



Pollutant Load Analysis
Subwatershed Values

Ecourse Creek Watershed

LeBlanc Drain, Existing (2000) Land Use, Total Impervious Area (TIA)

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	38	18.8	31	0.9	0.219	257,034	60.7%	62.6%
Medium Density Residential	0.0	38	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	14	51.4	31	0.9	0.513	3,948	0.9%	1.1%
Transportation	315.1	24	52.9	31	0.9	0.526	25,161	5.9%	4.0%
Commercial	1,154.5	21	56.2	31	0.9	0.556	85,216	20.1%	14.8%
Mixed Residential/Commercial Use	0.0	30	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	3	1.9	31	0.9	0.067	498	0.1%	5.0%
Wetland	235.8	4	2.4	31	0.9	0.072	427	0.1%	3.0%
Water	8.7	4	100.0	31	0.9	0.950	209	0.0%	0.1%
Active Agriculture	28.7	3	2.0	31	0.9	0.068	37	0.0%	0.4%
Urban Open	242.9	3	10.9	31	0.9	0.148	682	0.2%	3.1%
Industrial	453.1	24	75.9	31	0.9	0.733	50,415	11.9%	5.8%
Total	7,796.3						423,628	100.0%	100.0%

LeBlanc Drain, Existing (2000) Land Use, Directly Connected Impervious Area (DCIA)

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	38	2.4	31	0.9	0.072	83,958	40.0%	62.6%
Medium Density Residential	0.0	38	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	14	30.3	31	0.9	0.323	2,486	1.2%	1.1%
Transportation	315.1	24	22.7	31	0.9	0.254	12,162	5.8%	4.0%
Commercial	1,154.5	21	43.9	31	0.9	0.445	68,244	32.5%	14.8%
Mixed Residential/Commercial Use	0.0	30	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	3	1.1	31	0.9	0.060	444	0.2%	5.0%
Wetland	235.8	4	2.4	31	0.9	0.072	427	0.2%	3.0%
Water	8.7	4	100.0	31	0.9	0.950	209	0.1%	0.1%
Active Agriculture	28.7	3	0.1	31	0.9	0.051	28	0.0%	0.4%
Urban Open	242.9	3	4.2	31	0.9	0.088	405	0.2%	3.1%
Industrial	453.1	24	61.9	31	0.9	0.607	41,750	19.9%	5.8%
Total	7,796.3						210,112	100.0%	100.0%

LeBlanc Drain, Future (2030) Land Use, Total Impervious Area (TIA)

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	38	18.8	31	0.9	0.219	124,474	22.5%	30.3%
Medium Density Residential	1,720.1	38	37.8	31	0.9	0.390	161,293	29.1%	22.1%
High Density Residential	1,224.5	14	51.4	31	0.9	0.513	55,572	10.0%	15.7%
Transportation	137.9	24	52.9	31	0.9	0.526	11,011	2.0%	1.8%
Commercial	1,380.1	21	56.2	31	0.9	0.556	101,869	18.4%	17.7%
Mixed Residential/Commercial Use	0.0	30	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	3	1.9	31	0.9	0.067	102	0.0%	1.0%
Wetland	0.0	4	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	4	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	3	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	3	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	24	75.9	31	0.9	0.733	99,050	17.9%	11.4%
Total	7,796.3						553,372	100.0%	100.0%

LeBlanc Drain, Future (2030) Land Use, Directly Connected Impervious Area (DCIA)

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	38	2.4	31	0.9	0.072	40,659	12.4%	30.3%
Medium Density Residential	1,720.1	38	16.6	31	0.9	0.199	82,424	25.2%	22.1%
High Density Residential	1,224.5	14	30.3	31	0.9	0.323	34,985	10.7%	15.7%
Transportation	137.9	24	22.7	31	0.9	0.254	5,322	1.6%	1.8%
Commercial	1,380.1	21	43.9	31	0.9	0.445	81,579	24.9%	17.7%
Mixed Residential/Commercial Use	0.0	30	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	3	1.1	31	0.9	0.060	91	0.0%	1.0%
Wetland	0.0	4	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	4	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	3	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	3	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	24	61.9	31	0.9	0.607	82,026	25.1%	11.4%
Total	7,796.3						327,086	100.0%	100.0%

North Branch, Existing (2000) Land Use, Total Impervious Area (TIA)

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	38	18.8	31	0.9	0.219	273,506	48.2%	43.7%
Medium Density Residential	0.0	38	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	14	51.4	31	0.9	0.513	5,768	1.0%	1.1%
Transportation	976.4	24	52.9	31	0.9	0.526	77,965	13.7%	8.2%
Commercial	1,260.6	21	56.2	31	0.9	0.556	93,048	16.4%	10.6%
Mixed Residential/Commercial Use	0.0	30	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	3	1.9	31	0.9	0.067	1,396	0.2%	9.2%
Wetland	1,282.1	4	2.4	31	0.9	0.072	2,322	0.4%	10.8%
Water	10.6	4	100.0	31	0.9	0.950	255	0.0%	0.1%
Active Agriculture	609.7	3	2.0	31	0.9	0.068	787	0.1%	5.1%
Urban Open	313.7	3	10.9	31	0.9	0.148	881	0.2%	2.6%
Industrial	999.9	24	75.9	31	0.9	0.733	111,256	19.6%	8.4%
Total	11,868.8						567,184	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	38	2.4	31	0.9	0.072	89,339	29.6%	43.7%
Medium Density Residential	0.0	38	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	14	30.3	31	0.9	0.323	3,631	1.2%	1.1%
Transportation	976.4	24	22.7	31	0.9	0.254	37,686	12.5%	8.2%
Commercial	1,260.6	21	43.9	31	0.9	0.445	74,515	24.7%	10.6%
Mixed Residential/Commercial Use	0.0	30	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	3	1.1	31	0.9	0.060	1,246	0.4%	9.2%
Wetland	1,282.1	4	2.4	31	0.9	0.072	2,322	0.8%	10.8%
Water	10.6	4	100.0	31	0.9	0.950	255	0.1%	0.1%
Active Agriculture	609.7	3	0.1	31	0.9	0.051	589	0.2%	5.1%
Urban Open	313.7	3	4.2	31	0.9	0.088	523	0.2%	2.6%
Industrial	999.9	24	61.9	31	0.9	0.607	92,134	30.5%	8.4%
Total	11,868.8						302,239	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	38	18.8	31	0.9	0.219	76,929	8.4%	12.3%
Medium Density Residential	3,129.2	38	37.8	31	0.9	0.390	293,424	32.2%	26.4%
High Density Residential	1,632.3	14	51.4	31	0.9	0.513	74,080	8.1%	13.8%
Transportation	1,432.2	24	52.9	31	0.9	0.526	114,360	12.6%	12.1%
Commercial	1,212.8	21	56.2	31	0.9	0.556	89,520	9.8%	10.2%
Mixed Residential/Commercial Use	824.7	30	47.0	31	0.9	0.473	72,773	8.0%	6.9%
Forest & Rural Open	244.3	3	1.9	31	0.9	0.067	311	0.0%	2.1%
Wetland	0.0	4	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	4	100.0	31	0.9	0.950	41	0.0%	0.0%
Active Agriculture	233.8	3	2.0	31	0.9	0.068	302	0.0%	2.0%
Urban Open	0.0	3	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	24	75.9	31	0.9	0.733	188,920	20.7%	14.3%
Total	11,869.3						910,659	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	38	2.4	31	0.9	0.072	25,128	4.5%	12.3%
Medium Density Residential	3,129.2	38	16.6	31	0.9	0.199	149,946	27.0%	26.4%
High Density Residential	1,632.3	14	30.3	31	0.9	0.323	46,636	8.4%	13.8%
Transportation	1,432.2	24	22.7	31	0.9	0.254	55,278	10.0%	12.1%
Commercial	1,212.8	21	43.9	31	0.9	0.445	71,690	12.9%	10.2%
Mixed Residential/Commercial Use	824.7	30	30.3	31	0.9	0.322	49,580	8.9%	6.9%
Forest & Rural Open	244.3	3	1.1	31	0.9	0.060	278	0.1%	2.1%
Wetland	0.0	4	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	4	100.0	31	0.9	0.950	41	0.0%	0.0%
Active Agriculture	233.8	3	0.1	31	0.9	0.051	226	0.0%	2.0%
Urban Open	0.0	3	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	24	61.9	31	0.9	0.607	156,450	28.2%	14.3%
Total	11,869.3						555,251	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	38	18.8	31	0.9	0.219	156,523	38.7%	36.4%
Medium Density Residential	0.0	38	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	14	51.4	31	0.9	0.513	14,786	3.7%	4.0%
Transportation	993.0	24	52.9	31	0.9	0.526	79,290	19.6%	12.2%
Commercial	876.0	21	56.2	31	0.9	0.556	64,660	16.0%	10.7%
Mixed Residential/Commercial Use	0.0	30	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	3	1.9	31	0.9	0.067	781	0.2%	7.5%
Wetland	665.8	4	2.4	31	0.9	0.072	1,206	0.3%	8.2%
Water	132.1	4	100.0	31	0.9	0.950	3,175	0.8%	1.6%
Active Agriculture	643.3	3	2.0	31	0.9	0.068	830	0.2%	7.9%
Urban Open	197.8	3	10.9	31	0.9	0.148	556	0.1%	2.4%
Industrial	739.4	24	75.9	31	0.9	0.733	82,271	20.4%	9.1%
Total	8,158.4						404,077	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	38	2.4	31	0.9	0.072	51,127	22.8%	36.4%
Medium Density Residential	0.0	38	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	14	30.3	31	0.9	0.323	9,308	4.1%	4.0%
Transportation	993.0	24	22.7	31	0.9	0.254	38,326	17.1%	12.2%
Commercial	876.0	21	43.9	31	0.9	0.445	51,781	23.0%	10.7%
Mixed Residential/Commercial Use	0.0	30	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	3	1.1	31	0.9	0.060	698	0.3%	7.5%
Wetland	665.8	4	2.4	31	0.9	0.072	1,206	0.5%	8.2%
Water	132.1	4	100.0	31	0.9	0.950	3,175	1.4%	1.6%
Active Agriculture	643.3	3	0.1	31	0.9	0.051	621	0.3%	7.9%
Urban Open	197.8	3	4.2	31	0.9	0.088	329	0.1%	2.4%
Industrial	739.4	24	61.9	31	0.9	0.607	68,131	30.3%	9.1%
Total	8,158.4						224,702	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	38	18.8	31	0.9	0.219	85,942	14.3%	20.0%
Medium Density Residential	1,329.9	38	37.8	31	0.9	0.390	124,704	20.7%	16.3%
High Density Residential	1,030.1	14	51.4	31	0.9	0.513	46,750	7.8%	12.6%
Transportation	1,492.3	24	52.9	31	0.9	0.526	119,159	19.8%	18.3%
Commercial	1,094.4	21	56.2	31	0.9	0.556	80,780	13.4%	13.4%
Mixed Residential/Commercial Use	508.8	30	47.0	31	0.9	0.473	44,897	7.5%	6.2%
Forest & Rural Open	81.1	3	1.9	31	0.9	0.067	103	0.0%	1.0%
Wetland	0.0	4	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	4	100.0	31	0.9	0.950	2,879	0.5%	1.5%
Active Agriculture	0.0	3	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	3	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	24	75.9	31	0.9	0.733	96,958	16.1%	10.7%
Total	8,159.3						602,173	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Biochemical Oxygen Demand (lbs.)

