Acceptable	
	August 23, 2004	46.2	224*	370	Water Contact Acceptable	
	August 19, 2004	44.4	87	31	Water Contact Acceptable	
	August 16, 2004	55	111	197	Water Contact Acceptable	
	August 12, 2004	60.3	10	21	Water Contact Acceptable	
	August 9, 2004	67.2	97	89	Water Contact Acceptable	
	August 5, 2004	67.5	16	13	Water Contact Acceptable	
	August 2, 2004	64.9	17	4	Water Contact Acceptable	
	July 29, 2004	53.4	12	22	Water Contact Acceptable	
	July 26, 2004	58.5	18	9	Water Contact Acceptable	
	July 22, 2004	60.1	51	22	Water Contact Acceptable	
	July 19, 2004	61.6	5	5	Water Contact Acceptable	
	July 15, 2004	59.5	5	1	Water Contact Acceptable	
	July 12, 2004	60.8	4	7	Water Contact Acceptable	
	July 8, 2004	59.6	7	6	Water Contact Acceptable	
	July 6, 2004	54.8	119	157	Water Contact Acceptable	
	July 1, 2004	48.4	15	6	Water Contact Acceptable	
	June 28, 2004	48.7	9	7	Water Contact Acceptable	
	June 24, 2004	45.1	8	3	Water Contact Acceptable	
	June 21, 2004	46.4	3	8	Water Contact Acceptable	
	June 17, 2004	53.9	7	2	Water Contact Acceptable	
	June 14, 2004	47	1	17	Water Contact Acceptable	
	June 10, 2004	48.3	22	25	Water Contact Acceptable	
	June 7, 2004	51	45	136	Water Contact Acceptable	
	June 3, 2004	50.6	0	0	Water Contact Acceptable	
	June 1, 2004	45	29	111	Water Contact Acceptable	
	May 27, 2004	44.4	8	2	Water Contact Acceptable	
	May 24, 2004	49.3	5	4	Water Contact Acceptable	
	May 17, 2004	44.8	82	173	Water Contact Acceptable	
	May 10, 2004	42.8	5	6	Water Contact Acceptable	
	May 3, 2004	42.4	0	1	Water Contact Acceptable	
Leif Erickson Park Beach (Duluth, in Leif Erickson Park behind stage)						
	September 13, 2004	56.6	32	28	Water Contact Acceptable	
	September 7, 2004	52.3	3	2	Water Contact Acceptable	
	August 30, 2004	55	7	7	Water Contact Acceptable	
	August 23, 2004	48.5	162	170	Water Contact Acceptable	
	August 16, 2004	55.1	3	2	Water Contact Acceptable	
	August 9, 2004	67.9	38	48	Water Contact Acceptable	
	August 2, 2004	65.1	4	2	Water Contact Acceptable	
	July 26, 2004	61	4	1	Water Contact Acceptable	
	July 22, 2004	59.5	2	1	Water Contact Acceptable	
	July 21, 2004	73.3	<10	10	Water Contact Acceptable	
	July 20, 2004	69.5	>400	>500	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	July 19, 2004	64.7	197	165	Water Contact Acceptable	
	July 12, 2004	59.3	19	33	Water Contact Acceptable	
	July 6, 2004	54.4	45	43	Water Contact Acceptable	
	June 28, 2004	46.2	0	0	Water Contact Acceptable	
	June 21, 2004	46.9	1	0	Water Contact Acceptable	
	June 14, 2004	49	7	8*	Water Contact Acceptable	
	June 7, 2004	52	12	34	Water Contact Acceptable	
	June 1, 2004	45.9	14	75	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	May 24, 2004	52.3	1	22	Water Contact Acceptable	
Lakewalk East / 16 th Avenue East Beach (Duluth, on Lakewalk at 16 th Avenue East, at bottom of foot bridge)						
	September 13, 2004	56.2	12	3	Water Contact Acceptable	
	September 7, 2004	52.2	1	2	Water Contact Acceptable	
	August 30, 2004	55.7	14	16	Water Contact Acceptable	
	August 23, 2004	48.6	94	62	Water Contact Acceptable	
	August 16, 2004	55.4	5	2	Water Contact Acceptable	
42 nd Avenue East Beach (Duluth, at 42 nd Avenue East)						
	September 13, 2004	56.1	27	20	Water Contact Acceptable	
	September 7, 2004	53.4	31	19	Water Contact Acceptable	
	August 30, 2004	53.6	<1	2	Water Contact Acceptable	
	August 23, 2004	48.3	150	159	Water Contact Acceptable	
	August 16, 2004	54.8	1	1	Water Contact Acceptable	
	August 9, 2004	67.5	52	32	Water Contact Acceptable	
	August 2, 2004	67	3	6	Water Contact Acceptable	
	July 26, 2004	56.8	1	<1	Water Contact Acceptable	
	July 19, 2004	59.8	<1	5	Water Contact Acceptable	
	July 12, 2004	59.8	23	28*	Water Contact Acceptable	
	July 6, 2004	53.7	161	248	Water Contact Acceptable	
	June 28, 2004	47.5	0	0	Water Contact Acceptable	
	June 21, 2004	47.2	0	0	Water Contact Acceptable	
	June 14, 2004	45.1	0	1	Water Contact Acceptable	
	June 7, 2004	49	6	19	Water Contact Acceptable	
	June 1, 2004	46	41	54	Water Contact Acceptable	
	May 24, 2004	51.4	0	0	Water Contact Acceptable	
Lester River Beach (Duluth, at mouth of the Lester River)						
	September 13, 2004	56.7	17	10	Water Contact Acceptable	
	September 7, 2004	50.5	9	10	Water Contact Acceptable	
	August 30, 2004	53.8	3	6	Water Contact Acceptable	
	August 23, 2004	44.7	43*	50	Water Contact Acceptable	
	August 16, 2004	55.5	2	4	Water Contact Acceptable	
	August 10, 2004	60.2	80	30	Water Contact Acceptable	
	August 9, 2004	68	364	373	Water Contact Not Recommended	E. coli over 235 cfu
	August 2, 2004	66.7	16	6	Water Contact Acceptable	
	July 26, 2004	59.5	6	6	Water Contact Acceptable	
	July 19, 2004	63.1	111	45	Water Contact Acceptable	
	July 12, 2004	57.4	16	10	Water Contact Acceptable	
	July 6, 2004	53.4	33*	62	Water Contact Acceptable	
	June 28, 2004	49.5	0	0	Water Contact Acceptable	
	June 21, 2004	48	0	2	Water Contact Acceptable	
	June 14, 2004	45.3	0	0	Water Contact Acceptable	
	June 7, 2004	50.3	13	21	Water Contact Acceptable	
	June 1, 2004	44	100	67	Water Contact Acceptable	
	May 24, 2004	44.3	0	0	Water Contact Acceptable	
Brighton Beach (Duluth, Northeast end of Brighton Beach Park)						
	October 25, 2004	48	25	10	Water Contact Acceptable	
	October 18, 2004	45.5	1	<1	Water Contact Acceptable	
	October 11, 2004	51.8	<1	<1	Water Contact Acceptable	
	October 4, 2004	43.8			Water Quality Data Not Available	
	September 27, 2004	53.6	4	1	Water Contact Acceptable	
	September 20, 2004	54.4	2	<1	Water Contact Acceptable	
	September 16, 2004	54.7	>700	>400	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	September 13, 2004	56.6	6*	3	Water Contact Acceptable	
	September 9, 2004	55.1	9	4	Water Contact Acceptable	
	September 7, 2004	49.1	1	<1	Water Contact Acceptable	
	September 2, 2004	52.8	11	2	Water Contact Acceptable	
	August 30, 2004	54	1	1	Water Contact Acceptable	
	August 26, 2004	51.6	4	2	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	August 23, 2004	44.8	17	20	Water Contact Acceptable	
	August 19, 2004	41.4	1	<1	Water Contact Acceptable	
	August 16, 2004	54.7	4	3	Water Contact Acceptable	
	August 12, 2004	52.8	3	4	Water Contact Acceptable	
	August 9, 2004	68	38	20	Water Contact Acceptable	
	August 5, 2004	67.2	6	3	Water Contact Acceptable	
	August 2, 2004	58.7	204	24	Water Contact Acceptable	
	July 29, 2004	51.8	23	11	Water Contact Acceptable	
	July 26, 2004	57.4	3	5	Water Contact Acceptable	
	July 22, 2004	59.5	24	24	Water Contact Acceptable	
	July 19, 2004	62	4	4	Water Contact Acceptable	
	July 15, 2004	56.1	2	2	Water Contact Acceptable	
	July 12, 2004	58	15	4	Water Contact Acceptable	
	July 8, 2004	53.9	2	1	Water Contact Acceptable	
	July 6, 2004	52.7	61	63	Water Contact Acceptable	
	July 1, 2004	48.6	1	1	Water Contact Acceptable	
	June 28, 2004	50	0	0	Water Contact Acceptable	
	June 24, 2004	44.5	0	1	Water Contact Acceptable	
	June 21, 2004	45.9	0	0	Water Contact Acceptable	
	June 17, 2004	47.2	0	0	Water Contact Acceptable	
	June 14, 2004	49	0	0	Water Contact Acceptable	
	June 10, 2004	44.1	0	0	Water Contact Acceptable	
	June 7, 2004	47	6	52	Water Contact Acceptable	
	June 3, 2004	50.4	2	2	Water Contact Acceptable	
	June 1, 2004	44	76	137	Water Contact Acceptable	
	May 27, 2004	44.5	0	0	Water Contact Acceptable	
	May 24, 2004		0		Water Contact Acceptable	
French River Beach (North of Duluth city limits, at mouth of French River)						
	September 13, 2004	56.5	7	5	Water Contact Acceptable	
	September 7, 2004	46.2	2	1	Water Contact Acceptable	
	August 30, 2004	58.2	3	4	Water Contact Acceptable	
	August 23, 2004	44.6	2	1	Water Contact Acceptable	
	August 16, 2004	57.8	14	10	Water Contact Acceptable	
	August 10, 2004	48	<10	10	Water Contact Acceptable	
	August 9, 2004	65.6	>1,000	>700	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 2, 2004	51.3	<1	1	Water Contact Acceptable	
	July 26, 2004	62	17	9	Water Contact Acceptable	
	July 19, 2004	65.1	<1	2	Water Contact Acceptable	
	July 12, 2004	59.4	6	9	Water Contact Acceptable	
	July 6, 2004	50.7	6*	18	Water Contact Acceptable	
	June 28, 2004	49.2	15	20	Water Contact Acceptable	
	June 21, 2004	50.6	218	233	Water Contact Acceptable	
	June 14, 2004	46	3	4	Water Contact Acceptable	
	June 7, 2004	47.8	6	9	Water Contact Acceptable	
	June 1, 2004	45	20	45	Water Contact Acceptable	
	May 24, 2004	50	0	7	Water Contact Acceptable	
Bluebird Landing Beach (North of Duluth city limits)						
	September 13, 2004	56.7	5	5	Water Contact Acceptable	
	September 8, 2004	46.4	16	11	Water Contact Acceptable	
	September 7, 2004	46.5	>500	>500	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 30, 2004	54.9	<1	1	Water Contact Acceptable	
	August 23, 2004	44.4	11*	5	Water Contact Acceptable	
	August 16, 2004	56.2	1	<1	Water Contact Acceptable	
	August 10, 2004	49.8	<10	<10	Water Contact Acceptable	
	August 9, 2004	68	>1,000	>700	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 2, 2004	59	<1	<1	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	July 26, 2004	60	<1	<1	Water Contact Acceptable	
	July 19, 2004	66.7	<1	1	Water Contact Acceptable	
	July 12, 2004	59.2	6	38	Water Contact Acceptable	
	July 6, 2004	50.2	24*	15	Water Contact Acceptable	
	June 28, 2004	49	0	0	Water Contact Acceptable	
	June 21, 2004	49.3	0	0	Water Contact Acceptable	
	June 14, 2004	55	14	101	Water Contact Acceptable	
	June 7, 2004	52.2	22	11	Water Contact Acceptable	
	June 1, 2004	44.2	5	15	Water Contact Acceptable	
	May 24, 2004	49	0	1	Water Contact Acceptable	
Stony Point Beach (North of Duluth city limits, at Northeast end of Stony Point Road)						
	September 13, 2004	55.4	<1	1	Water Contact Acceptable	
	September 7, 2004	48.7	10	2	Water Contact Acceptable	
	August 30, 2004	53.2	1	10	Water Contact Acceptable	
	August 23, 2004	42.8	<1	7	Water Contact Acceptable	
	August 16, 2004	54.8	28	7	Water Contact Acceptable	
	August 9, 2004	67.4	88	51	Water Contact Acceptable	
	August 2, 2004	49.5	1	3	Water Contact Acceptable	
	July 26, 2004	50.6	3	2	Water Contact Acceptable	
	July 19, 2004	67.5	<1	1	Water Contact Acceptable	
	July 12, 2004	57	8	<1	Water Contact Acceptable	
	July 6, 2004	48.5	3	5	Water Contact Acceptable	
	June 28, 2004	46.4	2	0	Water Contact Acceptable	
	June 21, 2004	46.3	1	0	Water Contact Acceptable	
	June 14, 2004	45.7	0	0	Water Contact Acceptable	
	June 7, 2004		1	1	Water Contact Acceptable	
	June 1, 2004		0	5	Water Contact Acceptable	
	May 24, 2004	47	0	0	Water Contact Acceptable	

