

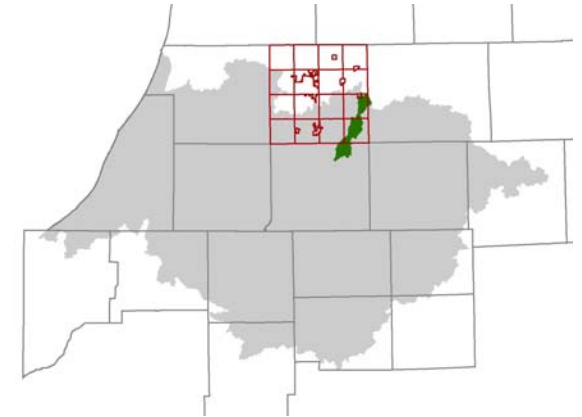


Kalamazoo County

Health & Community Services

This report summarizes all water quality data collected in the Little Portage Creek Sub-Watershed, which is part of the larger St. Joseph River Watershed. (see map to the right)

Water sampling and measurements are conducted by Environmental Health Bureau staff.



Little Portage Creek at Gage #04097060 (State of Michigan Basin ID #: 34 43)

Little Portage Creek

LPC-30	North side of East 'S' Avenue, between South 43rd Street and South 44th Street	Climax Township (27)
LPC-45	North side of East 'U' Avenue, immediately west of South 42nd Street (Closest To 42nd)	Wakeshma Township (4)
LPC-50	North side of East 'V' Avenue, immediatley west of South 42nd Street (Furthest from 42nd)	Wakeshma Township (9)
LPC-70	East side of South 38th Street, south of East 'XY' Avenue	Wakeshma Township (29)

Site Code: LPC-30, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
11/7/2006	11:50	47.7	9.47	81.5%	7.94	0.573	0.4	4.1	325.5
9/21/2006	9:30	49.3	9.80	86.2%	7.99	0.571	0.4	7.2	866.4
7/13/2006	9:20	63.5	7.39	77.2%	8.00	0.571	0.4	N/A	1011.2
5/9/2006	13:15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	160.7
3/28/2006	11:45	43.1	6.90	57.5%	8.35	0.534	0.3	5.8	816.4
12/6/2005	13:10	33.0	11.31	81.2%	8.03	0.482	0.3	8.2	63.1
10/18/2005	8:30	45.5	8.47	72.3%	7.95	0.600	0.4	31.7	1986.3
8/25/2005	8:25	57.1	7.41	73.9%	8.04	0.578	0.4	14.2	1413.6
6/17/2005	12:55	58.2	7.68	77.4%	7.70	0.565	0.4	15.7	866.4
4/19/2005	12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	178.9
3/24/2005	14:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	33.6
10/28/2004	12:15	51.9	8.25	76.7%	7.71	0.599	0.4	5.6	648.8
8/27/2004	14:00	72.2	5.88	67.3%	7.67	0.532	0.4	9.9	1986.3
7/15/2004	15:05	68.8	7.89	89.5%	7.88	0.520	0.3	13.3	770.1
6/11/2004	12:12	61.2	5.76	60.3%	7.31	0.371	0.2	54.4	2419.2
5/7/2004	14:15	55.3	11.79	115.2%	8.22	0.476	0.3	4.9	435.2
4/15/2004	14:50	53.1	11.25	106.9%	8.13	0.490	0.3	4.8	162.4
3/26/2004	14:55	50.9	7.30	67.7%	7.41	0.341	0.2	89.0	601.5
3/3/2004	15:04	38.5	10.99	84.6%	7.60	0.355	0.2	11.0	98.5
2/11/2004	14:50	32.6	11.29	80.7%	7.67	0.517	0.3	13.3	48.7
1/21/2004	13:37	32.1	10.22	71.5%	7.76	0.555	0.4	9.0	51.2