Land Use Category	Acres (Au)	BOD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	BOD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	38	2.4	31	0.9	0.072	28,072	7.9%	20.0%
Medium Density Residential	1,329.9	38	16.6	31	0.9	0.199	63,726	17.8%	16.3%
High Density Residential	1,030.1	14	30.3	31	0.9	0.323	29,431	8.2%	12.6%
Transportation	1,492.3	24	22.7	31	0.9	0.254	57,598	16.1%	18.3%
Commercial	1,094.4	21	43.9	31	0.9	0.445	64,691	18.1%	13.4%
Mixed Residential/Commercial Use	508.8	30	30.3	31	0.9	0.322	30,588	8.6%	6.2%
Forest & Rural Open	81.1	3	1.1	31	0.9	0.060	92	0.0%	1.0%
Wetland	0.0	4	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	4	100.0	31	0.9	0.950	2,879	0.8%	1.5%
Active Agriculture	0.0	3	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	3	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	24	61.9	31	0.9	0.607	80,294	22.5%	10.7%
Total	8,159.3						357,371	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	124	18.8	31	0.9	0.219	838,744	56.5%	62.6%
Medium Density Residential	0.0	124	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	79	51.4	31	0.9	0.513	22,280	1.5%	1.1%
Transportation	315.1	103	52.9	31	0.9	0.526	107,981	7.3%	4.0%
Commercial	1,154.5	80	56.2	31	0.9	0.556	324,634	21.9%	14.8%
Mixed Residential/Commercial Use	0.0	102	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	27	1.9	31	0.9	0.067	4,480	0.3%	5.0%
Wetland	235.8	6	2.4	31	0.9	0.072	641	0.0%	3.0%
Water	8.7	6	100.0	31	0.9	0.950	314	0.0%	0.1%
Active Agriculture	28.7	53	2.0	31	0.9	0.068	654	0.0%	0.4%
Urban Open	242.9	27	10.9	31	0.9	0.148	6,142	0.4%	3.1%
Industrial	453.1	85	75.9	31	0.9	0.733	178,553	12.0%	5.8%
Total	7,796.3						1,484,423	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	124	2.4	31	0.9	0.072	273,969	36.2%	62.6%
Medium Density Residential	0.0	124	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	79	30.3	31	0.9	0.323	14,026	1.9%	1.1%
Transportation	315.1	103	22.7	31	0.9	0.254	52,194	6.9%	4.0%
Commercial	1,154.5	80	43.9	31	0.9	0.445	259,976	34.3%	14.8%
Mixed Residential/Commercial Use	0.0	102	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	27	1.1	31	0.9	0.060	3,999	0.5%	5.0%
Wetland	235.8	6	2.4	31	0.9	0.072	641	0.1%	3.0%
Water	8.7	6	100.0	31	0.9	0.950	314	0.0%	0.1%
Active Agriculture	28.7	53	0.1	31	0.9	0.051	490	0.1%	0.4%
Urban Open	242.9	27	4.2	31	0.9	0.088	3,641	0.5%	3.1%
Industrial	453.1	85	61.9	31	0.9	0.607	147,865	19.5%	5.8%
Total	7,796.3						757,115	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	124	18.8	31	0.9	0.219	406,179	20.0%	30.3%
Medium Density Residential	1,720.1	124	37.8	31	0.9	0.390	526,326	25.9%	22.1%
High Density Residential	1,224.5	79	51.4	31	0.9	0.513	313,586	15.4%	15.7%
Transportation	137.9	103	52.9	31	0.9	0.526	47,257	2.3%	1.8%
Commercial	1,380.1	80	56.2	31	0.9	0.556	388,071	19.1%	17.7%
Mixed Residential/Commercial Use	0.0	102	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	27	1.9	31	0.9	0.067	922	0.0%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	6	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	53	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	27	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	85	75.9	31	0.9	0.733	350,802	17.3%	11.4%
Total	7,796.3						2,033,142	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	124	2.4	31	0.9	0.072	132,675	10.8%	30.3%
Medium Density Residential	1,720.1	124	16.6	31	0.9	0.199	268,963	22.0%	22.1%
High Density Residential	1,224.5	79	30.3	31	0.9	0.323	197,413	16.1%	15.7%
Transportation	137.9	103	22.7	31	0.9	0.254	22,842	1.9%	1.8%
Commercial	1,380.1	80	43.9	31	0.9	0.445	310,778	25.4%	17.7%
Mixed Residential/Commercial Use	0.0	102	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	27	1.1	31	0.9	0.060	823	0.1%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	6	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	53	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	27	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	85	61.9	31	0.9	0.607	290,508	23.7%	11.4%
Total	7,796.3						1,224,003	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	124	18.8	31	0.9	0.219	892,494	43.6%	43.7%
Medium Density Residential	0.0	124	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	79	51.4	31	0.9	0.513	32,549	1.6%	1.1%
Transportation	976.4	103	52.9	31	0.9	0.526	334,599	16.4%	8.2%
Commercial	1,260.6	80	56.2	31	0.9	0.556	354,469	17.3%	10.6%
Mixed Residential/Commercial Use	0.0	102	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	27	1.9	31	0.9	0.067	12,563	0.6%	9.2%
Wetland	1,282.1	6	2.4	31	0.9	0.072	3,483	0.2%	10.8%
Water	10.6	6	100.0	31	0.9	0.950	382	0.0%	0.1%
Active Agriculture	609.7	53	2.0	31	0.9	0.068	13,896	0.7%	5.1%
Urban Open	313.7	27	10.9	31	0.9	0.148	7,933	0.4%	2.6%
Industrial	999.9	85	75.9	31	0.9	0.733	394,031	19.3%	8.4%
Total	11,868.8						2,046,400	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	124	2.4	31	0.9	0.072	291,526	26.2%	43.7%
Medium Density Residential	0.0	124	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	79	30.3	31	0.9	0.323	20,491	1.8%	1.1%
Transportation	976.4	103	22.7	31	0.9	0.254	161,735	14.5%	8.2%
Commercial	1,260.6	80	43.9	31	0.9	0.445	283,868	25.5%	10.6%
Mixed Residential/Commercial Use	0.0	102	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	27	1.1	31	0.9	0.060	11,215	1.0%	9.2%
Wetland	1,282.1	6	2.4	31	0.9	0.072	3,483	0.3%	10.8%
Water	10.6	6	100.0	31	0.9	0.950	382	0.0%	0.1%
Active Agriculture	609.7	53	0.1	31	0.9	0.051	10,402	0.9%	5.1%
Urban Open	313.7	27	4.2	31	0.9	0.088	4,703	0.4%	2.6%
Industrial	999.9	85	61.9	31	0.9	0.607	326,308	29.3%	8.4%
Total	11,868.8						1,114,113	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	124	18.8	31	0.9	0.219	251,030	7.4%	12.3%
Medium Density Residential	3,129.2	124	37.8	31	0.9	0.390	957,490	28.3%	26.4%
High Density Residential	1,632.3	79	51.4	31	0.9	0.513	418,020	12.3%	13.8%
Transportation	1,432.2	103	52.9	31	0.9	0.526	490,796	14.5%	12.1%
Commercial	1,212.8	80	56.2	31	0.9	0.556	341,028	10.1%	10.2%
Mixed Residential/Commercial Use	824.7	102	47.0	31	0.9	0.473	251,622	7.4%	6.9%
Forest & Rural Open	244.3	27	1.9	31	0.9	0.067	2,799	0.1%	2.1%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	6	100.0	31	0.9	0.950	61	0.0%	0.0%
Active Agriculture	233.8	53	2.0	31	0.9	0.068	5,329	0.2%	2.0%
Urban Open	0.0	27	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	85	75.9	31	0.9	0.733	669,092	19.8%	14.3%
Total	11,869.3						3,387,268	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	124	2.4	31	0.9	0.072	81,997	3.9%	12.3%
Medium Density Residential	3,129.2	124	16.6	31	0.9	0.199	489,296	23.6%	26.4%
High Density Residential	1,632.3	79	30.3	31	0.9	0.323	263,159	12.7%	13.8%
Transportation	1,432.2	103	22.7	31	0.9	0.254	237,235	11.4%	12.1%
Commercial	1,212.8	80	43.9	31	0.9	0.445	273,104	13.1%	10.2%
Mixed Residential/Commercial Use	824.7	102	30.3	31	0.9	0.322	171,428	8.3%	6.9%
Forest & Rural Open	244.3	27	1.1	31	0.9	0.060	2,499	0.1%	2.1%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	6	100.0	31	0.9	0.950	61	0.0%	0.0%
Active Agriculture	233.8	53	0.1	31	0.9	0.051	3,989	0.2%	2.0%
Urban Open	0.0	27	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	85	61.9	31	0.9	0.607	554,094	26.7%	14.3%
Total	11,869.3						2,076,862	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	124	18.8	31	0.9	0.219	510,758	33.9%	36.4%
Medium Density Residential	0.0	124	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	79	51.4	31	0.9	0.513	83,435	5.5%	4.0%
Transportation	993.0	103	52.9	31	0.9	0.526	340,288	22.6%	12.2%
Commercial	876.0	80	56.2	31	0.9	0.556	246,323	16.4%	10.7%
Mixed Residential/Commercial Use	0.0	102	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	27	1.9	31	0.9	0.067	7,032	0.5%	7.5%
Wetland	665.8	6	2.4	31	0.9	0.072	1,809	0.1%	8.2%
Water	132.1	6	100.0	31	0.9	0.950	4,762	0.3%	1.6%
Active Agriculture	643.3	53	2.0	31	0.9	0.068	14,662	1.0%	7.9%
Urban Open	197.8	27	10.9	31	0.9	0.148	5,002	0.3%	2.4%
Industrial	739.4	85	75.9	31	0.9	0.733	291,376	19.4%	9.1%
Total	8,158.4						1,505,446	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	124	2.4	31	0.9	0.072	166,835	19.6%	36.4%
Medium Density Residential	0.0	124	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	79	30.3	31	0.9	0.323	52,525	6.2%	4.0%
Transportation	993.0	103	22.7	31	0.9	0.254	164,484	19.4%	12.2%
Commercial	876.0	80	43.9	31	0.9	0.445	197,262	23.2%	10.7%
Mixed Residential/Commercial Use	0.0	102	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	27	1.1	31	0.9	0.060	6,278	0.7%	7.5%
Wetland	665.8	6	2.4	31	0.9	0.072	1,809	0.2%	8.2%
Water	132.1	6	100.0	31	0.9	0.950	4,762	0.6%	1.6%
Active Agriculture	643.3	53	0.1	31	0.9	0.051	10,975	1.3%	7.9%
Urban Open	197.8	27	4.2	31	0.9	0.088	2,965	0.3%	2.4%
Industrial	739.4	85	61.9	31	0.9	0.607	241,296	28.4%	9.1%
Total	8,158.4						849,192	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	124	18.8	31	0.9	0.219	280,441	12.3%	20.0%
Medium Density Residential	1,329.9	124	37.8	31	0.9	0.390	406,930	17.9%	16.3%
High Density Residential	1,030.1	79	51.4	31	0.9	0.513	263,801	11.6%	12.6%
Transportation	1,492.3	103	52.9	31	0.9	0.526	511,392	22.5%	18.3%
Commercial	1,094.4	80	56.2	31	0.9	0.556	307,735	13.5%	13.4%
Mixed Residential/Commercial Use	508.8	102	47.0	31	0.9	0.473	155,239	6.8%	6.2%
Forest & Rural Open	81.1	27	1.9	31	0.9	0.067	929	0.0%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	6	100.0	31	0.9	0.950	4,318	0.2%	1.5%
Active Agriculture	0.0	53	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	27	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	85	75.9	31	0.9	0.733	343,393	15.1%	10.7%
Total	8,159.3						2,274,178	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Chemical Oxygen Demand (lb./year)