Lake County Beaches

Knife River Marina Beach (south of Two Harbors)

	September 13, 2004	56.5	3	2	Water Contact Acceptable	
	September 7, 2004	46	<1	<1	Water Contact Acceptable	
	August 30, 2004	54	5	3	Water Contact Acceptable	
	August 23, 2004	53	47	54	Water Contact Acceptable	
	August 16, 2004	57	4	3	Water Contact Acceptable	
	August 9, 2004	61	3	3	Water Contact Acceptable	
	August 2, 2004	45	1	<1	Water Contact Acceptable	
	July 26, 2004	47.2	1	1	Water Contact Acceptable	
	July 19, 2004	59	1	1	Water Contact Acceptable	
	July 12, 2004	52.6	<1	<1	Water Contact Acceptable	
	July 6, 2004	48.2	15	16	Water Contact Acceptable	
	July 3, 2004				Water Contact Not Recommended	Precautionary advisory - Partially treated sanitary sewer release
	June 28, 2004	45.4	0	1	Water Contact Acceptable	
	June 21, 2004	46.5	0	0	Water Contact Acceptable	
	June 14, 2004		0	0	Water Contact Acceptable	
	June 7, 2004		6	24	Water Contact Acceptable	
	June 1, 2004		51	54	Water Contact Acceptable	
	May 24, 2004	40.3	1	8	Water Contact Acceptable	

Burlington Bay Beach (Two Harbors)