Site Code: LPC-30, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	<i>E. coli Bacteria (MPN)</i>
1/2/2004	11:22	41.2	11.66	94.6%	7.81	0.464	0.3	16.3	111.2
11/20/2003	14:20	43.6	10.28	86.4%	8.45	0.446	0.3	10.0	488.4
10/23/2003	15:00	49.3	10.26	92.0%	8.58	0.562	0.4	5.5	143.9
10/9/2003	13:35	51.1	8.06	74.2%	8.51	0.544	0.4	6.1	259.5
9/25/2003	11:23	51.6	7.61	70.5%	8.26	0.443	0.3	29.5	2419.2
9/11/2003	11:30	61.3	7.29	76.0%	8.19	0.547	0.4	15.6	165.0
8/28/2003	12:00	62.8	7.45	79.2%	8.14	0.552	0.4	24.1	1299.7
8/14/2003	13:30	68.3	8.95	101.8%	8.08	0.544	0.4	11.5	1203.3
7/31/2003	11:30	62.1	8.11	86.2%	8.18	0.538	0.3	13.7	1203.3
7/17/2003	11:28	62.4	8.38	89.3%	8.10	0.357	0.3	35.4	1413.6
6/19/2003	12:08	64.4	7.87	86.5%	8.08	0.536	0.3	10.5	381.1
6/5/2003	10:44	51.5	9.05	85.0%	8.12	0.521	0.3	6.9	280.9
5/22/2003	13:02	55.2	10.05	97.7%	7.98	0.519	0.3	11.3	344.8
3/20/2003	13:00	45.6	12.09	104.6%	7.70	0.545	0.4	N/A	47.1
2/27/2003	10:35	32.4	16.82	120.3%	7.78	0.509	0.3	N/A	18.3
2/19/2003	14:45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20.6
2/13/2003	15:00	31.8	15.25	107.8%	7.67	0.570	0.4	0.4	8.6
2/5/2003	15:10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	30.9
1/16/2003	14:40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	344.8
1/9/2003	14:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	183.5
12/19/2002	14:45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	461.1

Site Code: LPC-30, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
12/11/2002	14:40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	38.3
11/14/2002	12:10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	102.2
10/24/2002	14:05	N/A	N/A	N/A	N/A	N/A	N/A	N/A	271.7
10/10/2002	11:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	160.2
9/26/2002	11:50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	658.6
9/12/2002	11:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2419.2
8/29/2002	9:50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	214.0
8/15/2002	11:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	686.7
8/1/2002	11:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1553.1
7/18/2002	12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1413.6
6/20/2002	11:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1046.2
6/6/2002	12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	258.4
5/23/2002	10:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	207.5
5/2/2002	14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	231.0

Site Code: LPC-30, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
	Count	34	34	34	34	34	34	31	56
Summary Statistics	Average	51.4	9.36	84.7%	7.97	0.513	0.3	16.1	625.6
	Minimum	31.8	5.76	57.5%	7.31	0.341	0.2	0.4	8.6
	Maximum	72.2	16.82	120.3%	8.58	0.600	0.4	89.0	2419.2

The above represents summary statistics of ambient water quality conditions for site code LPC-30 (Little Portage Creek) between May 2002 and January 2007.

Below is a summary of E. coli bacteria results for LPC-30 (Little Portage Creek) between May 2002 and January 2007. This site is located in Section Number 27 of Climax Township, North side of East 'S' Avenue, between South 43rd Street and South 44th Street.

29 out of 56 water sample results exceeded 300 bacteria colonies per 100 ml of water.

14 out of 56 water sample results were between 130 and 299 bacteria colonies per 100 ml of water.

13 out of 56 water sample results were less than 130 bacteria colonies per 100 ml of water.

Site Code: LPC-45, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	<i>E. coli Bacteria (MPN)</i>
11/7/2006	11:30	47.0	9.70	82.6%	8.02	0.578	0.4	5.1	125.9
9/21/2006	9:00	49.7	10.14	89.7%	8.17	0.574	0.4	9.1	613.1
7/13/2006	9:45	65.6	7.71	82.7%	8.16	0.570	0.4	N/A	533.5
5/9/2006	12:45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	129.6
3/28/2006	11:20	42.9	7.01	57.9%	8.48	0.531	0.3	5.9	1203.3
12/6/2005	11:50	31.9	10.27	71.4%	7.89	0.644	0.4	4.2	167.4
10/18/2005	9:10	47.7	8.97	78.7%	8.19	0.428	0.3	7.6	344.1
8/25/2005	9:10	60.1	7.95	82.3%	8.32	0.580	0.4	10.2	1986.3
6/17/2005	13:05	59.4	8.01	81.9%	7.97	0.561	0.4	15.0	1986.3
4/19/2005	11:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	547.5
3/24/2005	14:45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	52.0
10/28/2004	11:55	51.3	7.37	67.9%	7.62	0.603	0.4	0.0	98.8
8/27/2004	14:27	72.9	5.70	66.3%	7.79	0.545	0.4	7.7	980.4
7/15/2004	14:10	61.7	7.83	82.1%	7.53	0.587	0.4	5.0	365.4
6/11/2004	12:20	61.6	6.14	64.7%	7.18	0.333	0.2	79.4	2419.2
5/7/2004	13:40	53.5	8.26	78.9%	7.72	0.574	0.4	11.6	88.0
4/15/2004	14:25	57.9	11.85	119.5%	8.28	0.570	0.4	7.0	1011.2
3/26/2004	14:28	50.6	8.27	76.4%	7.64	0.395	0.3	28.8	214.2
3/3/2004	14:45	42.0	10.74	87.6%	7.56	0.470	0.3	8.6	260.2
2/13/2003	14:00	41.9	10.43	86.1%	7.63	0.550	0.4	N/A	1.0