Land Use Category	Acres (Au)	COD Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	COD Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	124	2.4	31	0.9	0.072	91,604	6.8%	20.0%
Medium Density Residential	1,329.9	124	16.6	31	0.9	0.199	207,949	15.4%	16.3%
High Density Residential	1,030.1	79	30.3	31	0.9	0.323	166,072	12.3%	12.6%
Transportation	1,492.3	103	22.7	31	0.9	0.254	247,190	18.2%	18.3%
Commercial	1,094.4	80	43.9	31	0.9	0.445	246,442	18.2%	13.4%
Mixed Residential/Commercial Use	508.8	102	30.3	31	0.9	0.322	105,763	7.8%	6.2%
Forest & Rural Open	81.1	27	1.1	31	0.9	0.060	829	0.1%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	6	100.0	31	0.9	0.950	4,318	0.3%	1.5%
Active Agriculture	0.0	53	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	27	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	85	61.9	31	0.9	0.607	284,373	21.0%	10.7%
Total	8,159.3						1,354,542	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.6	70	18.8	31	0.9	0.219	473,494	36.5%	62.6%
Medium Density Residential	0.0	70	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	97	51.4	31	0.9	0.513	27,357	2.1%	1.1%
Transportation	315.1	141	52.9	31	0.9	0.526	147,818	11.4%	4.0%
Commercial	1,154.4	77	56.2	31	0.9	0.556	312,433	24.1%	14.8%
Mixed Residential/Commercial Use	0.0	74	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	390.9	51	1.9	31	0.9	0.067	8,460	0.7%	5.0%
Wetland	235.8	6	2.4	31	0.9	0.072	641	0.0%	3.0%
Water	8.7	6	100.0	31	0.9	0.950	314	0.0%	0.1%
Active Agriculture	28.7	145	2.0	31	0.9	0.068	1,790	0.1%	0.4%
Urban Open	242.9	51	10.9	31	0.9	0.148	11,602	0.9%	3.1%
Industrial	453.2	149	75.9	31	0.9	0.733	313,063	24.1%	5.8%
Total	7,796.3						1,296,971	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.6	70	2.4	31	0.9	0.072	154,663	20.1%	62.6%
Medium Density Residential	0.0	70	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	97	30.3	31	0.9	0.323	17,222	2.2%	1.1%
Transportation	315.1	141	22.7	31	0.9	0.254	71,451	9.3%	4.0%
Commercial	1,154.4	77	43.9	31	0.9	0.445	250,205	32.5%	14.8%
Mixed Residential/Commercial Use	0.0	74	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	390.9	51	1.1	31	0.9	0.060	7,552	1.0%	5.0%
Wetland	235.8	6	2.4	31	0.9	0.072	641	0.1%	3.0%
Water	8.7	6	100.0	31	0.9	0.950	314	0.0%	0.1%
Active Agriculture	28.7	145	0.1	31	0.9	0.051	1,340	0.2%	0.4%
Urban Open	242.9	51	4.2	31	0.9	0.088	6,878	0.9%	3.1%
Industrial	453.2	149	61.9	31	0.9	0.607	259,256	33.7%	5.8%
Total	7,796.3						769,521	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,362.9	70	18.8	31	0.9	0.219	229,285	11.7%	30.3%
Medium Density Residential	1,720.1	70	37.8	31	0.9	0.390	297,119	15.1%	22.1%
High Density Residential	1,224.5	97	51.4	31	0.9	0.513	385,036	19.6%	15.7%
Transportation	138.0	141	52.9	31	0.9	0.526	64,738	3.3%	1.8%
Commercial	1,380.1	77	56.2	31	0.9	0.556	373,518	19.0%	17.7%
Mixed Residential/Commercial Use	0.0	74	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	51	1.9	31	0.9	0.067	1,742	0.1%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	6	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	145	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	51	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.1	149	75.9	31	0.9	0.733	614,866	31.3%	11.4%
Total	7,796.2						1,966,304	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,362.9	70	2.4	31	0.9	0.072	74,894	5.7%	30.3%
Medium Density Residential	1,720.1	70	16.6	31	0.9	0.199	151,834	11.6%	22.1%
High Density Residential	1,224.5	97	30.3	31	0.9	0.323	242,394	18.5%	15.7%
Transportation	138.0	141	22.7	31	0.9	0.254	31,292	2.4%	1.8%
Commercial	1,380.1	77	43.9	31	0.9	0.445	299,124	22.8%	17.7%
Mixed Residential/Commercial Use	0.0	74	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	51	1.1	31	0.9	0.060	1,555	0.1%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	6	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	145	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	51	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.1	149	61.9	31	0.9	0.607	509,187	38.9%	11.4%
Total	7,796.2						1,310,280	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,183.0	70	18.8	31	0.9	0.219	502,935	23.8%	43.7%
Medium Density Residential	0.0	70	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.2	97	51.4	31	0.9	0.513	39,997	1.9%	1.1%
Transportation	976.4	141	52.9	31	0.9	0.526	458,044	21.7%	8.2%
Commercial	1,258.9	77	56.2	31	0.9	0.556	340,716	16.1%	10.6%
Mixed Residential/Commercial Use	0.0	74	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,095.8	51	1.9	31	0.9	0.067	23,715	1.1%	9.2%
Wetland	1,282.2	6	2.4	31	0.9	0.072	3,483	0.2%	10.8%
Water	10.6	6	100.0	31	0.9	0.950	382	0.0%	0.1%
Active Agriculture	609.8	145	2.0	31	0.9	0.068	38,024	1.8%	5.1%
Urban Open	312.6	51	10.9	31	0.9	0.148	14,932	0.7%	2.6%
Industrial	999.4	149	75.9	31	0.9	0.733	690,368	32.7%	8.4%
Total	11,855.9						2,112,595	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,183.0	70	2.4	31	0.9	0.072	164,280	12.5%	43.7%
Medium Density Residential	0.0	70	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.2	97	30.3	31	0.9	0.323	25,180	1.9%	1.1%
Transportation	976.4	141	22.7	31	0.9	0.254	221,404	16.8%	8.2%
Commercial	1,258.9	77	43.9	31	0.9	0.445	272,855	20.7%	10.6%
Mixed Residential/Commercial Use	0.0	74	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,095.8	51	1.1	31	0.9	0.060	21,170	1.6%	9.2%
Wetland	1,282.2	6	2.4	31	0.9	0.072	3,483	0.3%	10.8%
Water	10.6	6	100.0	31	0.9	0.950	382	0.0%	0.1%
Active Agriculture	609.8	145	0.1	31	0.9	0.051	28,462	2.2%	5.1%
Urban Open	312.6	51	4.2	31	0.9	0.088	8,852	0.7%	2.6%
Industrial	999.4	149	61.9	31	0.9	0.607	571,713	43.4%	8.4%
Total	11,855.9						1,317,780	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,459.3	70	18.8	31	0.9	0.219	141,604	4.0%	12.3%
Medium Density Residential	3,121.3	70	37.8	31	0.9	0.390	539,154	15.1%	26.3%
High Density Residential	1,630.3	97	51.4	31	0.9	0.513	512,637	14.4%	13.7%
Transportation	1,432.1	141	52.9	31	0.9	0.526	671,820	18.8%	12.1%
Commercial	1,212.2	77	56.2	31	0.9	0.556	328,077	9.2%	10.2%
Mixed Residential/Commercial Use	824.8	74	47.0	31	0.9	0.473	181,338	5.1%	7.0%
Forest & Rural Open	244.3	51	1.9	31	0.9	0.067	5,287	0.1%	2.1%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	6	100.0	31	0.9	0.950	61	0.0%	0.0%
Active Agriculture	233.6	145	2.0	31	0.9	0.068	14,566	0.4%	2.0%
Urban Open	0.0	51	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.8	149	75.9	31	0.9	0.733	1,172,811	32.9%	14.3%
Total	11,857.4						3,567,354	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,459.3	70	2.4	31	0.9	0.072	46,254	2.0%	12.3%
Medium Density Residential	3,121.3	70	16.6	31	0.9	0.199	275,518	11.8%	26.3%
High Density Residential	1,630.3	97	30.3	31	0.9	0.323	322,723	13.8%	13.7%
Transportation	1,432.1	141	22.7	31	0.9	0.254	324,736	13.9%	12.1%
Commercial	1,212.2	77	43.9	31	0.9	0.445	262,733	11.2%	10.2%
Mixed Residential/Commercial Use	824.8	74	30.3	31	0.9	0.322	123,544	5.3%	7.0%
Forest & Rural Open	244.3	51	1.1	31	0.9	0.060	4,720	0.2%	2.1%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	6	100.0	31	0.9	0.950	61	0.0%	0.0%
Active Agriculture	233.6	145	0.1	31	0.9	0.051	10,903	0.5%	2.0%
Urban Open	0.0	51	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.8	149	61.9	31	0.9	0.607	971,236	41.5%	14.3%
Total	11,857.4						2,342,428	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	70	18.8	31	0.9	0.219	288,331	17.2%	36.4%
Medium Density Residential	0.0	70	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.7	97	51.4	31	0.9	0.513	102,414	6.1%	4.0%
Transportation	993.1	141	52.9	31	0.9	0.526	465,878	27.8%	12.2%
Commercial	875.8	77	56.2	31	0.9	0.556	237,032	14.2%	10.7%
Mixed Residential/Commercial Use	0.0	74	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.7	51	1.9	31	0.9	0.067	13,281	0.8%	7.5%
Wetland	665.7	6	2.4	31	0.9	0.072	1,809	0.1%	8.2%
Water	132.0	6	100.0	31	0.9	0.950	4,758	0.3%	1.6%
Active Agriculture	643.3	145	2.0	31	0.9	0.068	40,113	2.4%	7.9%
Urban Open	197.8	51	10.9	31	0.9	0.148	9,448	0.6%	2.4%
Industrial	739.3	149	75.9	31	0.9	0.733	510,696	30.5%	9.1%
Total	8,157.8						1,673,759	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	70	2.4	31	0.9	0.072	94,181	9.0%	36.4%
Medium Density Residential	0.0	70	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.7	97	30.3	31	0.9	0.323	64,473	6.1%	4.0%
Transportation	993.1	141	22.7	31	0.9	0.254	225,191	21.4%	12.2%
Commercial	875.8	77	43.9	31	0.9	0.445	189,821	18.1%	10.7%
Mixed Residential/Commercial Use	0.0	74	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.7	51	1.1	31	0.9	0.060	11,856	1.1%	7.5%
Wetland	665.7	6	2.4	31	0.9	0.072	1,809	0.2%	8.2%
Water	132.0	6	100.0	31	0.9	0.950	4,758	0.5%	1.6%
Active Agriculture	643.3	145	0.1	31	0.9	0.051	30,026	2.9%	7.9%
Urban Open	197.8	51	4.2	31	0.9	0.088	5,601	0.5%	2.4%
Industrial	739.3	149	61.9	31	0.9	0.607	422,921	40.3%	9.1%
Total	8,157.8						1,050,637	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	70	18.8	31	0.9	0.219	158,313	6.5%	20.0%
Medium Density Residential	1,330.0	70	37.8	31	0.9	0.390	229,736	9.5%	16.3%
High Density Residential	1,030.0	97	51.4	31	0.9	0.513	323,876	13.3%	12.6%
Transportation	1,492.2	141	52.9	31	0.9	0.526	700,013	28.8%	18.3%
Commercial	1,094.4	77	56.2	31	0.9	0.556	296,195	12.2%	13.4%
Mixed Residential/Commercial Use	508.8	74	47.0	31	0.9	0.473	111,863	4.6%	6.2%
Forest & Rural Open	81.0	51	1.9	31	0.9	0.067	1,753	0.1%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	6	100.0	31	0.9	0.950	4,318	0.2%	1.5%
Active Agriculture	0.0	145	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	51	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	149	75.9	31	0.9	0.733	601,948	24.8%	10.7%
Total	8,159.1						2,428,016	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Suspended Solids (lbs.)