	October 25, 2004	44.7	2	1	Water Contact Acceptable	
	October 18, 2004	41.3	213	125	Water Contact Acceptable	
	October 11, 2004	43.3	7	10	Water Contact Acceptable	
	October 4, 2004	43.1	10	12	Water Contact Acceptable	
	September 27, 2004	54.9	177	196	Water Contact Acceptable	
	September 20, 2004	54.1	1	2	Water Contact Acceptable	
	September 13, 2004	54.8	16	12	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	September 7, 2004	45.9	7	4	Water Contact Acceptable	
	August 30, 2004	52	6	2	Water Contact Acceptable	
	August 24, 2004	43.7	10	30	Water Contact Acceptable	
	August 23, 2004		>400	>400	Water Contact Not Recommended	E. Coli over 235 cfu, Fecal Coliform over 400 cfu
	August 16, 2004	58	39	22	Water Contact Acceptable	
	August 12, 2004	57	22	26	Water Contact Acceptable	
	August 11, 2004	58.4	160	130	Water Contact Acceptable	
	August 10, 2004	58.8	200	70	Water Contact Acceptable	
	August 9, 2004	64	>400	>600	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	August 2, 2004	47	32	12	Water Contact Acceptable	
	July 26, 2004	51.6	7	5	Water Contact Acceptable	
	July 19, 2004	60.7	3	2	Water Contact Acceptable	
	July 12, 2004	53.2	25	36	Water Contact Acceptable	
	July 6, 2004	47.1	99	86	Water Contact Acceptable	
	June 28, 2004	43.3	52	22	Water Contact Acceptable	
	June 21, 2004	47.2	9	6	Water Contact Acceptable	
	June 14, 2004		9	9	Water Contact Acceptable	
	June 7, 2004	45	100	168	Water Contact Acceptable	
	June 1, 2004	65	10	9	Water Contact Acceptable	
	May 24, 2004	41.3	2	0	Water Contact Acceptable	
	May 18, 2004		10	13	Water Contact Acceptable	
	May 17, 2004	57.8	>500	>500	Water Contact Not Recommended	E. coli over 235 cfu, Fecal Coliform over 400 cfu
	May 10, 2004	57.2	3	2	Water Contact Acceptable	
	May 3, 2004	64.2	0	0	Water Contact Acceptable	
Flood Bay Beach (Two Harbors)						
	October 25, 2004	45.1	26	6	Water Contact Acceptable	
	October 18, 2004	41.5	66	8	Water Contact Acceptable	
	October 11, 2004	42.9	<1	<1	Water Contact Acceptable	
	October 4, 2004	41.3	9	1	Water Contact Acceptable	
	September 27, 2004	51.5	<1	<1	Water Contact Acceptable	
	September 20, 2004	52.7	<1	<1	Water Contact Acceptable	
	September 13, 2004	55.1	25	9	Water Contact Acceptable	
	September 7, 2004	47.2	2	<1	Water Contact Acceptable	
	August 30, 2004	51	2	<1	Water Contact Acceptable	
	August 23, 2004	43	112*	92	Water Contact Acceptable	
	August 17, 2004		20	<10	Water Contact Acceptable	
	August 16, 2004	55	399	35	Water Contact Not Recommended	E. coli over 235 cfu
	August 9, 2004	64	21	15	Water Contact Acceptable	
	August 2, 2004	45	2	<1	Water Contact Acceptable	
	July 26, 2004	50.1	1	2	Water Contact Acceptable	
	July 19, 2004	60.2	5	7	Water Contact Acceptable	
	July 12, 2004	52.4	2	<1	Water Contact Acceptable	
	July 6, 2004	48.3	52	24	Water Contact Acceptable	
	June 28, 2004	43	0	7	Water Contact Acceptable	
	June 21, 2004	46.2	0	0	Water Contact Acceptable	
	June 14, 2004		0	0	Water Contact Acceptable	
	June 7, 2004		7	16	Water Contact Acceptable	
	June 1, 2004		44	60	Water Contact Acceptable	
	May 24, 2004	40.8	2	5	Water Contact Acceptable	
	May 17, 2004	56.2	100*	50	Water Contact Acceptable	
	May 10, 2004	56.9	0	0	Water Contact Acceptable	
	May 3, 2004	49.9	0	0	Water Contact Acceptable	
Stewart River Beach (North of Two Harbors, at mouth of Stewart River, adjacent to Betty's Pies Roadside Park)						
	September 13, 2004	56.4	17	4	Water Contact Acceptable	
	September 7, 2004	59.5	114	56	Water Contact Acceptable	
	August 30, 2004	56	9	8	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	August 23, 2004	55	27	11	Water Contact Acceptable	
	August 16, 2004	58	11	3	Water Contact Acceptable	
	August 9, 2004	62	173	170	Water Contact Acceptable	
	August 2, 2004	54	6	4	Water Contact Acceptable	
	July 26, 2004	58	8	1	Water Contact Acceptable	
	July 19, 2004	63.5	71	39	Water Contact Acceptable	
	July 15, 2004	64.7	7	18	Water Contact Acceptable	
	July 14, 2004	67.2	16	21	Water Contact Acceptable	
	July 12, 2004	63	250	280	Water Contact Not Recommended	E. coli over 235 cfu
	July 6, 2004	55	65	82	Water Contact Acceptable	
	June 28, 2004	54.7	6	8	Water Contact Acceptable	
	June 21, 2004	57.5	12	34	Water Contact Acceptable	
	June 14, 2004		13	19	Water Contact Acceptable	
	June 7, 2004	45	3	5	Water Contact Acceptable	
	June 1, 2004				Water Quality Data Not Available	
	May 24, 2004	41.4	3	1	Water Contact Acceptable	
Gooseberry State Park Beach (North of Two Harbors, at the mouth of the Gooseberry River in Gooseberry State Park)						
	September 13, 2004	54.9	62	29	Water Contact Acceptable	
	September 9, 2004	59.7	43	41	Water Contact Acceptable	
	September 7, 2004	61	286	143	Water Contact Not Recommended	E. coli over 235 cfu
	August 30, 2004	56	4	5	Water Contact Acceptable	
	August 23, 2004	49	16	12	Water Contact Acceptable	
	August 16, 2004	60	13	7	Water Contact Acceptable	
	August 9, 2004	65	67	62	Water Contact Acceptable	
	August 2, 2004	44	3	<1	Water Contact Acceptable	
	July 26, 2004	52	8	6	Water Contact Acceptable	
	July 19, 2004	70.3	83	66	Water Contact Acceptable	
	July 12, 2004	67.7	155	200	Water Contact Acceptable	
	July 6, 2004	58	110	96	Water Contact Acceptable	
	June 28, 2004	44.1	43	34	Water Contact Acceptable	
	June 21, 2004	61.8	43	34	Water Contact Acceptable	
	June 14, 2004		14	17	Water Contact Acceptable	
	June 7, 2004	44	15	16	Water Contact Acceptable	
	June 1, 2004				Water Quality Data Not Available	
	May 24, 2004	41.0	7	7	Water Contact Acceptable	
Twin Points Public Access Beach (North of Two Harbors)						
	September 13, 2004	59	18	7	Water Contact Acceptable	
	September 7, 2004	52.7	111	35	Water Contact Acceptable	
	August 30, 2004	53	1	4	Water Contact Acceptable	
	August 23, 2004	44	2	6	Water Contact Acceptable	
	August 16, 2004	56	7	67	Water Contact Acceptable	
	August 9, 2004	62	9	15	Water Contact Acceptable	
	August 2, 2004	44	<1	2	Water Contact Acceptable	
	July 26, 2004	46	8	3	Water Contact Acceptable	
	July 19, 2004	59	23	9	Water Contact Acceptable	
	July 12, 2004	55.2	<1	1	Water Contact Acceptable	
	July 6, 2004	47	<1	<1	Water Contact Acceptable	
	June 28, 2004	62.2	0	0	Water Contact Acceptable	
	June 21, 2004	45	0	0	Water Contact Acceptable	
	June 14, 2004		1	2	Water Contact Acceptable	
	June 7, 2004		0	3	Water Contact Acceptable	
	June 1, 2004		7	29	Water Contact Acceptable	
	May 24, 2004	45.4	2	2	Water Contact Acceptable	
Split Rock River Beach (North of Two Harbors and South of Beaver Bay, at mouth of Split Rock River)						
	September 13, 2004	55	7	5	Water Contact Acceptable	
	September 7, 2004	47.6	5	2	Water Contact Acceptable	
	August 30, 2004	56	6	1	Water Contact Acceptable	
	August 23, 2004	43	2	1	Water Contact Acceptable	
	August 16, 2004	56	6	6	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	August 9, 2004	62	3	2	Water Contact Acceptable	
	August 2, 2004	44	2	1	Water Contact Acceptable	
	July 26, 2004	52	7	3	Water Contact Acceptable	
	July 19, 2004	58.5	1	4	Water Contact Acceptable	
	July 13, 2004	54.6	<10	<10	Water Contact Acceptable	
	July 12, 2004	62.3	331	331	Water Contact Not Recommended	E. coli over 235 cfu
	July 6, 2004	46.6	<1	<1	Water Contact Acceptable	
	June 28, 2004	44	0	1	Water Contact Acceptable	
	June 21, 2004	49	0	0	Water Contact Acceptable	
	June 14, 2004		5	14	Water Contact Acceptable	
	June 7, 2004		1	1	Water Contact Acceptable	
	June 1, 2004		31	30	Water Contact Acceptable	
	May 24, 2004	42.8	4	0	Water Contact Acceptable	
Split Rock State Park Beach (North of Two Harbors and South of Beaver Bay, in Split Rock State Park)						
	September 13, 2004	54.6	1	<1	Water Contact Acceptable	
	September 7, 2004	50	<1	1	Water Contact Acceptable	
	August 30, 2004	58	<1	<1	Water Contact Acceptable	
	August 23, 2004	43	5	<1	Water Contact Acceptable	
	August 16, 2004	54	1	1	Water Contact Acceptable	
	August 9, 2004	61	2	3	Water Contact Acceptable	
	August 2, 2004	46	<1	<1	Water Contact Acceptable	
	July 26, 2004	47	<1	1	Water Contact Acceptable	
	July 19, 2004	58	<1	<1	Water Contact Acceptable	
	July 12, 2004	58.9	<1	5	Water Contact Acceptable	
	July 6, 2004	47.2	2	1	Water Contact Acceptable	
	June 28, 2004	46	0	0	Water Contact Acceptable	
	June 21, 2004	49	2	0	Water Contact Acceptable	
	June 14, 2004		0	1	Water Contact Acceptable	
	June 7, 2004		0	0	Water Contact Acceptable	
	June 1, 2004				Water Quality Data Not Available	
	May 24, 2004	42.0	0	4	Water Contact Acceptable	
Silver Bay Marina Beach (Silver Bay)						
	September 13, 2004	57.4	1	2	Water Contact Acceptable	
	September 7, 2004	54	1	<1	Water Contact Acceptable	
	August 30, 2004	55	1	2	Water Contact Acceptable	
	August 23, 2004	44	1	<1	Water Contact Acceptable	
	August 16, 2004	59	3	<1	Water Contact Acceptable	
	August 9, 2004	60	20	18	Water Contact Acceptable	
	August 2, 2004	51	<1	<1	Water Contact Acceptable	
	July 26, 2004	57.2	1	1	Water Contact Acceptable	
	July 19, 2004	63	1	<1	Water Contact Acceptable	
	July 12, 2004	59.8	3	12	Water Contact Acceptable	
	July 6, 2004	48.5	1	<1	Water Contact Acceptable	
	June 28, 2004	54	0	0	Water Contact Acceptable	
	June 21, 2004	45.5	0	0	Water Contact Acceptable	
	June 14, 2004		1	2	Water Contact Acceptable	
	June 7, 2004		189	177	Water Contact Acceptable	
	June 1, 2004		12	13	Water Quality Data Not Available	
	May 24, 2004	50.3	0	0	Water Contact Acceptable	
Tettegouche State Park Beach (North of Silver Bay, in Tettegouche State Park)						
	September 13, 2004	56	2	2	Water Contact Acceptable	
	September 7, 2004	52	2	1	Water Contact Acceptable	
	August 30, 2004	53	<1	<1	Water Contact Acceptable	
	August 23, 2004	45	<1	26	Water Contact Acceptable	
	August 16, 2004	51	46	11	Water Contact Acceptable	
	August 9, 2004	62	20	11	Water Contact Acceptable	
	August 2, 2004	46	<1	<1	Water Contact Acceptable	
	July 26, 2004	47	50	18	Water Contact Acceptable	
	July 19, 2004	59	<1	<1	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	July 12, 2004	57.7	<1	<1	Water Contact Acceptable	
	July 6, 2004	48.3	1	1	Water Contact Acceptable	
	June 28, 2004	44.6	0	0	Water Contact Acceptable	
	June 21, 2004	46	0	0	Water Contact Acceptable	
	June 14, 2004		1	0	Water Contact Acceptable	
	June 7, 2004		29	38	Water Contact Acceptable	
	June 1, 2004				Water Quality Data Not Available	
	May 24, 2004	41.0	0	0	Water Contact Acceptable	

