

Volunteer Stream Monitoring Data 2005

Inlet #9 Temple Creek at Lindgren's

Culvert measures 3.0' in diameter.

Pygmy or Mini meters were used to determine velocity or flow.

Date			1/1/2005	1/14/2005	1/29/2005	2/12/2005	2/27/2005	3/9/2005	3/26/2005	3/27/2005	4/9/2005
Time			1:30 PM	Too much ice to take	9:15 AM	10:25 AM	1:00 PM	3:00 PM	1:35 PM	3:15 PM	10:00 AM
Weather			Cold,Cldy	measure- ments	Cloudy	Cold/Sun	Clr/Sun	Lt. Rain	Rain/Snow	Storm Event	Cloudy
Water Sample Collected			Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dissolved Oxygen:											
%Saturation			72.4		101.9	89.0	76.8	79.1	95.3	NA	100.4
mg/L			9.76		14.16	12.63	10.57	10.35	12.88	NA	13.29
Water Temperature:											
Centigrade			3.0		1.9	1.1	2.1	4.2	2.8	NA	3.6
Fahrenheit			37.3		35.4	33.9	35.8	39.5	37.1	NA	38.5
Flow:											
Cubic Feet/Second			0.096		0.981	0.286	0.101	0.207	0.210	2.150	2.445
Depth of Water in Culvert:											
Upstream (ft.)			0.20		0.30	0.22	0.15	NA	0.17	0.64	0.50
Downstream (ft.)			NA		0.58	NA	0.20	NA	NA	NA	0.60
Width of Water in Culvert:											
Upstream (ft.)			1.40		1.80	1.95	1.25	NA	1.20	2.54	2.35
Downstream (ft.)			NA		2.30	NA	1.60	NA	NA	NA	2.20

5/1/2005	5/10/2005	5/14/2005	5/28/2005	6/11/2005
1:40 PM	9:30 AM	10:00 AM	9:15 AM	9:30 AM
Sun/warm	Storm	Rain	Sun	Cool,Cldy
	Event			
Yes	Yes	Yes	Yes	Yes
82.5	NA	85.0	88.9	87.7
9.62	NA	9.90	10.33	10.10
8.7	NA	8.8	9.0	9.1
47.7	NA	47.8	47.7	48.2
0.338	0.981	0.272	0.859	0.182
0.24	0.30	0.20	0.36	NA
NA	NA	NA	NA	0.24
NA	1.80	1.65	2.13	NA
NA	NA	NA	NA	1.62