Land Use Category	Acres (Au)	TSS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TSS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	70	2.4	31	0.9	0.072	51,712	3.4%	20.0%
Medium Density Residential	1,330.0	70	16.6	31	0.9	0.199	117,400	7.7%	16.3%
High Density Residential	1,030.0	97	30.3	31	0.9	0.323	203,892	13.3%	12.6%
Transportation	1,492.2	141	22.7	31	0.9	0.254	338,364	22.1%	18.3%
Commercial	1,094.4	77	43.9	31	0.9	0.445	237,201	15.5%	13.4%
Mixed Residential/Commercial Use	508.8	74	30.3	31	0.9	0.322	76,211	5.0%	6.2%
Forest & Rural Open	81.0	51	1.1	31	0.9	0.060	1,565	0.1%	1.0%
Wetland	0.0	6	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	6	100.0	31	0.9	0.950	4,318	0.3%	1.5%
Active Agriculture	0.0	145	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	51	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	149	61.9	31	0.9	0.607	498,489	32.6%	10.7%
Total	8,159.1						1,529,152	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	144	18.8	31	0.9	0.219	974,025	31.2%	62.6%
Medium Density Residential	0.0	144	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	189	51.4	31	0.9	0.513	53,303	1.7%	1.1%
Transportation	315.1	294	52.9	31	0.9	0.526	308,217	9.9%	4.0%
Commercial	1,154.5	294	56.2	31	0.9	0.556	1,193,031	38.2%	14.8%
Mixed Residential/Commercial Use	0.0	219	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	415	1.9	31	0.9	0.067	68,856	2.2%	5.0%
Wetland	235.8	12	2.4	31	0.9	0.072	1,281	0.0%	3.0%
Water	8.7	12	100.0	31	0.9	0.950	627	0.0%	0.1%
Active Agriculture	28.7	415	2.0	31	0.9	0.068	5,122	0.2%	0.4%
Urban Open	242.9	415	10.9	31	0.9	0.148	94,411	3.0%	3.1%
Industrial	453.1	202	75.9	31	0.9	0.733	424,327	13.6%	5.8%
Total	7,796.3						3,123,199	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	144	2.4	31	0.9	0.072	318,158	16.5%	62.6%
Medium Density Residential	0.0	144	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	189	30.3	31	0.9	0.323	33,556	1.7%	1.1%
Transportation	315.1	294	22.7	31	0.9	0.254	148,982	7.7%	4.0%
Commercial	1,154.5	294	43.9	31	0.9	0.445	955,412	49.5%	14.8%
Mixed Residential/Commercial Use	0.0	219	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	415	1.1	31	0.9	0.060	61,467	3.2%	5.0%
Wetland	235.8	12	2.4	31	0.9	0.072	1,281	0.1%	3.0%
Water	8.7	12	100.0	31	0.9	0.950	627	0.0%	0.1%
Active Agriculture	28.7	415	0.1	31	0.9	0.051	3,834	0.2%	0.4%
Urban Open	242.9	415	4.2	31	0.9	0.088	55,971	2.9%	3.1%
Industrial	453.1	202	61.9	31	0.9	0.607	351,397	18.2%	5.8%
Total	7,796.3						1,930,685	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	144	18.8	31	0.9	0.219	471,692	11.1%	30.3%
Medium Density Residential	1,720.1	144	37.8	31	0.9	0.390	611,217	14.4%	22.1%
High Density Residential	1,224.5	189	51.4	31	0.9	0.513	750,224	17.7%	15.7%
Transportation	137.9	294	52.9	31	0.9	0.526	134,888	3.2%	1.8%
Commercial	1,380.1	294	56.2	31	0.9	0.556	1,426,160	33.6%	17.7%
Mixed Residential/Commercial Use	0.0	219	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	415	1.9	31	0.9	0.067	14,176	0.3%	1.0%
Wetland	0.0	12	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	12	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	415	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	415	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	202	75.9	31	0.9	0.733	833,670	19.7%	11.4%
Total	7,796.3						4,242,027	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	144	2.4	31	0.9	0.072	154,075	5.4%	30.3%
Medium Density Residential	1,720.1	144	16.6	31	0.9	0.199	312,344	11.0%	22.1%
High Density Residential	1,224.5	189	30.3	31	0.9	0.323	472,293	16.6%	15.7%
Transportation	137.9	294	22.7	31	0.9	0.254	65,200	2.3%	1.8%
Commercial	1,380.1	294	43.9	31	0.9	0.445	1,142,108	40.1%	17.7%
Mixed Residential/Commercial Use	0.0	219	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	415	1.1	31	0.9	0.060	12,655	0.4%	1.0%
Wetland	0.0	12	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	12	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	415	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	415	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	202	61.9	31	0.9	0.607	690,385	24.2%	11.4%
Total	7,796.3						2,849,060	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	144	18.8	31	0.9	0.219	1,036,445	21.9%	43.7%
Medium Density Residential	0.0	144	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	189	51.4	31	0.9	0.513	77,871	1.6%	1.1%
Transportation	976.4	294	52.9	31	0.9	0.526	955,070	20.1%	8.2%
Commercial	1,260.6	294	56.2	31	0.9	0.556	1,302,672	27.5%	10.6%
Mixed Residential/Commercial Use	0.0	219	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	415	1.9	31	0.9	0.067	193,095	4.1%	9.2%
Wetland	1,282.1	12	2.4	31	0.9	0.072	6,966	0.1%	10.8%
Water	10.6	12	100.0	31	0.9	0.950	764	0.0%	0.1%
Active Agriculture	609.7	415	2.0	31	0.9	0.068	108,809	2.3%	5.1%
Urban Open	313.7	415	10.9	31	0.9	0.148	121,930	2.6%	2.6%
Industrial	999.9	202	75.9	31	0.9	0.733	936,403	19.8%	8.4%
Total	11,868.8						4,740,026	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	144	2.4	31	0.9	0.072	338,547	11.3%	43.7%
Medium Density Residential	0.0	144	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	189	30.3	31	0.9	0.323	49,023	1.6%	1.1%
Transportation	976.4	294	22.7	31	0.9	0.254	461,651	15.4%	8.2%
Commercial	1,260.6	294	43.9	31	0.9	0.445	1,043,216	34.8%	10.6%
Mixed Residential/Commercial Use	0.0	219	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	415	1.1	31	0.9	0.060	172,375	5.7%	9.2%
Wetland	1,282.1	12	2.4	31	0.9	0.072	6,966	0.2%	10.8%
Water	10.6	12	100.0	31	0.9	0.950	764	0.0%	0.1%
Active Agriculture	609.7	415	0.1	31	0.9	0.051	81,447	2.7%	5.1%
Urban Open	313.7	415	4.2	31	0.9	0.088	72,285	2.4%	2.6%
Industrial	999.9	202	61.9	31	0.9	0.607	775,461	25.8%	8.4%
Total	11,868.8						3,901,735	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	144	18.8	31	0.9	0.219	291,519	4.0%	12.3%
Medium Density Residential	3,129.2	144	37.8	31	0.9	0.390	1,111,924	15.3%	26.4%
High Density Residential	1,632.3	189	51.4	31	0.9	0.513	1,000,074	13.8%	13.8%
Transportation	1,432.2	294	52.9	31	0.9	0.526	1,400,913	19.3%	12.1%
Commercial	1,212.8	294	56.2	31	0.9	0.556	1,253,277	17.2%	10.2%
Mixed Residential/Commercial Use	824.7	219	47.0	31	0.9	0.473	540,248	7.4%	6.9%
Forest & Rural Open	244.3	415	1.9	31	0.9	0.067	43,022	0.6%	2.1%
Wetland	0.0	12	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	12	100.0	31	0.9	0.950	123	0.0%	0.0%
Active Agriculture	233.8	415	2.0	31	0.9	0.068	41,725	0.6%	2.0%
Urban Open	0.0	415	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	202	75.9	31	0.9	0.733	1,590,078	21.9%	14.3%
Total	11,869.3						7,272,902	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	144	2.4	31	0.9	0.072	95,222	2.0%	12.3%
Medium Density Residential	3,129.2	144	16.6	31	0.9	0.199	568,215	12.0%	26.4%
High Density Residential	1,632.3	189	30.3	31	0.9	0.323	629,582	13.3%	13.8%
Transportation	1,432.2	294	22.7	31	0.9	0.254	677,157	14.3%	12.1%
Commercial	1,212.8	294	43.9	31	0.9	0.445	1,003,659	21.2%	10.2%
Mixed Residential/Commercial Use	824.7	219	30.3	31	0.9	0.322	368,065	7.8%	6.9%
Forest & Rural Open	244.3	415	1.1	31	0.9	0.060	38,405	0.8%	2.1%
Wetland	0.0	12	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	12	100.0	31	0.9	0.950	123	0.0%	0.0%
Active Agriculture	233.8	415	0.1	31	0.9	0.051	31,232	0.7%	2.0%
Urban Open	0.0	415	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	202	61.9	31	0.9	0.607	1,316,787	27.8%	14.3%
Total	11,869.3						4,728,448	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	144	18.8	31	0.9	0.219	593,138	16.1%	36.4%
Medium Density Residential	0.0	144	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	189	51.4	31	0.9	0.513	199,610	5.4%	4.0%
Transportation	993.0	294	52.9	31	0.9	0.526	971,307	26.4%	12.2%
Commercial	876.0	294	56.2	31	0.9	0.556	905,236	24.6%	10.7%
Mixed Residential/Commercial Use	0.0	219	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	415	1.9	31	0.9	0.067	108,091	2.9%	7.5%
Wetland	665.8	12	2.4	31	0.9	0.072	3,618	0.1%	8.2%
Water	132.1	12	100.0	31	0.9	0.950	9,524	0.3%	1.6%
Active Agriculture	643.3	415	2.0	31	0.9	0.068	114,805	3.1%	7.9%
Urban Open	197.8	415	10.9	31	0.9	0.148	76,881	2.1%	2.4%
Industrial	739.4	202	75.9	31	0.9	0.733	692,446	18.8%	9.1%
Total	8,158.4						3,674,657	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	144	2.4	31	0.9	0.072	193,744	8.3%	36.4%
Medium Density Residential	0.0	144	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	189	30.3	31	0.9	0.323	125,662	5.4%	4.0%
Transportation	993.0	294	22.7	31	0.9	0.254	469,499	20.2%	12.2%
Commercial	876.0	294	43.9	31	0.9	0.445	724,938	31.1%	10.7%
Mixed Residential/Commercial Use	0.0	219	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	415	1.1	31	0.9	0.060	96,493	4.1%	7.5%
Wetland	665.8	12	2.4	31	0.9	0.072	3,618	0.2%	8.2%
Water	132.1	12	100.0	31	0.9	0.950	9,524	0.4%	1.6%
Active Agriculture	643.3	415	0.1	31	0.9	0.051	85,935	3.7%	7.9%
Urban Open	197.8	415	4.2	31	0.9	0.088	45,579	2.0%	2.4%
Industrial	739.4	202	61.9	31	0.9	0.607	573,433	24.6%	9.1%
Total	8,158.4						2,328,424	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	144	18.8	31	0.9	0.219	325,673	6.3%	20.0%
Medium Density Residential	1,329.9	144	37.8	31	0.9	0.390	472,564	9.1%	16.3%
High Density Residential	1,030.1	189	51.4	31	0.9	0.513	631,120	12.2%	12.6%
Transportation	1,492.3	294	52.9	31	0.9	0.526	1,459,700	28.1%	18.3%
Commercial	1,094.4	294	56.2	31	0.9	0.556	1,130,925	21.8%	13.4%
Mixed Residential/Commercial Use	508.8	219	47.0	31	0.9	0.473	333,307	6.4%	6.2%
Forest & Rural Open	81.1	415	1.9	31	0.9	0.067	14,282	0.3%	1.0%
Wetland	0.0	12	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	12	100.0	31	0.9	0.950	8,637	0.2%	1.5%
Active Agriculture	0.0	415	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	415	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	202	75.9	31	0.9	0.733	816,064	15.7%	10.7%
Total	8,159.3						5,192,271	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Dissolved Solids (lb./year)