Cook County Beaches

Sugarloaf Cove Beach (South of Taconite Harbor)

	September 13, 2004		3	4	Water Contact Acceptable	
	September 7, 2004	59	<1	<1	Water Contact Acceptable	
	August 30, 2004	64	3	<1	Water Contact Acceptable	
	August 23, 2004	54	19	1	Water Contact Acceptable	
	August 16, 2004	62	<1	<1	Water Contact Acceptable	
	August 9, 2004	63	1	<1	Water Contact Acceptable	
	August 2, 2004	54	<1	1	Water Contact Acceptable	
	July 26, 2004	62	<1	<1	Water Contact Acceptable	
	July 19, 2004	64	<1	<1	Water Contact Acceptable	
	July 12, 2004	57	<1	<1	Water Contact Acceptable	
	July 6, 2004		7	8	Water Contact Acceptable	
	June 28, 2004	44	0	0	Water Contact Acceptable	
	June 21, 2004	45	0	0	Water Contact Acceptable	
	June 14, 2004	45	0	0	Water Contact Acceptable	
	June 7, 2004	52	1	1	Water Contact Acceptable	
	June 1, 2004	54			Water Quality Data Not Available	
	May 24, 2004		0	0	Water Contact Acceptable	

Schroeder Town Park Beach (Schroeder)

	September 13, 2004	64.5	6	10	Water Contact Acceptable	
	September 7, 2004	55	2	5	Water Contact Acceptable	
	August 30, 2004	60	22	32	Water Contact Acceptable	
	August 23, 2004	54	1	1	Water Contact Acceptable	
	August 16, 2004	53	<1	<1	Water Contact Acceptable	
	August 9, 2004	62	3	2	Water Contact Acceptable	
	August 2, 2004	48	<1	1	Water Contact Acceptable	
	July 26, 2004	55	3	3	Water Contact Acceptable	
	July 19, 2004	62	<1	<1	Water Contact Acceptable	
	July 12, 2004	56	1	<1	Water Contact Acceptable	
	July 6, 2004		<1	<1	Water Contact Acceptable	
	June 28, 2004	43.4	0	0	Water Contact Acceptable	
	June 21, 2004	45	0	0	Water Contact Acceptable	
	June 14, 2004	42	0	0	Water Contact Acceptable	
	June 7, 2004		19	18	Water Contact Acceptable	
	June 1, 2004	57			Water Quality Data Not Available	
	May 24, 2004		0	0	Water Contact Acceptable	

Temperance River State Park Beach (North of Schroeder, at Lower Campground of Temperance River State Park)