Site Code: LPC-45, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
	Count	17	17	17	17	17	17	15	20
Summary Statistics	Average	52.8	8.61	79.8%	7.89	0.535	0.4	13.7	656.4
	Minimum	31.9	5.70	57.9%	7.18	0.333	0.2	0.0	1.0
	Maximum	72.9	11.85	119.5%	8.48	0.644	0.4	79.4	2419.2

The above represents summary statistics of ambient water quality conditions for site code LPC-45 (Little Portage Creek) between February 2003 and January 2007.

Below is a summary of E. coli bacteria results for LPC-45 (Little Portage Creek) between February 2003 and January 2007. This site is located in Section Number 4 of Wakeshma Township, North side of East 'U' Avenue, immediately west of South 42nd Street (Closest To 42nd).

11 out of 20 water sample results exceeded 300 bacteria colonies per 100 ml of water.

3 out of 20 water sample results were between 130 and 299 bacteria colonies per 100 ml of water.

6 out of 20 water sample results were less than 130 bacteria colonies per 100 ml of water.

Site Code: LPC-50, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
11/7/2006	11:15	46.9	10.12	86.3%	8.10	0.587	0.4	4.1	83.3
9/21/2006	11:45	51.6	10.46	94.8%	8.28	0.582	0.4	6.4	920.8
7/13/2006	10:20	66.0	8.05	86.7%	8.24	0.578	0.4	N/A	1011.2
5/9/2006	12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	209.8
3/28/2006	10:50	42.3	7.07	58.3%	8.53	0.535	0.3	5.8	2419.6
12/6/2005	11:35	32.0	10.70	75.6%	8.04	0.659	0.4	6.6	111.9
10/18/2005	9:35	47.7	8.13	71.9%	8.20	0.510	0.3	6.9	547.5
8/25/2005	9:38	60.3	7.58	78.5%	8.38	0.584	0.4	8.8	1203.3
6/17/2005	13:20	59.6	8.14	83.4%	8.08	0.577	0.4	12.5	1553.1
4/19/2005	11:45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	101.7
3/24/2005	14:35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	46.0
12/29/2004	12:05	31.7	11.14	77.5%	7.50	0.581	0.4	13.8	60.5
10/28/2004	11:40	51.4	7.66	70.6%	7.67	0.617	0.4	2.4	72.3
8/27/2004	12:52	72.1	5.86	67.5%	7.73	0.517	0.4	16.3	2419.2
7/15/2004	14:25	68.3	8.60	96.9%	8.17	0.528	0.3	13.5	1299.7
6/11/2004	12:05	61.9	6.04	63.8%	7.44	0.368	0.2	35.6	2419.2
5/7/2004	13:12	55.4	9.87	96.5%	8.28	0.489	0.3	5.2	104.6
4/15/2004	14:00	51.5	11.34	105.5%	8.39	0.493	0.3	6.9	98.4
3/26/2004	14:05	50.4	8.49	78.4%	7.74	0.400	0.3	21.7	216.7
3/3/2004	14:20	37.3	10.20	78.3%	7.74	0.329	0.2	11.0	104.6
2/11/2004	14:20	31.7	11.76	82.8%	7.86	0.526	0.3	9.8	88.4

