

**Table 2 (cont.)**  
**Comparison of Selected Physical Characteristics of the Nimishillen Creek**  
**Macroinvertebrate Sampling Sites**

<b>Stream</b>	<b>Site # / River Mile (RM)</b>	<b>Habitat</b>	<b>Stream Shading (%)</b>	<b>Streambank Vegetation* (%)</b>	<b>Surrounding Land Uses</b>	<b>Outfalls** (type/ location)</b>	<b>Stream Channel Alterations</b>	<b>In-Stream Structures/ Barriers</b>
West Branch	14 RM:18.52	Log piles, undercut banks, riffles, tree roots, man-made objects	75 -100	T:60, P:5, BS:5, S:30, (L:50', R:30')	residential, light manufacturing and retail/comm. Railroad track on right bank	SWR-upstream on both banks	channelization	bridge, log jams, sediment/sandbars
West Branch	3 RM:14.45	pools, large boulders, riffles, man-made objects	0 - 24	T: 5P:10, BS:0, G:85, S:0 (L:10-20', R:5-10')	residential, parking lots	SWR-upstream on both banks	channelization	bridge, sediment/sandbars
West Branch	13 RM:12.84	pools, weed beds, rock ledges, undercut banks, large boulders,	25-49	T:25, P:25, BS:15,S:25, O:10, (L:50', R:0 - 50')	light and heavy manufacturing, parking lots	SWR- both sides- south of bridge Downstream side of bridge	channelization	bridge, sediment/sandbars
West Branch	5 RM:12.26	Rock ledges, weed beds, undercut banks, large boulders, riffles, man-made objects	0-24	T:5, P:30, BS:5, S:40, RM: 5, O:15 (L:20', R:20')	light and heavy manufacturing, retail/comm., construction sites and parking lots	SWR-Market St. bridge.	fill and rip-rap along the banks	bridge, islands, sediment/sandbars

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Middle Branch	1 RM:17.11	Pools, weed beds, woody debris, riffles, man-made objects	0-24	T:5, P:10, BS:5, G:65, S:15 (L:100', R:50')	residential and heavy manufacturing	SWR-upstream on right bank	none	bridge, islands, sediment/sandbars
East Branch	11 RM:18.61	pools, log piles, undercut banks, riffles, tree roots, woody debris, man-made objects	75-100	T:30, P:30, G:5, S:25, RM:10 (L:100', R:25')	residential, parking lot, railyard on left bank	SWR-upstream from bridge on right bank	none	bridge, log jams, sediment/sandbars
East Branch Tributary	15 RM:17.14	undercut banks, wetlands, riffles, man-made objects	50-74	T:45, P:10, S:45 (L:10'-100', R:40')	residential, retail/comm., parking lot, (gravel pit on left bank)	SWR-downstream side of bridge	Channelization and fill	bridge, sediment/sandbars
East Branch	2 RM:15.21	riffles, man-made objects	0-24	T:15, P:50 BS:5,G:5, S:25 (L:20'-100', R:10')	residential, heavy manufacturing, Retail/ Commercial	none	Channelization and fill	bridge (250 yds upstream)
Hurford Run Tributary	16 RM:14.03	pools, undercut banks, large boulders, riffles, tree roots, man-made objects	50-74	T:10, P:40, BS:5, G:10, S:25, RM:10 (L:100'+, R:15'- 100')	pasture/ grazing, woods, residential and power line easement	SWR-downstream under bridge on both banks	none	bridge, sediment/sandbars

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Hurford Run	6 RM:12.61	weed beds, undercut banks, large boulders, riffles, tree roots, logs and woody debris	25-49	T:10, P: 25, BS:5, S:60 (L:20', R:8')	heavy manufacturing	none	fill along stream bank - slag and stone	bridge
Hurford Run	7 RM:12.05	pools, log piles, undercut banks, large boulders, riffles, woody debris, man-made objects	50-74	T:30, P:15, BS:5, G:5, S:40, RM: 5 (L:15', R:30')	retail/comm., parking lot light and heavy manufacturing,	SWR- downstream of sampling site	channelization	bridge, substrate mainly brick and log jams
Sherrick Run	10 RM:13.53	pools, tree roots, woody debris, man-made objects, undercut banks, large boulders	75-100	T:30, P:15, S:50, RM:5 (L:100'+, R:100'+)	residential, small wooded area	none	none	bridge
Sherrick Run	9 RM:12.26	pools, log piles, undercut banks, large boulders, riffles, tree roots, woody debris, man-made objects	75-100	T:65, P:5, BS:5, S: 10, RM:5 (L:100'+, R:100'+)	wooded area, light manufacturing, retail/comm.	SWR- northwest side of bridge	none	bridge, log jams, sediment/ sandbars
Sherrick Run	8 RM:11.44	pools, undercut banks, riffles, tree roots, man-made objects	0-24	T:80, P:5, S: 10, RM:5 (L:20', R:50' - 100'+)	retail/comm., parking lot,	SWR- 45' upstream of sampling site	none	bridge, sediment sandbars
Mainstem	4 RM:13.14	pools, log piles, undercut banks, large boulders, riffles, tree roots, man-made objects	25-49	T:20, P:40, BS: 5, G:20, S:10, RM:5 (L:5', R:50')	residential, urban park, retail/ commercial	U-left bank, 100 yards downstream from bridge	Channelization	bridge, islands, sediment; sandbars

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Mainstem	12  RM: 8.97	pools, undercut banks, large boulders, riffles, tree roots, rock ledges, man-made objects	50-74	T:55, P:20, G:5, S:10, RM:10 (L:50', R:30')	residential	SWR-left bank downstream side of bridge	none	bridge, sediment/ sandbars
<p>*Symbols for streambank vegetation: T=trees, P=other plants, BS=bare soil, G=grass, S=shrubs, RO=root mats, O=other, L=approximate width of left bank vegetation, R=approximate width of right bank vegetation.</p> <p>**Type of discharge pipe: ST=sewage treatment, SWR=storm water runoff, I=industrial, DTO=drainage tile outlets, U=unknown, O=other.</p>								