Land Use Category	Acres (Au)	TDS Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TDS Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	144	2.4	31	0.9	0.072	106,379	3.2%	20.0%
Medium Density Residential	1,329.9	144	16.6	31	0.9	0.199	241,490	7.4%	16.3%
High Density Residential	1,030.1	189	30.3	31	0.9	0.323	397,312	12.1%	12.6%
Transportation	1,492.3	294	22.7	31	0.9	0.254	705,573	21.5%	18.3%
Commercial	1,094.4	294	43.9	31	0.9	0.445	905,676	27.6%	13.4%
Mixed Residential/Commercial Use	508.8	219	30.3	31	0.9	0.322	227,078	6.9%	6.2%
Forest & Rural Open	81.1	415	1.1	31	0.9	0.060	12,749	0.4%	1.0%
Wetland	0.0	12	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	12	100.0	31	0.9	0.950	8,637	0.3%	1.5%
Active Agriculture	0.0	415	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	415	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	202	61.9	31	0.9	0.607	675,804	20.6%	10.7%
Total	8,159.3						3,280,698	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.52	18.8	31	0.9	0.219	3,517	57.6%	62.6%
Medium Density Residential	0.0	0.52	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	0.24	51.4	31	0.9	0.513	68	1.1%	1.1%
Transportation	315.1	0.43	52.9	31	0.9	0.526	451	7.4%	4.0%
Commercial	1,154.5	0.33	56.2	31	0.9	0.556	1,339	21.9%	14.8%
Mixed Residential/Commercial Use	0.0	0.43	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0.11	1.9	31	0.9	0.067	18	0.3%	5.0%
Wetland	235.8	0.08	2.4	31	0.9	0.072	9	0.1%	3.0%
Water	8.7	0.08	100.0	31	0.9	0.950	4	0.1%	0.1%
Active Agriculture	28.7	0.37	2.0	31	0.9	0.068	5	0.1%	0.4%
Urban Open	242.9	0.11	10.9	31	0.9	0.148	25	0.4%	3.1%
Industrial	453.1	0.32	75.9	31	0.9	0.733	672	11.0%	5.8%
Total	7,796.3						6,108	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.52	2.4	31	0.9	0.072	1,149	37.2%	62.6%
Medium Density Residential	0.0	0.52	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	0.24	30.3	31	0.9	0.323	43	1.4%	1.1%
Transportation	315.1	0.43	22.7	31	0.9	0.254	218	7.1%	4.0%
Commercial	1,154.5	0.33	43.9	31	0.9	0.445	1,072	34.8%	14.8%
Mixed Residential/Commercial Use	0.0	0.43	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0.11	1.1	31	0.9	0.060	16	0.5%	5.0%
Wetland	235.8	0.08	2.4	31	0.9	0.072	9	0.3%	3.0%
Water	8.7	0.08	100.0	31	0.9	0.950	4	0.1%	0.1%
Active Agriculture	28.7	0.37	0.1	31	0.9	0.051	3	0.1%	0.4%
Urban Open	242.9	0.11	4.2	31	0.9	0.088	15	0.5%	3.1%
Industrial	453.1	0.32	61.9	31	0.9	0.607	557	18.0%	5.8%
Total	7,796.3						3,086	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.52	18.8	31	0.9	0.219	1,703	21.3%	30.3%
Medium Density Residential	1,720.1	0.52	37.8	31	0.9	0.390	2,207	27.6%	22.1%
High Density Residential	1,224.5	0.24	51.4	31	0.9	0.513	953	11.9%	15.7%
Transportation	137.9	0.43	52.9	31	0.9	0.526	197	2.5%	1.8%
Commercial	1,380.1	0.33	56.2	31	0.9	0.556	1,601	20.0%	17.7%
Mixed Residential/Commercial Use	0.0	0.43	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0.11	1.9	31	0.9	0.067	4	0.0%	1.0%
Wetland	0.0	0.08	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.08	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0.37	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.11	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	0.32	75.9	31	0.9	0.733	1,321	16.5%	11.4%
Total	7,796.3						7,986	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.52	2.4	31	0.9	0.072	556	11.7%	30.3%
Medium Density Residential	1,720.1	0.52	16.6	31	0.9	0.199	1,128	23.7%	22.1%
High Density Residential	1,224.5	0.24	30.3	31	0.9	0.323	600	12.6%	15.7%
Transportation	137.9	0.43	22.7	31	0.9	0.254	95	2.0%	1.8%
Commercial	1,380.1	0.33	43.9	31	0.9	0.445	1,282	26.9%	17.7%
Mixed Residential/Commercial Use	0.0	0.43	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0.11	1.1	31	0.9	0.060	3	0.1%	1.0%
Wetland	0.0	0.08	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.08	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0.37	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.11	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	0.32	61.9	31	0.9	0.607	1,094	23.0%	11.4%
Total	7,796.3						4,758	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.52	18.8	31	0.9	0.219	3,743	44.5%	43.7%
Medium Density Residential	0.0	0.52	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	0.24	51.4	31	0.9	0.513	99	1.2%	1.1%
Transportation	976.4	0.43	52.9	31	0.9	0.526	1,397	16.6%	8.2%
Commercial	1,260.6	0.33	56.2	31	0.9	0.556	1,462	17.4%	10.6%
Mixed Residential/Commercial Use	0.0	0.43	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.11	1.9	31	0.9	0.067	51	0.6%	9.2%
Wetland	1,282.1	0.08	2.4	31	0.9	0.072	46	0.6%	10.8%
Water	10.6	0.08	100.0	31	0.9	0.950	5	0.1%	0.1%
Active Agriculture	609.7	0.37	2.0	31	0.9	0.068	97	1.2%	5.1%
Urban Open	313.7	0.11	10.9	31	0.9	0.148	32	0.4%	2.6%
Industrial	999.9	0.32	75.9	31	0.9	0.733	1,483	17.6%	8.4%
Total	11,868.8						8,416	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.52	2.4	31	0.9	0.072	1,223	26.9%	43.7%
Medium Density Residential	0.0	0.52	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	0.24	30.3	31	0.9	0.323	62	1.4%	1.1%
Transportation	976.4	0.43	22.7	31	0.9	0.254	675	14.8%	8.2%
Commercial	1,260.6	0.33	43.9	31	0.9	0.445	1,171	25.7%	10.6%
Mixed Residential/Commercial Use	0.0	0.43	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.11	1.1	31	0.9	0.060	46	1.0%	9.2%
Wetland	1,282.1	0.08	2.4	31	0.9	0.072	46	1.0%	10.8%
Water	10.6	0.08	100.0	31	0.9	0.950	5	0.1%	0.1%
Active Agriculture	609.7	0.37	0.1	31	0.9	0.051	73	1.6%	5.1%
Urban Open	313.7	0.11	4.2	31	0.9	0.088	19	0.4%	2.6%
Industrial	999.9	0.32	61.9	31	0.9	0.607	1,228	27.0%	8.4%
Total	11,868.8						4,548	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.52	18.8	31	0.9	0.219	1,053	7.8%	12.3%
Medium Density Residential	3,129.2	0.52	37.8	31	0.9	0.390	4,015	29.9%	26.4%
High Density Residential	1,632.3	0.24	51.4	31	0.9	0.513	1,270	9.5%	13.8%
Transportation	1,432.2	0.43	52.9	31	0.9	0.526	2,049	15.3%	12.1%
Commercial	1,212.8	0.33	56.2	31	0.9	0.556	1,407	10.5%	10.2%
Mixed Residential/Commercial Use	824.7	0.43	47.0	31	0.9	0.473	1,048	7.8%	6.9%
Forest & Rural Open	244.3	0.11	1.9	31	0.9	0.067	11	0.1%	2.1%
Wetland	0.0	0.08	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.08	100.0	31	0.9	0.950	1	0.0%	0.0%
Active Agriculture	233.8	0.37	2.0	31	0.9	0.068	37	0.3%	2.0%
Urban Open	0.0	0.11	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	0.32	75.9	31	0.9	0.733	2,519	18.8%	14.3%
Total	11,869.3						13,410	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.52	2.4	31	0.9	0.072	344	4.2%	12.3%
Medium Density Residential	3,129.2	0.52	16.6	31	0.9	0.199	2,052	25.2%	26.4%
High Density Residential	1,632.3	0.24	30.3	31	0.9	0.323	799	9.8%	13.8%
Transportation	1,432.2	0.43	22.7	31	0.9	0.254	990	12.2%	12.1%
Commercial	1,212.8	0.33	43.9	31	0.9	0.445	1,127	13.8%	10.2%
Mixed Residential/Commercial Use	824.7	0.43	30.3	31	0.9	0.322	714	8.8%	6.9%
Forest & Rural Open	244.3	0.11	1.1	31	0.9	0.060	10	0.1%	2.1%
Wetland	0.0	0.08	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.08	100.0	31	0.9	0.950	1	0.0%	0.0%
Active Agriculture	233.8	0.37	0.1	31	0.9	0.051	28	0.3%	2.0%
Urban Open	0.0	0.11	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	0.32	61.9	31	0.9	0.607	2,086	25.6%	14.3%
Total	11,869.3						8,151	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.52	18.8	31	0.9	0.219	2,142	34.7%	36.4%
Medium Density Residential	0.0	0.52	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	0.24	51.4	31	0.9	0.513	253	4.1%	4.0%
Transportation	993.0	0.43	52.9	31	0.9	0.526	1,421	23.0%	12.2%
Commercial	876.0	0.33	56.2	31	0.9	0.556	1,016	16.5%	10.7%
Mixed Residential/Commercial Use	0.0	0.43	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0.11	1.9	31	0.9	0.067	29	0.5%	7.5%
Wetland	665.8	0.08	2.4	31	0.9	0.072	24	0.4%	8.2%
Water	132.1	0.08	100.0	31	0.9	0.950	63	1.0%	1.6%
Active Agriculture	643.3	0.37	2.0	31	0.9	0.068	102	1.7%	7.9%
Urban Open	197.8	0.11	10.9	31	0.9	0.148	20	0.3%	2.4%
Industrial	739.4	0.32	75.9	31	0.9	0.733	1,097	17.8%	9.1%
Total	8,158.4						6,168	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.52	2.4	31	0.9	0.072	700	20.2%	36.4%
Medium Density Residential	0.0	0.52	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	0.24	30.3	31	0.9	0.323	160	4.6%	4.0%
Transportation	993.0	0.43	22.7	31	0.9	0.254	687	19.8%	12.2%
Commercial	876.0	0.33	43.9	31	0.9	0.445	814	23.5%	10.7%
Mixed Residential/Commercial Use	0.0	0.43	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0.11	1.1	31	0.9	0.060	26	0.7%	7.5%
Wetland	665.8	0.08	2.4	31	0.9	0.072	24	0.7%	8.2%
Water	132.1	0.08	100.0	31	0.9	0.950	63	1.8%	1.6%
Active Agriculture	643.3	0.37	0.1	31	0.9	0.051	77	2.2%	7.9%
Urban Open	197.8	0.11	4.2	31	0.9	0.088	12	0.3%	2.4%
Industrial	739.4	0.32	61.9	31	0.9	0.607	908	26.2%	9.1%
Total	8,158.4						3,470	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.52	18.8	31	0.9	0.219	1,176	12.9%	20.0%
Medium Density Residential	1,329.9	0.52	37.8	31	0.9	0.390	1,706	18.8%	16.3%
High Density Residential	1,030.1	0.24	51.4	31	0.9	0.513	801	8.8%	12.6%
Transportation	1,492.3	0.43	52.9	31	0.9	0.526	2,135	23.5%	18.3%
Commercial	1,094.4	0.33	56.2	31	0.9	0.556	1,269	14.0%	13.4%
Mixed Residential/Commercial Use	508.8	0.43	47.0	31	0.9	0.473	647	7.1%	6.2%
Forest & Rural Open	81.1	0.11	1.9	31	0.9	0.067	4	0.0%	1.0%
Wetland	0.0	0.08	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.08	100.0	31	0.9	0.950	58	0.6%	1.5%
Active Agriculture	0.0	0.37	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.11	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	0.32	75.9	31	0.9	0.733	1,293	14.2%	10.7%
Total	8,159.3						9,089	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Phosphorus (lb./year)