Site Code: LPC-50, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	<i>E. coli Bacteria (MPN)</i>
1/21/2004	14:05	31.8	10.71	74.5%	8.00	0.575	0.4	8.6	45.0
1/2/2004	12:36	40.6	11.46	92.1%	8.07	0.464	0.3	9.0	139.1
11/20/2003	14:00	43.7	11.13	93.7%	8.57	0.397	0.3	7.5	1119.9
10/23/2003	14:30	48.2	10.56	93.3%	8.71	0.576	0.4	4.3	378.4
10/9/2003	12:55	52.0	8.36	78.1%	8.64	0.556	0.4	4.2	517.2
9/25/2003	11:02	53.1	7.70	72.8%	8.35	0.524	0.3	29.4	2419.2
9/11/2003	10:14	62.3	7.97	84.2%	8.45	0.554	0.4	7.3	721.5
8/28/2003	11:45	65.3	7.93	86.7%	8.37	0.540	0.4	4.2	1119.9
8/14/2003	12:58	70.4	9.88	115.3%	8.39	0.541	0.4	3.7	1986.3
7/31/2003	11:00	65.0	7.95	87.4%	8.37	0.540	0.4	20.4	2419.6
7/17/2003	12:07	66.1	7.95	88.4%	8.32	0.534	0.3	25.8	1299.7
6/19/2003	11:55	59.8	8.58	89.3%	8.23	0.567	0.4	12.7	435.2
6/5/2003	10:30	50.6	9.12	84.7%	8.19	0.567	0.4	13.7	344.8
5/22/2003	12:46	52.9	9.42	88.8%	8.04	0.575	0.4	9.4	224.7
3/20/2003	12:25	45.1	11.57	99.4%	7.65	0.556	0.4	N/A	53.8
2/19/2003	14:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	198.9
2/5/2003	14:40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	613.1
1/16/2003	14:10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	35.5
1/9/2003	14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	146.7
12/19/2002	14:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2419.2
12/11/2002	14:05	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21.3

Site Code: LPC-50, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	<i>E. coli Bacteria (MPN)</i>
11/14/2002	11:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65.0
10/24/2002	10:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	689.3
10/10/2002	8:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	368.1
9/26/2002	11:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1986.3
9/12/2002	11:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	394.5
8/29/2002	12:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1732.9
8/15/2002	11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2419.2
8/1/2002	10:50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	727.0
7/18/2002	11:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1986.3
6/20/2002	11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1732.9
6/6/2002	11:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	579.4
5/23/2002	10:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	261.3
5/2/2002	13:40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1413.6

Site Code: LPC-50, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
	Count	33	33	33	33	33	33	31	55
Summary Statistics	Average	52.3	9.14	84.3%	8.14	0.531	0.4	11.2	838.3
	Minimum	31.7	5.86	58.3%	7.44	0.329	0.2	2.4	21.3
	Maximum	72.1	11.76	115.3%	8.71	0.659	0.4	35.6	2419.6

The above represents summary statistics of ambient water quality conditions for site code LPC-50 (Little Portage Creek) between May 2002 and January 2007.

Below is a summary of E. coli bacteria results for LPC-50 (Little Portage Creek) between May 2002 and January 2007. This site is located in Section Number 9 of Wakeshma Township, North side of East 'V' Avenue, immediatley west of South 42nd Street (Furthest from 42nd).

33 out of 55 water sample results exceeded 300 bacteria colonies per 100 ml of water.

7 out of 55 water sample results were between 130 and 299 bacteria colonies per 100 ml of water.

15 out of 55 water sample results were less than 130 bacteria colonies per 100 ml of water.

Site Code: LPC-70, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
11/7/2006	9:55	47.9	9.65	83.2%	8.02	0.586	0.4	2.9	410.6
9/21/2006	11:25	51.2	10.15	91.5%	8.10	0.580	0.4	3.1	866.4
7/13/2006	11:55	63.1	8.60	89.1%	8.15	0.578	0.4	N/A	223.0
5/9/2006	10:05	N/A	N/A	N/A	N/A	N/A	N/A	N/A	166.4
3/28/2006	9:10	43.7	6.02	50.5%	8.20	0.560	0.4	22.8	101.0
12/6/2005	9:50	33.4	11.31	81.5%	7.93	0.618	0.4	7.2	53.7
10/18/2005	12:18	50.4	8.01	72.5%	7.97	0.610	0.4	3.2	866.4
8/25/2005	11:40	57.3	8.07	81.0%	8.16	0.594	0.4	5.5	1046.2
6/17/2005	13:40	58.0	8.00	80.4%	7.93	0.592	0.4	20.0	1119.9
4/19/2005	11:35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	158.5
3/24/2005	13:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	58.1
12/29/2004	11:40	36.9	11.45	86.4%	7.95	0.594	0.4	10.6	60.9
10/28/2004	11:20	51.3	7.76	71.5%	7.53	0.601	0.4	0.8	275.5
8/27/2004	10:53	74.0	6.99	88.6%	7.48	0.412	0.3	0.4	2419.2
7/15/2004	10:50	60.5	7.72	79.8%	7.83	0.537	0.3	8.0	332.5
6/11/2004	9:20	61.2	6.90	72.3%	7.48	0.413	0.3	67.5	2419.2
5/7/2004	11:00	54.9	8.38	81.4%	8.01	0.513	0.3	6.0	307.6
4/15/2004	12:16	50.9	10.65	98.5%	8.41	0.514	0.3	5.2	549.3
3/26/2004	11:25	50.1	8.73	80.0%	7.74	0.440	0.3	17.9	71.7
3/3/2004	10:30	38.5	10.35	80.8%	7.57	0.357	0.2	20.6	131.3
2/11/2004	10:00	33.7	11.57	84.0%	7.89	0.534	0.3	7.5	49.6

