

## Midway River Data - Esko Schools

Test	5/4/1998	10/1/1998	5/10/1999	9/30/1999	4/28/2000	10/11/2000	Test	5/9/2001	10/1/2001	5/24/2002	9/27/2002
Air °C							Air °C			11.5	11
Water °C	11		11	9	13	5.5	Water °C	9		14	7.5
Transparency					≥120		Transparency				≥120
Dissolve Oxygen	10		8	6	10	10	Dissolve Oxygen	11		11	9
% Saturation	90		73		94		% Saturation			105	74
pH	7.25		7.25	6.5	6	7.5	pH	7.5		7.5	7.4
Nitrate	0.044		0	3.56	0		Nitrate	0		0	0
Phosphate	0.088		0		0		Phosphate			0	0
BOD	4		0	3	3		BOD			4	2.5
Stream Flow					217.6		Stream Flow				
Bacteria							Bacteria				
<b>BMI Tally</b>	<b>5/4/1998</b>	<b>10/1/1998</b>	<b>5/10/1999</b>	<b>9/30/1999</b>	<b>4/28/2000</b>	<b>10/11/2000</b>	<b>BMI Tally</b>	<b>5/9/2001</b>	<b>10/1/2001</b>	<b>5/24/2002</b>	<b>9/27/2002</b>
Stonefly	4		25	4	151	1	Stonefly	7	1	33	7
Dobsonfly			3	1	1	3	Dobsonfly			1	2
Snipe Fly			5	2	29	1	Snipe Fly	4	1	10	5
Alderfly							Alderfly				
Caddisfly	25		11	11	73	17	Caddisfly	24	1	24	7
Crane fly			7	1	9		Crane fly		1		
Dragonfly			5	11		3	Dragonfly	20	1		
Clam	12		15	2	9		Clam	63		10	2
Water Penny							Water Penny				
Riffle Beetle	5		59	4	34	5	Riffle Beetle	60	1	9	5
Crayfish	1		8	14	1	1	Crayfish	24	1	1	6
Damselfly	2		8	10	1	4	Damselfly	65	1		6
Mayfly	15		152	28	73	24	Mayfly	40	1	63	86
Blackfly				4			Blackfly		1		
Gilled/OrbSnail	7		15	2	8	3	Gilled/OrbSnail	70			
Non-red Midge							Non-red Midge			1	
Scud				1		5	Scud			1	
Pouch Snail							Pouch Snail				
Leech			1				Leech	10			
Sowbug							Sowbug				
Bloodworm			12	8	12	12	Bloodworm	84		4	2
Worms	2		1		3		Worms			2	
<b>Index Score</b>	<b>2.8</b>		<b>2.7</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>Index Score</b>	<b>2.8</b>	<b>3.1</b>	<b>2.75</b>	<b>3.1</b>

## Midway River Data - Esko Schools

5/13/2003	10/3/2003	Test	5/18/2004	10/11/2004	5/6/2005	10/10/2005	5/15/2006	10/4/2006	5/2/2007	Averages	10/5/2007	5/2/2008
20	9	Air °C	26	23	22.5	10	14	13	7.9	15.26	11	7.9
10	14	Water °C	12	14	13	8	9	10.25	10	10.60	12.7	10
≥120	≥120	Transparency	≥120	≥120	≥120	≥120	≥120	≥120	106	106.00	≥120	106
11	13	Dissolve Oxygen	12	16	13	14	12	11.5	13.5	11.24	12	13.5
95	106	% Saturation			123	110	100	101.5	110	98.46	108	110
7.5	8	pH	7.5	7.75	7.75	7	7	7.5	7.5	7.32	7.5	7.5
0	0	Nitrate	0	0	0	0	0	0	0	0.23	0	0
0	0.1	Phosphate	0	5	0	2.5	0	0	0	0.55	0	0
3	2	BOD			5	4	0	1.5		2.67		
		Stream Flow							53.61	135.61		
		Bacteria										
5/13/2003	10/3/2003	BMI Tally	5/20/2004	10/12/2004	5/5/2005	10/11/2005	5/11/2006	10/4/2006	5/2/2007	Averages	10/5/2007	5/2/2008
55	21	Stonefly	2	12	35	4	15	24	30	23.94	32	30
3	1	Dobsonfly			1					1.78		
1	20	Snipe Fly		17	30		1	5	8	9.27	5	8
1		Alderfly				8				4.50		
13	47	Caddisfly	2	76	56	14	16	15	10	24.56	9	10
		Cranefly	1	2				1		3.14	2	
2	7	Dragonfly	3	5	6	3		13		6.58	11	
9	6	Clam	7		43	6		3	4	13.64	1	4
		Water Penny										
	29	Riffle Beetle	1	13	24	25	9	4	8	17.35	4	8
8	4	Crayfish	3	4	3	5		9	7	5.88	9	7
3	1	Damselfly		1				15	9	9.69	15	9
60	7	Mayfly	28	39	27	9	9	103	56	45.56	24	56
		Blackfly								2.50		
		Gilled/OrbSnail			3	4		3	2	11.70		2
4	4	Non-red Midge	2		4	7				3.67		
		Scud							6	3.25		6
		Pouch Snail				4			5	4.50		5
		Leech								5.50	2	
1		Sowbug							1	1.00		1
5	1	Bloodworm				5		42	19	17.17	2	19
		Worms	1			2	1		8	2.50		8
2.9	3	<b>Index Score</b>	2.8	3.2	3.1	2.5	3	2.9	2.4	2.88	2.8	2.4

## Midway River Data - Esko Schools

10/1/2008	Test		10/7/2009
10.1	Air °C		6
10.8	Water °C		7.7
≥120	Transparency		>122
	Turbidity		21.28
8.65	Dissolve Oxygen		9
82.16	% Saturation		75
7	pH		7
	Conductivity		229.5
0	Nitrate		0
0	Phosphate		0
	BOD		
	Stream Flow		0.48
	Bacteria		
10/1/2008	BMI Tally		10/7/2009
1	Stonefly		12
3	Dobsonfly		
2	Snipe Fly		3
6	Alderfly		
15	Caddisfly		12
3	Cranefly		10
4	Dragonfly		5
8	Clam		13
	Water Penny		
1	Riffle Beetle		
3	Crayfish		22
13	Damselfly		2
63	Mayfly		50
	Blackfly		
1	Gilled/OrbSnail		2
	Non-red Midge		
1	Scud		
2	Pouch Snail		3
	Leech		
1	Sowbug		
1	Bloodworm		
	Worms		
2.8	<b>Index Score</b>		2.9