	September 13, 2004	64	3	4	Water Contact Acceptable	
	September 7, 2004	63	3	3	Water Contact Acceptable	
	August 30, 2004	64	19	8	Water Contact Acceptable	
	August 23, 2004	63	6	1	Water Contact Acceptable	
	August 16, 2004	56	5	2	Water Contact Acceptable	
	August 9, 2004	64	96	38	Water Contact Acceptable	
	August 2, 2004	63	11	7	Water Contact Acceptable	
	July 26, 2004	68	14	4	Water Contact Acceptable	
	July 19, 2004	65	13	9	Water Contact Acceptable	
	July 12, 2004	66	19	19	Water Contact Acceptable	
	July 6, 2004	48	7	8	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	June 28, 2004	55	9	8	Water Contact Acceptable	
	June 21, 2004	49	1	3	Water Contact Acceptable	
	June 14, 2004	60	5	15	Water Contact Acceptable	
	June 7, 2004	60	7	21	Water Contact Acceptable	
	June 1, 2004	54			Water Quality Data Not Available	
	May 24, 2004		9	37	Water Contact Acceptable	
Cutface Creek Wayside Rest Beach						
	September 13, 2004	64	5	<1	Water Contact Acceptable	
	September 7, 2004	57	5*	71	Water Contact Acceptable	
	August 30, 2004	57	4	2	Water Contact Acceptable	
	August 23, 2004	53	<1	1	Water Contact Acceptable	
	August 16, 2004	56	32	4	Water Contact Acceptable	
	August 9, 2004	62	4	5	Water Contact Acceptable	
	August 2, 2004	54	3	<1	Water Contact Acceptable	
	July 26, 2004	57	2	2	Water Contact Acceptable	
	July 19, 2004	54	<1	<1	Water Contact Acceptable	
	July 12, 2004	58	<1	4	Water Contact Acceptable	
	July 6, 2004	49	1	1	Water Contact Acceptable	
	June 28, 2004	44.7	0	0	Water Contact Acceptable	
	June 21, 2004	45	0	0	Water Contact Acceptable	
	June 14, 2004	47	0	1	Water Contact Acceptable	
	June 7, 2004	52	1	1	Water Contact Acceptable	
	June 1, 2004	53			Water Quality Data Not Available	
	May 24, 2004		0	0	Water Contact Acceptable	
Grand Marais Campground Beach (Grand Marais, in Campground)						
	October 25, 2004	48	39	18	Water Contact Acceptable	
	October 18, 2004	46	3	1	Water Contact Acceptable	
	October 11, 2004	43	21	15	Water Contact Acceptable	
	October 4, 2004		3	4	Water Contact Acceptable	
	September 27, 2004	63	173	46	Water Contact Acceptable	
	September 20, 2004	54	27	12	Water Contact Acceptable	
	September 13, 2004	64	57	40	Water Contact Acceptable	
	September 7, 2004	57	26	10	Water Contact Acceptable	
	August 31, 2004		10	<10	Water Contact Acceptable	
	August 30, 2004	60	341	339	Water Contact Not Recommended	E. coli over 235 cfu
	August 23, 2004	57	1	1	Water Contact Acceptable	
	August 16, 2004	56	5	9	Water Contact Acceptable	
	August 9, 2004	63	179	10	Water Contact Acceptable	
	August 2, 2004	63	10	5	Water Contact Acceptable	
	July 26, 2004	57	4	2	Water Contact Acceptable	
	July 19, 2004	51	<1	<1	Water Contact Acceptable	
	July 12, 2004	56	8	12	Water Contact Acceptable	
	July 6, 2004	51	4	9	Water Contact Acceptable	
	June 28, 2004	44	0	0	Water Contact Acceptable	
	June 21, 2004	45	1	3	Water Contact Acceptable	
	June 14, 2004	45	1	0	Water Contact Acceptable	
	June 7, 2004	56	35	42	Water Contact Acceptable	
	June 1, 2004	55			Water Quality Data Not Available	
	May 24, 2004		3	2	Water Contact Acceptable	
	May 17, 2004	44.4	12	14	Water Contact Acceptable	
	May 10, 2004	42	1	0	Water Contact Acceptable	
	May 3, 2004	39	0	0	Water Contact Acceptable	
Grand Marais Downtown Beach (Grand Marais, downtown)						
	October 25, 2004	47	13	3	Water Contact Acceptable	
	October 18, 2004	47	<1	<1	Water Contact Acceptable	
	October 11, 2004	40	4	2	Water Contact Acceptable	
	October 4, 2004		4	3	Water Contact Acceptable	
	September 27, 2004	63	16	15	Water Contact Acceptable	
	September 20, 2004	54	42	17	Water Contact Acceptable	

2004 Water Quality Monitoring Results

Minnesota Lake Superior Beach Monitoring Program

Water samples collected and advisories posted by the Minnesota Pollution Control Agency, Lake County, and Cook County

Beach Name	Monitoring Date	Water Temperature (degrees F)	Daily Results (colonies/100 mL water)		Beach Status	Status Reason
			E. coli	Fecal Coliform		
	September 13, 2004	63	3	1	Water Contact Acceptable	
	September 7, 2004	58	24	14	Water Contact Acceptable	
	August 30, 2004	57	22	13	Water Contact Acceptable	
	August 23, 2004	53	1	<1	Water Contact Acceptable	
	August 16, 2004	56	22	45	Water Contact Acceptable	
	August 9, 2004	60	50	45	Water Contact Acceptable	
	August 2, 2004	55	14	4	Water Contact Acceptable	
	July 26, 2004	60	33	11	Water Contact Acceptable	
	July 19, 2004	62	10	3	Water Contact Acceptable	
	July 12, 2004	56	<2	1	Water Contact Acceptable	
	July 6, 2004	48	18	15	Water Contact Acceptable	
	June 28, 2004	50.6	7	23	Water Contact Acceptable	
	June 21, 2004	54	2	9	Water Contact Acceptable	
	June 14, 2004	44	0	0	Water Contact Acceptable	
	June 7, 2004	60	22	54	Water Contact Acceptable	
	June 1, 2004	54			Water Quality Data Not Available	
	May 24, 2004		3	4	Water Contact Acceptable	
Paradise Beach						
	September 13, 2004	63	1	2	Water Contact Acceptable	
	September 7, 2004	54	3	2	Water Contact Acceptable	
	August 30, 2004	57	7	3	Water Contact Acceptable	
	August 23, 2004	53	1	3	Water Contact Acceptable	
	August 16, 2004	55	1	<1	Water Contact Acceptable	
	August 9, 2004	56	2	1	Water Contact Acceptable	
	August 2, 2004	56	5	<1	Water Contact Acceptable	
	July 26, 2004	56	<1	<1	Water Contact Acceptable	
	July 19, 2004	56	32	30	Water Contact Acceptable	
	July 12, 2004	58	2	4	Water Contact Acceptable	
	July 6, 2004	47	1	1	Water Contact Acceptable	
	June 28, 2004	45.6	0	0	Water Contact Acceptable	
	June 21, 2004	45	0	1	Water Contact Acceptable	
	June 14, 2004	47	0	0	Water Contact Acceptable	
	June 7, 2004	56	1	0	Water Contact Acceptable	
	June 1, 2004	53			Water Quality Data Not Available	
	May 24, 2004		19	14	Water Contact Acceptable	