Land Use Category	Acres (Au)	TP Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	TP Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.52	2.4	31	0.9	0.072	384	7.1%	20.0%
Medium Density Residential	1,329.9	0.52	16.6	31	0.9	0.199	872	16.2%	16.3%
High Density Residential	1,030.1	0.24	30.3	31	0.9	0.323	505	9.4%	12.6%
Transportation	1,492.3	0.43	22.7	31	0.9	0.254	1,032	19.2%	18.3%
Commercial	1,094.4	0.33	43.9	31	0.9	0.445	1,017	18.9%	13.4%
Mixed Residential/Commercial Use	508.8	0.43	30.3	31	0.9	0.322	441	8.2%	6.2%
Forest & Rural Open	81.1	0.11	1.1	31	0.9	0.060	3	0.1%	1.0%
Wetland	0.0	0.08	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.08	100.0	31	0.9	0.950	58	1.1%	1.5%
Active Agriculture	0.0	0.37	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.11	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	0.32	61.9	31	0.9	0.607	1,071	19.9%	10.7%
Total	8,159.3						5,381	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.27	18.8	31	0.9	0.219	1,826	60.5%	62.6%
Medium Density Residential	0.0	0.27	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	0.08	51.4	31	0.9	0.513	23	0.7%	1.1%
Transportation	315.1	0.22	52.9	31	0.9	0.526	231	7.6%	4.0%
Commercial	1,154.5	0.17	56.2	31	0.9	0.556	690	22.8%	14.8%
Mixed Residential/Commercial Use	0.0	0.22	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0.03	1.9	31	0.9	0.067	5	0.2%	5.0%
Wetland	235.8	0.04	2.4	31	0.9	0.072	4	0.1%	3.0%
Water	8.7	0.04	100.0	31	0.9	0.950	2	0.1%	0.1%
Active Agriculture	28.7	0.09	2.0	31	0.9	0.068	1	0.0%	0.4%
Urban Open	242.9	0.03	10.9	31	0.9	0.148	7	0.2%	3.1%
Industrial	453.1	0.11	75.9	31	0.9	0.733	231	7.7%	5.8%
Total	7,796.3						3,020	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.27	2.4	31	0.9	0.072	597	40.3%	62.6%
Medium Density Residential	0.0	0.27	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	0.08	30.3	31	0.9	0.323	14	1.0%	1.1%
Transportation	315.1	0.22	22.7	31	0.9	0.254	111	7.5%	4.0%
Commercial	1,154.5	0.17	43.9	31	0.9	0.445	552	37.3%	14.8%
Mixed Residential/Commercial Use	0.0	0.22	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0.03	1.1	31	0.9	0.060	4	0.3%	5.0%
Wetland	235.8	0.04	2.4	31	0.9	0.072	4	0.3%	3.0%
Water	8.7	0.04	100.0	31	0.9	0.950	2	0.1%	0.1%
Active Agriculture	28.7	0.09	0.1	31	0.9	0.051	1	0.1%	0.4%
Urban Open	242.9	0.03	4.2	31	0.9	0.088	4	0.3%	3.1%
Industrial	453.1	0.11	61.9	31	0.9	0.607	191	12.9%	5.8%
Total	7,796.3						1,482	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.27	18.8	31	0.9	0.219	884	23.7%	30.3%
Medium Density Residential	1,720.1	0.27	37.8	31	0.9	0.390	1,146	30.7%	22.1%
High Density Residential	1,224.5	0.08	51.4	31	0.9	0.513	318	8.5%	15.7%
Transportation	137.9	0.22	52.9	31	0.9	0.526	101	2.7%	1.8%
Commercial	1,380.1	0.17	56.2	31	0.9	0.556	825	22.1%	17.7%
Mixed Residential/Commercial Use	0.0	0.22	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0.03	1.9	31	0.9	0.067	1	0.0%	1.0%
Wetland	0.0	0.04	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.04	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0.09	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.03	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	0.11	75.9	31	0.9	0.733	454	12.2%	11.4%
Total	7,796.3						3,729	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.27	2.4	31	0.9	0.072	289	13.4%	30.3%
Medium Density Residential	1,720.1	0.27	16.6	31	0.9	0.199	586	27.1%	22.1%
High Density Residential	1,224.5	0.08	30.3	31	0.9	0.323	200	9.3%	15.7%
Transportation	137.9	0.22	22.7	31	0.9	0.254	49	2.3%	1.8%
Commercial	1,380.1	0.17	43.9	31	0.9	0.445	660	30.6%	17.7%
Mixed Residential/Commercial Use	0.0	0.22	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0.03	1.1	31	0.9	0.060	1	0.0%	1.0%
Wetland	0.0	0.04	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.04	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0.09	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.03	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	0.11	61.9	31	0.9	0.607	376	17.4%	11.4%
Total	7,796.3						2,161	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.27	18.8	31	0.9	0.219	1,943	48.3%	43.7%
Medium Density Residential	0.0	0.27	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	0.08	51.4	31	0.9	0.513	33	0.8%	1.1%
Transportation	976.4	0.22	52.9	31	0.9	0.526	715	17.8%	8.2%
Commercial	1,260.6	0.17	56.2	31	0.9	0.556	753	18.7%	10.6%
Mixed Residential/Commercial Use	0.0	0.22	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.03	1.9	31	0.9	0.067	14	0.3%	9.2%
Wetland	1,282.1	0.04	2.4	31	0.9	0.072	23	0.6%	10.8%
Water	10.6	0.04	100.0	31	0.9	0.950	3	0.1%	0.1%
Active Agriculture	609.7	0.09	2.0	31	0.9	0.068	24	0.6%	5.1%
Urban Open	313.7	0.03	10.9	31	0.9	0.148	9	0.2%	2.6%
Industrial	999.9	0.11	75.9	31	0.9	0.733	510	12.7%	8.4%
Total	11,868.8						4,026	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.27	2.4	31	0.9	0.072	635	30.4%	43.7%
Medium Density Residential	0.0	0.27	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	0.08	30.3	31	0.9	0.323	21	1.0%	1.1%
Transportation	976.4	0.22	22.7	31	0.9	0.254	345	16.5%	8.2%
Commercial	1,260.6	0.17	43.9	31	0.9	0.445	603	28.9%	10.6%
Mixed Residential/Commercial Use	0.0	0.22	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.03	1.1	31	0.9	0.060	12	0.6%	9.2%
Wetland	1,282.1	0.04	2.4	31	0.9	0.072	23	1.1%	10.8%
Water	10.6	0.04	100.0	31	0.9	0.950	3	0.1%	0.1%
Active Agriculture	609.7	0.09	0.1	31	0.9	0.051	18	0.8%	5.1%
Urban Open	313.7	0.03	4.2	31	0.9	0.088	5	0.3%	2.6%
Industrial	999.9	0.11	61.9	31	0.9	0.607	422	20.2%	8.4%
Total	11,868.8						2,088	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.27	18.8	31	0.9	0.219	547	8.7%	12.3%
Medium Density Residential	3,129.2	0.27	37.8	31	0.9	0.390	2,085	33.4%	26.4%
High Density Residential	1,632.3	0.08	51.4	31	0.9	0.513	423	6.8%	13.8%
Transportation	1,432.2	0.22	52.9	31	0.9	0.526	1,048	16.8%	12.1%
Commercial	1,212.8	0.17	56.2	31	0.9	0.556	725	11.6%	10.2%
Mixed Residential/Commercial Use	824.7	0.22	47.0	31	0.9	0.473	543	8.7%	6.9%
Forest & Rural Open	244.3	0.03	1.9	31	0.9	0.067	3	0.0%	2.1%
Wetland	0.0	0.04	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.04	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0.09	2.0	31	0.9	0.068	9	0.1%	2.0%
Urban Open	0.0	0.03	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	0.11	75.9	31	0.9	0.733	866	13.9%	14.3%
Total	11,869.3						6,249	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.27	2.4	31	0.9	0.072	179	4.8%	12.3%
Medium Density Residential	3,129.2	0.27	16.6	31	0.9	0.199	1,065	28.8%	26.4%
High Density Residential	1,632.3	0.08	30.3	31	0.9	0.323	266	7.2%	13.8%
Transportation	1,432.2	0.22	22.7	31	0.9	0.254	507	13.7%	12.1%
Commercial	1,212.8	0.17	43.9	31	0.9	0.445	580	15.7%	10.2%
Mixed Residential/Commercial Use	824.7	0.22	30.3	31	0.9	0.322	370	10.0%	6.9%
Forest & Rural Open	244.3	0.03	1.1	31	0.9	0.060	3	0.1%	2.1%
Wetland	0.0	0.04	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.04	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0.09	0.1	31	0.9	0.051	7	0.2%	2.0%
Urban Open	0.0	0.03	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	0.11	61.9	31	0.9	0.607	717	19.4%	14.3%
Total	11,869.3						3,694	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.27	18.8	31	0.9	0.219	1,112	38.3%	36.4%
Medium Density Residential	0.0	0.27	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	0.08	51.4	31	0.9	0.513	84	2.9%	4.0%
Transportation	993.0	0.22	52.9	31	0.9	0.526	727	25.0%	12.2%
Commercial	876.0	0.17	56.2	31	0.9	0.556	523	18.0%	10.7%
Mixed Residential/Commercial Use	0.0	0.22	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0.03	1.9	31	0.9	0.067	8	0.3%	7.5%
Wetland	665.8	0.04	2.4	31	0.9	0.072	12	0.4%	8.2%
Water	132.1	0.04	100.0	31	0.9	0.950	32	1.1%	1.6%
Active Agriculture	643.3	0.09	2.0	31	0.9	0.068	25	0.9%	7.9%
Urban Open	197.8	0.03	10.9	31	0.9	0.148	6	0.2%	2.4%
Industrial	739.4	0.11	75.9	31	0.9	0.733	377	13.0%	9.1%
Total	8,158.4						2,906	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.27	2.4	31	0.9	0.072	363	23.1%	36.4%
Medium Density Residential	0.0	0.27	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	0.08	30.3	31	0.9	0.323	53	3.4%	4.0%
Transportation	993.0	0.22	22.7	31	0.9	0.254	351	22.3%	12.2%
Commercial	876.0	0.17	43.9	31	0.9	0.445	419	26.7%	10.7%
Mixed Residential/Commercial Use	0.0	0.22	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0.03	1.1	31	0.9	0.060	7	0.4%	7.5%
Wetland	665.8	0.04	2.4	31	0.9	0.072	12	0.8%	8.2%
Water	132.1	0.04	100.0	31	0.9	0.950	32	2.0%	1.6%
Active Agriculture	643.3	0.09	0.1	31	0.9	0.051	19	1.2%	7.9%
Urban Open	197.8	0.03	4.2	31	0.9	0.088	3	0.2%	2.4%
Industrial	739.4	0.11	61.9	31	0.9	0.607	312	19.9%	9.1%
Total	8,158.4						1,572	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.27	18.8	31	0.9	0.219	611	14.1%	20.0%
Medium Density Residential	1,329.9	0.27	37.8	31	0.9	0.390	886	20.5%	16.3%
High Density Residential	1,030.1	0.08	51.4	31	0.9	0.513	267	6.2%	12.6%
Transportation	1,492.3	0.22	52.9	31	0.9	0.526	1,092	25.3%	18.3%
Commercial	1,094.4	0.17	56.2	31	0.9	0.556	654	15.1%	13.4%
Mixed Residential/Commercial Use	508.8	0.22	47.0	31	0.9	0.473	335	7.8%	6.2%
Forest & Rural Open	81.1	0.03	1.9	31	0.9	0.067	1	0.0%	1.0%
Wetland	0.0	0.04	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.04	100.0	31	0.9	0.950	29	0.7%	1.5%
Active Agriculture	0.0	0.09	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.03	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	0.11	75.9	31	0.9	0.733	444	10.3%	10.7%
Total	8,159.3						4,319	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Ortho-Phosphorus (Ortho-P) (lb./year)