Site Code: LPC-70, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	<i>E. coli Bacteria (MPN)</i>
1/21/2004	10:30	32.4	11.32	79.5%	8.08	0.555	0.4	9.9	63.3
1/2/2004	9:38	40.4	12.25	98.1%	7.96	0.483	0.3	17.4	285.1
11/20/2003	10:20	44.5	10.87	92.5%	8.67	0.407	0.3	15.7	1986.3
10/23/2003	10:12	45.9	11.33	99.4%	8.71	0.554	0.4	9.9	325.5
10/9/2003	10:15	51.3	8.17	75.2%	8.41	0.539	0.3	3.8	172.5
9/25/2003	9:45	52.9	7.66	72.2%	8.26	0.461	0.3	17.3	2419.2
9/11/2003	10:05	57.7	8.55	85.3%	8.30	0.508	0.3	4.7	298.7
8/28/2003	10:00	59.5	8.21	83.7%	8.21	0.536	0.3	3.5	1046.2
8/14/2003	10:18	60.6	8.40	88.2%	8.02	0.546	0.4	4.0	307.6
7/31/2003	10:00	56.9	8.43	84.2%	8.16	0.535	0.3	8.6	410.6
7/17/2003	12:55	61.5	8.34	88.0%	8.16	0.537	0.3	29.1	586.6
6/19/2003	11:35	61.0	8.32	87.9%	8.08	0.545	0.4	49.7	1119.9
6/5/2003	10:11	51.3	9.05	84.9%	8.09	0.546	0.4	6.8	344.1
5/22/2003	12:24	53.3	9.05	85.8%	7.90	0.543	0.4	4.4	435.2
3/27/2003	13:15	52.6	16.29	154.5%	8.23	0.585	0.4	N/A	15.6
3/20/2003	9:40	45.6	12.25	105.9%	7.70	0.573	0.4	N/A	70.3
2/27/2003	9:30	31.8	16.90	121.0%	7.87	0.584	0.4	N/A	30.1
2/19/2003	12:40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	209.8
2/13/2003	11:50	35.8	15.79	119.1%	7.42	0.585	0.4	N/A	36.9
2/5/2003	11:40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	133.4
1/16/2003	12:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	64.4

Site Code: LPC-70, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	<i>E. coli Bacteria (MPN)</i>
1/9/2003	12:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	54.6
12/19/2002	12:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	461.1
12/11/2002	11:55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17.3
11/14/2002	9:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	29.2
10/24/2002	8:50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	378.4
10/10/2002	8:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	313.0
9/26/2002	9:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1553.1
9/12/2002	9:30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2419.2
8/29/2002	10:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	355.5
8/15/2002	9:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	550.4
8/1/2002	9:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	980.4
7/18/2002	9:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	920.8
6/20/2002	9:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	980.4
6/6/2002	10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	686.7
5/23/2002	10:15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	227.9
5/2/2002	12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	648.8

Site Code: LPC-70, Little Portage Creek

Sample Date	Sample Time	Water Temperature (degrees F)	Dissolved Oxygen mg/L	% Saturation	pH (units)	Conductivity (mS / cm)	TDS (g / L)	Turbidity (NTU)	E. coli Bacteria (MPN)
	Count	36	36	36	36	36	36	31	58
Summary Statistics	Average	50.3	9.76	87.7%	8.02	0.535	0.4	12.7	562.5
	Minimum	31.8	6.02	50.5%	7.42	0.357	0.2	0.4	15.6
	Maximum	74.0	16.90	154.5%	8.71	0.618	0.4	67.5	2419.2

The above represents summary statistics of ambient water quality conditions for site code LPC-70 (Little Portage Creek) between May 2002 and January 2007.

Below is a summary of E. coli bacteria results for LPC-70 (Little Portage Creek) between May 2002 and January 2007. This site is located in Section Number 29 of Wakeshma Township, East side of South 38th Street, south of East 'XY' Avenue.

32 out of 58 water sample results exceeded 300 bacteria colonies per 100 ml of water.

11 out of 58 water sample results were between 130 and 299 bacteria colonies per 100 ml of water.

15 out of 58 water sample results were less than 130 bacteria colonies per 100 ml of water.