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Beach Name	Monitoring Date	Fecal Coliform Results (colonies/100 mL water)	E. coli Results (colonies/100 mL water)	Beach Status
St. Louis and Carlton Counties				
Dunlap Island	Boat Landing - Site 336N (Cloquet, upstream of Highway 33 crossing)			
	October 26, 2004	<2	4	Water Contact Acceptable
	October 21, 2004	<2	8	Water Contact Acceptable
	October 14, 2004	12	12	Water Contact Acceptable
	October 5, 2004	<2	8	Water Contact Acceptable
	September 28, 2004	6	6	Water Contact Acceptable
	September 21, 2004	12	16	Water Contact Acceptable
	September 14, 2004	10	8	Water Contact Acceptable
	September 7, 2004	30	24	Water Contact Acceptable
	August 31, 2004	7	11	Water Contact Acceptable
	August 24, 2004	10	10	Water Contact Acceptable
	August 17, 2004	9	12	Water Contact Acceptable
	August 10, 2004	6	4	Water Contact Acceptable
	August 2, 2004	12	10	Water Contact Acceptable
	July 27, 2004	22	26	Water Contact Acceptable
	July 20, 2004	10	16	Water Contact Acceptable
	July 13, 2004	24	18	Water Contact Acceptable
	July 6, 2004	4	2	Water Contact Acceptable
	June 29, 2004	4	15	Water Contact Acceptable
	June 22, 2004	42	26	Water Contact Acceptable
	June 15, 2004	10	4	Water Contact Acceptable
	June 7, 2004	<10	10	Water Contact Acceptable
	June 3, 2004	150	130	Water Contact Acceptable
	June 1, 2004	320	330	Water Contact Not Recommended
	May 24, 2004	12	2	Water Contact Acceptable
	May 18, 2004	20	12	Water Contact Acceptable
	May 11, 2004	<2	4	Water Contact Acceptable
	May 4, 2004	2	<2	Water Contact Acceptable
	April 27, 2004	10	4	Water Contact Acceptable
	April 20, 2004	4	10	Water Contact Acceptable
	April 13, 2004	4	2	Water Contact Acceptable
Scanlon Park	(Scanlon, below St. Louis River Dam, above launch)			
	October 26, 2004	13	12	Water Contact Acceptable
	October 21, 2004	4	5	Water Contact Acceptable
	October 14, 2004	8	6	Water Contact Acceptable
	October 5, 2004	8	10	Water Contact Acceptable
	September 28, 2004	8	<2	Water Contact Acceptable
	September 21, 2004	10	20	Water Contact Acceptable
	September 14, 2004	12	12	Water Contact Acceptable
	September 7, 2004	48	44	Water Contact Acceptable
	August 31, 2004	10	36	Water Contact Acceptable
	August 24, 2004	42	58	Water Contact Acceptable
	August 17, 2004	36	48	Water Contact Acceptable
	August 10, 2004	50	50	Water Contact Acceptable
	August 2, 2004	58	32	Water Contact Acceptable
	July 27, 2004	34	28	Water Contact Acceptable
	July 20, 2004	36	50	Water Contact Acceptable
	July 13, 2004	230	230	Water Contact Acceptable
	July 6, 2004	54	63	Water Contact Acceptable
	June 29, 2004	8	60	Water Contact Acceptable
	June 22, 2004	12	6	Water Contact Acceptable
	June 15, 2004	4	6	Water Contact Acceptable
	June 7, 2004	20	10	Water Contact Acceptable
	June 3, 2004	120	90	Water Contact Acceptable
	June 1, 2004	380	300	Water Contact Not Recommended
	May 24, 2004	10	22	Water Contact Acceptable
	May 18, 2004	*	8	Water Contact Acceptable
	May 11, 2004	8	6	Water Contact Acceptable
	May 4, 2004	4	4	Water Contact Acceptable

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Beach Name	Monitoring Date	Fecal Coliform Results (colonies/100 mL water)	E. coli Results (colonies/100 mL water)	Beach Status
	April 27, 2004	8	6	Water Contact Acceptable
	April 20, 2004	3	6	Water Contact Acceptable
	April 13, 2004	8	2	Water Contact Acceptable
River Inn (Scanlon, below Old Highway 61 crossing, at raft launch site)				
	October 26, 2004	40	6	Water Contact Acceptable
	October 21, 2004	16	10	Water Contact Acceptable
	October 14, 2004	26	30	Water Contact Acceptable
	October 5, 2004	12	18	Water Contact Acceptable
	September 28, 2004	16	16	Water Contact Acceptable
	September 21, 2004	40	40	Water Contact Acceptable
	September 14, 2004	52	46	Water Contact Acceptable
	September 7, 2004	110	105	Water Contact Acceptable
	August 31, 2004	20	38	Water Contact Acceptable
	August 24, 2004	60	66	Water Contact Acceptable
	August 17, 2004	70	64	Water Contact Acceptable
	August 12, 2004	100	120	Water Contact Acceptable
	August 10, 2004	380	310	Water Contact Not Recommended
	August 2, 2004	76	86	Water Contact Acceptable
	July 27, 2004	102	92	Water Contact Acceptable
	July 20, 2004	98	116	Water Contact Acceptable
	July 16, 2004	38	52	Water Contact Acceptable
	July 13, 2004	268	252	Water Contact Not Recommended
	July 6, 2004	32	36	Water Contact Acceptable
	June 29, 2004	10	12	Water Contact Acceptable
	June 22, 2004	12	10	Water Contact Acceptable
	June 15, 2004	8	6	Water Contact Acceptable
	June 7, 2004	20	<10	Water Contact Acceptable
	June 3, 2004	180	170	Water Contact Acceptable
	June 1, 2004	300	260	Water Contact Not Recommended
	May 24, 2004	50	46	Water Contact Acceptable
	May 18, 2004	12	10	Water Contact Acceptable
	May 11, 2004	10	8	Water Contact Acceptable
	May 4, 2004	68	100	Water Contact Acceptable
	April 27, 2004	6	4	Water Contact Acceptable
	April 20, 2004	4	4	Water Contact Acceptable
	April 13, 2004	2	4	Water Contact Acceptable
DNR Trail (between Scanlon and Carlton, east side of Highway 45)				
	October 26, 2004	42	14	Water Contact Acceptable
	October 21, 2004	10	4	Water Contact Acceptable
	October 14, 2004	12	6	Water Contact Acceptable
	October 5, 2004	28	6	Water Contact Acceptable
	September 28, 2004	24	16	Water Contact Acceptable
	September 21, 2004	40	25	Water Contact Acceptable
	September 14, 2004	13	14	Water Contact Acceptable
	September 7, 2004	114	112	Water Contact Acceptable
	August 31, 2004	14	30	Water Contact Acceptable
	August 24, 2004	24	26	Water Contact Acceptable
	August 17, 2004	28	24	Water Contact Acceptable
	August 10, 2004	62	70	Water Contact Acceptable
	August 2, 2004	38	18	Water Contact Acceptable
	July 27, 2004	30	31	Water Contact Acceptable
	July 20, 2004	36	40	Water Contact Acceptable
	July 13, 2004	166	100	Water Contact Acceptable
	July 6, 2004	38	38	Water Contact Acceptable
	June 29, 2004	10	10	Water Contact Acceptable
	June 22, 2004	20	8	Water Contact Acceptable
	June 15, 2004	6	10	Water Contact Acceptable
	June 7, 2004	20	50	Water Contact Acceptable
	June 3, 2004	100	170	Water Contact Acceptable
	June 1, 2004	260	260	Water Contact Not Recommended