Land Use Category	Acres (Au)	O-P Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Ortho-P Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.27	2.4	31	0.9	0.072	199	8.0%	20.0%
Medium Density Residential	1,329.9	0.27	16.6	31	0.9	0.199	453	18.1%	16.3%
High Density Residential	1,030.1	0.08	30.3	31	0.9	0.323	168	6.7%	12.6%
Transportation	1,492.3	0.22	22.7	31	0.9	0.254	528	21.1%	18.3%
Commercial	1,094.4	0.17	43.9	31	0.9	0.445	524	21.0%	13.4%
Mixed Residential/Commercial Use	508.8	0.22	30.3	31	0.9	0.322	228	9.1%	6.2%
Forest & Rural Open	81.1	0.03	1.1	31	0.9	0.060	1	0.0%	1.0%
Wetland	0.0	0.04	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.04	100.0	31	0.9	0.950	29	1.2%	1.5%
Active Agriculture	0.0	0.09	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.03	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	0.11	61.9	31	0.9	0.607	368	14.7%	10.7%
Total	8,159.3						2,498	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	3.32	18.8	31	0.9	0.219	22,457	61.3%	62.6%
Medium Density Residential	0.0	3.32	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	1.17	51.4	31	0.9	0.513	330	0.9%	1.1%
Transportation	315.1	1.82	52.9	31	0.9	0.526	1,908	5.2%	4.0%
Commercial	1,154.5	1.74	56.2	31	0.9	0.556	7,061	19.3%	14.8%
Mixed Residential/Commercial Use	0.0	2.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0.94	1.9	31	0.9	0.067	156	0.4%	5.0%
Wetland	235.8	0.79	2.4	31	0.9	0.072	84	0.2%	3.0%
Water	8.7	0.79	100.0	31	0.9	0.950	41	0.1%	0.1%
Active Agriculture	28.7	1.92	2.0	31	0.9	0.068	24	0.1%	0.4%
Urban Open	242.9	0.94	10.9	31	0.9	0.148	214	0.6%	3.1%
Industrial	453.1	2.08	75.9	31	0.9	0.733	4,369	11.9%	5.8%
Total	7,796.3						36,644	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	3.32	2.4	31	0.9	0.072	7,335	40.4%	62.6%
Medium Density Residential	0.0	3.32	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	1.17	30.3	31	0.9	0.323	208	1.1%	1.1%
Transportation	315.1	1.82	22.7	31	0.9	0.254	922	5.1%	4.0%
Commercial	1,154.5	1.74	43.9	31	0.9	0.445	5,654	31.2%	14.8%
Mixed Residential/Commercial Use	0.0	2.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0.94	1.1	31	0.9	0.060	139	0.8%	5.0%
Wetland	235.8	0.79	2.4	31	0.9	0.072	84	0.5%	3.0%
Water	8.7	0.79	100.0	31	0.9	0.950	41	0.2%	0.1%
Active Agriculture	28.7	1.92	0.1	31	0.9	0.051	18	0.1%	0.4%
Urban Open	242.9	0.94	4.2	31	0.9	0.088	127	0.7%	3.1%
Industrial	453.1	2.08	61.9	31	0.9	0.607	3,618	19.9%	5.8%
Total	7,796.3						18,148	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	3.32	18.8	31	0.9	0.219	10,875	22.9%	30.3%
Medium Density Residential	1,720.1	3.32	37.8	31	0.9	0.390	14,092	29.7%	22.1%
High Density Residential	1,224.5	1.17	51.4	31	0.9	0.513	4,644	9.8%	15.7%
Transportation	137.9	1.82	52.9	31	0.9	0.526	835	1.8%	1.8%
Commercial	1,380.1	1.74	56.2	31	0.9	0.556	8,441	17.8%	17.7%
Mixed Residential/Commercial Use	0.0	2.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0.94	1.9	31	0.9	0.067	32	0.1%	1.0%
Wetland	0.0	0.79	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.79	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	1.92	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.94	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	2.08	75.9	31	0.9	0.733	8,584	18.1%	11.4%
Total	7,796.3						47,503	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	3.32	2.4	31	0.9	0.072	3,552	12.7%	30.3%
Medium Density Residential	1,720.1	3.32	16.6	31	0.9	0.199	7,201	25.7%	22.1%
High Density Residential	1,224.5	1.17	30.3	31	0.9	0.323	2,924	10.5%	15.7%
Transportation	137.9	1.82	22.7	31	0.9	0.254	404	1.4%	1.8%
Commercial	1,380.1	1.74	43.9	31	0.9	0.445	6,759	24.2%	17.7%
Mixed Residential/Commercial Use	0.0	2.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0.94	1.1	31	0.9	0.060	29	0.1%	1.0%
Wetland	0.0	0.79	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.79	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	1.92	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.94	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	2.08	61.9	31	0.9	0.607	7,109	25.4%	11.4%
Total	7,796.3						27,978	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	3.32	18.8	31	0.9	0.219	23,896	48.4%	43.7%
Medium Density Residential	0.0	3.32	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	1.17	51.4	31	0.9	0.513	482	1.0%	1.1%
Transportation	976.4	1.82	52.9	31	0.9	0.526	5,912	12.0%	8.2%
Commercial	1,260.6	1.74	56.2	31	0.9	0.556	7,710	15.6%	10.6%
Mixed Residential/Commercial Use	0.0	2.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.94	1.9	31	0.9	0.067	437	0.9%	9.2%
Wetland	1,282.1	0.79	2.4	31	0.9	0.072	459	0.9%	10.8%
Water	10.6	0.79	100.0	31	0.9	0.950	50	0.1%	0.1%
Active Agriculture	609.7	1.92	2.0	31	0.9	0.068	503	1.0%	5.1%
Urban Open	313.7	0.94	10.9	31	0.9	0.148	276	0.6%	2.6%
Industrial	999.9	2.08	75.9	31	0.9	0.733	9,642	19.5%	8.4%
Total	11,868.8						49,368	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	3.32	2.4	31	0.9	0.072	7,805	29.4%	43.7%
Medium Density Residential	0.0	3.32	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	1.17	30.3	31	0.9	0.323	303	1.1%	1.1%
Transportation	976.4	1.82	22.7	31	0.9	0.254	2,858	10.8%	8.2%
Commercial	1,260.6	1.74	43.9	31	0.9	0.445	6,174	23.2%	10.6%
Mixed Residential/Commercial Use	0.0	2.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.94	1.1	31	0.9	0.060	390	1.5%	9.2%
Wetland	1,282.1	0.79	2.4	31	0.9	0.072	459	1.7%	10.8%
Water	10.6	0.79	100.0	31	0.9	0.950	50	0.2%	0.1%
Active Agriculture	609.7	1.92	0.1	31	0.9	0.051	377	1.4%	5.1%
Urban Open	313.7	0.94	4.2	31	0.9	0.088	164	0.6%	2.6%
Industrial	999.9	2.08	61.9	31	0.9	0.607	7,985	30.1%	8.4%
Total	11,868.8						26,566	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	3.32	18.8	31	0.9	0.219	6,721	8.7%	12.3%
Medium Density Residential	3,129.2	3.32	37.8	31	0.9	0.390	25,636	33.1%	26.4%
High Density Residential	1,632.3	1.17	51.4	31	0.9	0.513	6,191	8.0%	13.8%
Transportation	1,432.2	1.82	52.9	31	0.9	0.526	8,672	11.2%	12.1%
Commercial	1,212.8	1.74	56.2	31	0.9	0.556	7,417	9.6%	10.2%
Mixed Residential/Commercial Use	824.7	2.53	47.0	31	0.9	0.473	6,241	8.0%	6.9%
Forest & Rural Open	244.3	0.94	1.9	31	0.9	0.067	97	0.1%	2.1%
Wetland	0.0	0.79	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.79	100.0	31	0.9	0.950	8	0.0%	0.0%
Active Agriculture	233.8	1.92	2.0	31	0.9	0.068	193	0.2%	2.0%
Urban Open	0.0	0.94	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	2.08	75.9	31	0.9	0.733	16,373	21.1%	14.3%
Total	11,869.3						77,551	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	3.32	2.4	31	0.9	0.072	2,195	4.6%	12.3%
Medium Density Residential	3,129.2	3.32	16.6	31	0.9	0.199	13,101	27.7%	26.4%
High Density Residential	1,632.3	1.17	30.3	31	0.9	0.323	3,897	8.2%	13.8%
Transportation	1,432.2	1.82	22.7	31	0.9	0.254	4,192	8.8%	12.1%
Commercial	1,212.8	1.74	43.9	31	0.9	0.445	5,940	12.5%	10.2%
Mixed Residential/Commercial Use	824.7	2.53	30.3	31	0.9	0.322	4,252	9.0%	6.9%
Forest & Rural Open	244.3	0.94	1.1	31	0.9	0.060	87	0.2%	2.1%
Wetland	0.0	0.79	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.79	100.0	31	0.9	0.950	8	0.0%	0.0%
Active Agriculture	233.8	1.92	0.1	31	0.9	0.051	144	0.3%	2.0%
Urban Open	0.0	0.94	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	2.08	61.9	31	0.9	0.607	13,559	28.6%	14.3%
Total	11,869.3						47,376	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	3.32	18.8	31	0.9	0.219	13,675	38.8%	36.4%
Medium Density Residential	0.0	3.32	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	1.17	51.4	31	0.9	0.513	1,236	3.5%	4.0%
Transportation	993.0	1.82	52.9	31	0.9	0.526	6,013	17.1%	12.2%
Commercial	876.0	1.74	56.2	31	0.9	0.556	5,358	15.2%	10.7%
Mixed Residential/Commercial Use	0.0	2.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0.94	1.9	31	0.9	0.067	245	0.7%	7.5%
Wetland	665.8	0.79	2.4	31	0.9	0.072	238	0.7%	8.2%
Water	132.1	0.79	100.0	31	0.9	0.950	627	1.8%	1.6%
Active Agriculture	643.3	1.92	2.0	31	0.9	0.068	531	1.5%	7.9%
Urban Open	197.8	0.94	10.9	31	0.9	0.148	174	0.5%	2.4%
Industrial	739.4	2.08	75.9	31	0.9	0.733	7,130	20.2%	9.1%
Total	8,158.4						35,227	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	3.32	2.4	31	0.9	0.072	4,467	22.4%	36.4%
Medium Density Residential	0.0	3.32	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	1.17	30.3	31	0.9	0.323	778	3.9%	4.0%
Transportation	993.0	1.82	22.7	31	0.9	0.254	2,906	14.6%	12.2%
Commercial	876.0	1.74	43.9	31	0.9	0.445	4,290	21.5%	10.7%
Mixed Residential/Commercial Use	0.0	2.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0.94	1.1	31	0.9	0.060	219	1.1%	7.5%
Wetland	665.8	0.79	2.4	31	0.9	0.072	238	1.2%	8.2%
Water	132.1	0.79	100.0	31	0.9	0.950	627	3.1%	1.6%
Active Agriculture	643.3	1.92	0.1	31	0.9	0.051	398	2.0%	7.9%
Urban Open	197.8	0.94	4.2	31	0.9	0.088	103	0.5%	2.4%
Industrial	739.4	2.08	61.9	31	0.9	0.607	5,905	29.6%	9.1%
Total	8,158.4						19,931	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	3.32	18.8	31	0.9	0.219	7,509	14.8%	20.0%
Medium Density Residential	1,329.9	3.32	37.8	31	0.9	0.390	10,895	21.4%	16.3%
High Density Residential	1,030.1	1.17	51.4	31	0.9	0.513	3,907	7.7%	12.6%
Transportation	1,492.3	1.82	52.9	31	0.9	0.526	9,036	17.8%	18.3%
Commercial	1,094.4	1.74	56.2	31	0.9	0.556	6,693	13.2%	13.4%
Mixed Residential/Commercial Use	508.8	2.53	47.0	31	0.9	0.473	3,851	7.6%	6.2%
Forest & Rural Open	81.1	0.94	1.9	31	0.9	0.067	32	0.1%	1.0%
Wetland	0.0	0.79	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.79	100.0	31	0.9	0.950	569	1.1%	1.5%
Active Agriculture	0.0	1.92	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.94	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	2.08	75.9	31	0.9	0.733	8,403	16.5%	10.7%
Total	8,159.3						50,895	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Total Kjeldahl Nitrogen (TKN) (lb./year)