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Beach Name	Monitoring Date	Fecal Coliform Results (colonies/100 mL water)	<i>E. coli</i> Results (colonies/100 mL water)	Beach Status
	May 24, 2004	2	6	Water Contact Acceptable
	May 18, 2004	10	6	Water Contact Acceptable
	May 11, 2004	6	<2	Water Contact Acceptable
	May 4, 2004	<2	4	Water Contact Acceptable
	April 27, 2004	6	4	Water Contact Acceptable
	April 20, 2004	4	14	Water Contact Acceptable
	April 13, 2004	2	2	Water Contact Acceptable
Thomson Reservoir – Raft Landing Site (southwest corner of Thomson Reservoir)				
	October 26, 2004	16	6	Water Contact Acceptable
	October 21, 2004	<2	2	Water Contact Acceptable
	October 14, 2004	4	10	Water Contact Acceptable
	October 5, 2004	24	14	Water Contact Acceptable
	September 28, 2004	7	7	Water Contact Acceptable
	September 21, 2004	10	20	Water Contact Acceptable
	September 14, 2004	14	10	Water Contact Acceptable
	September 7, 2004	60	40	Water Contact Acceptable
	August 31, 2004	8	12	Water Contact Acceptable
	August 24, 2004	10	10	Water Contact Acceptable
	August 17, 2004	20	12	Water Contact Acceptable
	August 10, 2004	40	28	Water Contact Acceptable
	August 2, 2004	39	24	Water Contact Acceptable
	July 27, 2004	12	24	Water Contact Acceptable
	July 20, 2004	34	32	Water Contact Acceptable
	July 13, 2004	24	34	Water Contact Acceptable
	July 6, 2004	20	14	Water Contact Acceptable
	June 29, 2004	6	<2	Water Contact Acceptable
	June 22, 2004	10	8	Water Contact Acceptable
	June 15, 2004	8	4	Water Contact Acceptable
	June 7, 2004	20	20	Water Contact Acceptable
	June 3, 2004	200	200	Water Contact Acceptable
	June 1, 2004	190	170	Water Contact Acceptable
	May 24, 2004	6	6	Water Contact Acceptable
	May 18, 2004	4	10	Water Contact Acceptable
	May 11, 2004	5	*	Water Contact Acceptable
	May 4, 2004	4	4	Water Contact Acceptable
	April 27, 2004	6	<2	Water Contact Acceptable
	April 20, 2004	8	<2	Water Contact Acceptable
	April 13, 2004	2	6	Water Contact Acceptable
Thomson Reservoir – University of Minnesota Duluth (UMD) Outpost Landing Site				
	October 26, 2004	6	4	Water Contact Acceptable
	October 21, 2004	2	<2	Water Contact Acceptable
	October 14, 2004	4	6	Water Contact Acceptable
	October 5, 2004	6	10	Water Contact Acceptable
	September 28, 2004	6	10	Water Contact Acceptable
	September 21, 2004	10	10	Water Contact Acceptable
	September 14, 2004	10	8	Water Contact Acceptable
	September 7, 2004	56	44	Water Contact Acceptable
	August 31, 2004	6	14	Water Contact Acceptable
	August 24, 2004	12	4	Water Contact Acceptable
	August 17, 2004	14	<2	Water Contact Acceptable
	August 10, 2004	20	20	Water Contact Acceptable
	August 2, 2004	24	18	Water Contact Acceptable
	July 27, 2004	4	<2	Water Contact Acceptable
	July 20, 2004	70	88	Water Contact Acceptable
	July 13, 2004	66	26	Water Contact Acceptable
	July 6, 2004	46	26	Water Contact Acceptable
	June 29, 2004	2	4	Water Contact Acceptable
	June 22, 2004	6	4	Water Contact Acceptable
	June 15, 2004	2	10	Water Contact Acceptable
	June 7, 2004	<10	30	Water Contact Acceptable

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Beach Name	Monitoring Date	Fecal Coliform Results (colonies/100 mL water)	E. coli Results (colonies/100 mL water)	Beach Status
	June 3, 2004	150	140	Water Contact Acceptable
	June 1, 2004	320	280	Water Contact Not Recommended
	May 24, 2004	6	8	Water Contact Acceptable
	May 18, 2004	*	12	Water Contact Acceptable
	May 11, 2004	2	2	Water Contact Acceptable
	May 4, 2004	6	2	Water Contact Acceptable
	April 27, 2004	<2	<2	Water Contact Acceptable
	April 20, 2004	6	<2	Water Contact Acceptable
	April 13, 2004	6	2	Water Contact Acceptable
Thomson Road Channel – Site 259 (between Thomson and Esko)				
	October 26, 2004	42	30	Water Contact Acceptable
	October 21, 2004	2	8	Water Contact Acceptable
	October 14, 2004	11	10	Water Contact Acceptable
	October 5, 2004	18	12	Water Contact Acceptable
	September 28, 2004	8	10	Water Contact Acceptable
	September 21, 2004	20	20	Water Contact Acceptable
	September 14, 2004	22	22	Water Contact Acceptable
	September 7, 2004	156	128	Water Contact Acceptable
	August 31, 2004	8	16	Water Contact Acceptable
	August 24, 2004	6	10	Water Contact Acceptable
	August 17, 2004	10	4	Water Contact Acceptable
	August 10, 2004	18	12	Water Contact Acceptable
	August 2, 2004	8	12	Water Contact Acceptable
	July 27, 2004	4	8	Water Contact Acceptable
	July 20, 2004	20	12	Water Contact Acceptable
	July 13, 2004	38	42	Water Contact Acceptable
	July 6, 2004	44	50	Water Contact Acceptable
	June 29, 2004	2	2	Water Contact Acceptable
	June 22, 2004	<2	6	Water Contact Acceptable
	June 15, 2004	6	8	Water Contact Acceptable
	June 7, 2004	20	20	Water Contact Acceptable
	June 3, 2004	110	270	Water Contact Acceptable
	June 1, 2004	280	300	Water Contact Not Recommended
	May 24, 2004	4	16	Water Contact Acceptable
	May 18, 2004	4	<2	Water Contact Acceptable
	May 11, 2004	2	6	Water Contact Acceptable
	May 4, 2004	2	4	Water Contact Acceptable
	April 27, 2004	2	4	Water Contact Acceptable
	April 20, 2004	6	8	Water Contact Acceptable
	April 13, 2004	2	<2	Water Contact Acceptable
Highway 210 Bridge Crossing (Thomson Reservoir Outlet to Jay Cooke State Park)				
	October 26, 2004	4	4	Water Contact Acceptable
	October 21, 2004	8	8	Water Contact Acceptable
	October 14, 2004	2	4	Water Contact Acceptable
	October 5, 2004	26	6	Water Contact Acceptable
	September 28, 2004	8	14	Water Contact Acceptable
	September 21, 2004	20	20	Water Contact Acceptable
	September 14, 2004	34	22	Water Contact Acceptable
	September 7, 2004	140	90	Water Contact Acceptable
	August 31, 2004	8	14	Water Contact Acceptable
	August 24, 2004	12	18	Water Contact Acceptable
	August 17, 2004	8	4	Water Contact Acceptable
	August 10, 2004	26	28	Water Contact Acceptable
	August 2, 2004	16	8	Water Contact Acceptable
	July 27, 2004	12	6	Water Contact Acceptable
	July 20, 2004	20	14	Water Contact Acceptable
	July 13, 2004	25	42	Water Contact Acceptable
	July 6, 2004	22	30	Water Contact Acceptable
	June 29, 2004	2	6	Water Contact Acceptable
	June 22, 2004	<2	2	Water Contact Acceptable

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Beach Name	Monitoring Date	Fecal Coliform Results (colonies/100 mL water)	E. coli Results (colonies/100 mL water)	Beach Status
	June 15, 2004	4	8	Water Contact Acceptable
	June 7, 2004	50	30	Water Contact Acceptable
	June 3, 2004	180	140	Water Contact Acceptable
	June 1, 2004	200	220	Water Contact Acceptable
	May 24, 2004	4	4	Water Contact Acceptable
	May 18, 2004	*	12	Water Contact Acceptable
	May 11, 2004	6	6	Water Contact Acceptable
	May 4, 2004	2	2	Water Contact Acceptable
	April 27, 2004	2	6	Water Contact Acceptable
	April 20, 2004	2	2	Water Contact Acceptable
	April 13, 2004	2	6	Water Contact Acceptable
Jay Cooke State Park Swinging Bridge Crossing – Site 248S				
	October 26, 2004	2	2	Water Contact Acceptable
	October 21, 2004	2	6	Water Contact Acceptable
	October 14, 2004	18	14	Water Contact Acceptable
	October 5, 2004	12	2	Water Contact Acceptable
	September 28, 2004	6	10	Water Contact Acceptable
	September 21, 2004	20	20	Water Contact Acceptable
	September 14, 2004	16	16	Water Contact Acceptable
	September 7, 2004	42	66	Water Contact Acceptable
	August 31, 2004	10	4	Water Contact Acceptable
	August 24, 2004	12	6	Water Contact Acceptable
	August 17, 2004	4	6	Water Contact Acceptable
	August 10, 2004	8	14	Water Contact Acceptable
	August 2, 2004	14	8	Water Contact Acceptable
	July 27, 2004	8	2	Water Contact Acceptable
	July 20, 2004	10	20	Water Contact Acceptable
	July 13, 2004	70	36	Water Contact Acceptable
	July 6, 2004	34	28	Water Contact Acceptable
	June 29, 2004	2	6	Water Contact Acceptable
	June 22, 2004	8	16	Water Contact Acceptable
	June 15, 2004	4	6	Water Contact Acceptable
	June 7, 2004	<10	20	Water Contact Acceptable
	June 3, 2004	200	190	Water Contact Acceptable
	June 1, 2004	240	230	Water Contact Acceptable
	May 24, 2004	4	2	Water Contact Acceptable
	May 18, 2004	2	4	Water Contact Acceptable
	May 11, 2004	<2	8	Water Contact Acceptable
	May 4, 2004	2	6	Water Contact Acceptable
	April 27, 2004	2	4	Water Contact Acceptable
	April 20, 2004	4	<2	Water Contact Acceptable
	April 13, 2004	<2	<2	Water Contact Acceptable
Highway 23 Bridge Crossing – Site 191				
	October 26, 2004	54	16	Water Contact Acceptable
	October 21, 2004	<2	6	Water Contact Acceptable
	October 14, 2004	8	<2	Water Contact Acceptable
	October 5, 2004	8	6	Water Contact Acceptable
	September 28, 2004	4	6	Water Contact Acceptable
	September 21, 2004	10	20	Water Contact Acceptable
	September 14, 2004	2	4	Water Contact Acceptable
	September 7, 2004	34	40	Water Contact Acceptable
	August 31, 2004	10	8	Water Contact Acceptable
	August 24, 2004	8	4	Water Contact Acceptable
	August 17, 2004	14	8	Water Contact Acceptable
	August 10, 2004	14	4	Water Contact Acceptable
	August 2, 2004	4	4	Water Contact Acceptable
	July 27, 2004	8	8	Water Contact Acceptable
	July 20, 2004	6	4	Water Contact Acceptable
	July 13, 2004	44	70	Water Contact Acceptable
	July 6, 2004	46	36	Water Contact Acceptable

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Beach Name	Monitoring Date	Fecal Coliform Results (colonies/100 mL water)	E. coli Results (colonies/100 mL water)	Beach Status
	June 29, 2004	4	6	Water Contact Acceptable
	June 22, 2204	6	6	Water Contact Acceptable
	June 15, 2004	12	4	Water Contact Acceptable
	June 7, 2004	<10	<10	Water Contact Acceptable
	June 3, 2004	210	190	Water Contact Acceptable
	June 1, 2004	420	250	Water Contact Not Recommended
	May 24, 2004	6	7	Water Contact Acceptable
	May 18, 2004	10	14	Water Contact Acceptable
	May 11, 2004	<2	8	Water Contact Acceptable
	May 4, 2004	2	<2	Water Contact Acceptable
	April 27, 2004	2	2	Water Contact Acceptable
	April 20, 2004	8	6	Water Contact Acceptable
	April 13, 2004	2	<2	Water Contact Acceptable
	Oliver Bridge Crossing – Site 135			
	October 26, 2004	24	24	Water Contact Acceptable
	October 21, 2004	20	20	Water Contact Acceptable
	October 14, 2004	4	2	Water Contact Acceptable
	October 5, 2004	32	48	Water Contact Acceptable
	September 28, 2004	16	14	Water Contact Acceptable
	September 21, 2004	150	80	Water Contact Acceptable
	September 14, 2004	28	26	Water Contact Acceptable
	September 7, 2004	70	10	Water Contact Acceptable
	August 31, 2004	100	126	Water Contact Acceptable
	August 24, 2004	148	184	Water Contact Acceptable
	August 17, 2004	6	12	Water Contact Acceptable
	August 10, 2004	10	4	Water Contact Acceptable
	August 2, 2004	50	80	Water Contact Acceptable
	July 27, 2004	56	76	Water Contact Acceptable
	July 22, 2004	176	150	Water Contact Acceptable
	July 20, 2004	420	480	Water Contact Not Recommended
	July 16, 2004	36	32	Water Contact Acceptable
	July 13, 2004	750	800	Water Contact Not Recommended
	July 6, 2004	18	38	Water Contact Acceptable
	July 1, 2004	104	64	Water Contact Acceptable
	June 29, 2004	310	306	Water Contact Not Recommended
	June 22, 2204	44	48	Water Contact Acceptable
	June 15, 2004	22	16	Water Contact Acceptable
	June 7, 2004	<10	<10	Water Contact Acceptable
	June 3, 2004	1,230	1,120	Water Contact Not Recommended
	June 1, 2004	250	330	Water Contact Not Recommended
	May 24, 2004	8	8	Water Contact Acceptable
	May 18, 2004	*	10	Water Contact Acceptable
	May 11, 2004	46	32	Water Contact Acceptable
	May 4, 2004	2	<2	Water Contact Acceptable
	April 27, 2004	6	4	Water Contact Acceptable
	April 20, 2004	10	<2	Water Contact Acceptable
April 13, 2004	4	<2	Water Contact Acceptable	
Midway River – Highway 61 Bridge Crossing				
	October 26, 2004	20	22	Water Contact Acceptable
	October 21, 2004	10	14	Water Contact Acceptable
	October 14, 2004	16	16	Water Contact Acceptable
	October 5, 2004	16	26	Water Contact Acceptable
	September 28, 2004	38	38	Water Contact Acceptable
	September 21, 2004	120	130	Water Contact Acceptable
	September 14, 2004	10	20	Water Contact Acceptable
	September 9, 2004	100	80	Water Contact Acceptable
	September 7, 2004	380	480	Water Contact Not Recommended
	August 31, 2004	38	30	Water Contact Acceptable
	August 24, 2004	50	36	Water Contact Acceptable
	August 17, 2004	30	48	Water Contact Acceptable

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Beach Name	Monitoring Date	Fecal Coliform Results (colonies/100 mL water)	<i>E. coli</i> Results (colonies/100 mL water)	Beach Status
	August 12, 2004	130	160	Water Contact Acceptable
	August 10, 2004	260	390	Water Contact Not Recommended
	August 2, 2004	152	194	Water Contact Acceptable
	July 27, 2004	132	108	Water Contact Acceptable
	July 20, 2004	310	216	Water Contact Acceptable
	July 13, 2004	240	186	Water Contact Acceptable
	July 6, 2004	165	159	Water Contact Acceptable
	June 29, 2004	110	122	Water Contact Acceptable
	June 22, 2004	38	36	Water Contact Acceptable
	June 15, 2004	40	46	Water Contact Acceptable
	June 7, 2004	80	130	Water Contact Acceptable
	June 3, 2004	30	10	Water Contact Acceptable
	June 1, 2004	310	270	Water Contact Not Recommended
	May 24, 2004	6	20	Water Contact Acceptable
	May 18, 2004	76	68	Water Contact Acceptable
	May 11, 2004	60	36	Water Contact Acceptable
	May 4, 2004	8	12	Water Contact Acceptable
	April 27, 2004	<2	6	Water Contact Acceptable
	April 20, 2004	8	4	Water Contact Acceptable
	April 13, 2004	6	4	Water Contact Acceptable