Land Use Category	Acres (Au)	TKN Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	TKN Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	3.32	2.4	31	0.9	0.072	2,453	8.1%	20.0%
Medium Density Residential	1,329.9	3.32	16.6	31	0.9	0.199	5,568	18.3%	16.3%
High Density Residential	1,030.1	1.17	30.3	31	0.9	0.323	2,460	8.1%	12.6%
Transportation	1,492.3	1.82	22.7	31	0.9	0.254	4,368	14.4%	18.3%
Commercial	1,094.4	1.74	43.9	31	0.9	0.445	5,360	17.6%	13.4%
Mixed Residential/Commercial Use	508.8	2.53	30.3	31	0.9	0.322	2,623	8.6%	6.2%
Forest & Rural Open	81.1	0.94	1.1	31	0.9	0.060	29	0.1%	1.0%
Wetland	0.0	0.79	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.79	100.0	31	0.9	0.950	569	1.9%	1.5%
Active Agriculture	0.0	1.92	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.94	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	2.08	61.9	31	0.9	0.607	6,959	22.9%	10.7%
Total	8,159.3						30,387	100.0%	100.0%

Ecourse Creek
 LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO₂+NO₃) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	1.83	18.8	31	0.9	0.219	12,378	53.2%	62.6%
Medium Density Residential	0.0	1.83	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	2.12	51.4	31	0.9	0.513	598	2.6%	1.1%
Transportation	315.1	0.83	52.9	31	0.9	0.526	870	3.7%	4.0%
Commercial	1,154.5	1.23	56.2	31	0.9	0.556	4,991	21.5%	14.8%
Mixed Residential/Commercial Use	0.0	1.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0.8	1.9	31	0.9	0.067	133	0.6%	5.0%
Wetland	235.8	0.59	2.4	31	0.9	0.072	63	0.3%	3.0%
Water	8.7	0.59	100.0	31	0.9	0.950	31	0.1%	0.1%
Active Agriculture	28.7	4.06	2.0	31	0.9	0.068	50	0.2%	0.4%
Urban Open	242.9	0.8	10.9	31	0.9	0.148	182	0.8%	3.1%
Industrial	453.1	1.89	75.9	31	0.9	0.733	3,970	17.1%	5.8%
Total	7,796.3						23,266	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO₂+NO₃) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	1.83	2.4	31	0.9	0.072	4,043	32.4%	62.6%
Medium Density Residential	0.0	1.83	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	2.12	30.3	31	0.9	0.323	376	3.0%	1.1%
Transportation	315.1	0.83	22.7	31	0.9	0.254	421	3.4%	4.0%
Commercial	1,154.5	1.23	43.9	31	0.9	0.445	3,997	32.0%	14.8%
Mixed Residential/Commercial Use	0.0	1.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0.8	1.1	31	0.9	0.060	118	0.9%	5.0%
Wetland	235.8	0.59	2.4	31	0.9	0.072	63	0.5%	3.0%
Water	8.7	0.59	100.0	31	0.9	0.950	31	0.2%	0.1%
Active Agriculture	28.7	4.06	0.1	31	0.9	0.051	38	0.3%	0.4%
Urban Open	242.9	0.8	4.2	31	0.9	0.088	108	0.9%	3.1%
Industrial	453.1	1.89	61.9	31	0.9	0.607	3,288	26.3%	5.8%
Total	7,796.3						12,483	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO₂+NO₃) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	1.83	18.8	31	0.9	0.219	5,994	16.5%	30.3%
Medium Density Residential	1,720.1	1.83	37.8	31	0.9	0.390	7,768	21.4%	22.1%
High Density Residential	1,224.5	2.12	51.4	31	0.9	0.513	8,415	23.1%	15.7%
Transportation	137.9	0.83	52.9	31	0.9	0.526	381	1.0%	1.8%
Commercial	1,380.1	1.23	56.2	31	0.9	0.556	5,967	16.4%	17.7%
Mixed Residential/Commercial Use	0.0	1.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0.8	1.9	31	0.9	0.067	27	0.1%	1.0%
Wetland	0.0	0.59	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.59	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	4.06	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.8	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	1.89	75.9	31	0.9	0.733	7,800	21.5%	11.4%
Total	7,796.3						36,352	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO₂+NO₃) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	1.83	2.4	31	0.9	0.072	1,958	8.6%	30.3%
Medium Density Residential	1,720.1	1.83	16.6	31	0.9	0.199	3,969	17.5%	22.1%
High Density Residential	1,224.5	2.12	30.3	31	0.9	0.323	5,298	23.4%	15.7%
Transportation	137.9	0.83	22.7	31	0.9	0.254	184	0.8%	1.8%
Commercial	1,380.1	1.23	43.9	31	0.9	0.445	4,778	21.1%	17.7%
Mixed Residential/Commercial Use	0.0	1.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0.8	1.1	31	0.9	0.060	24	0.1%	1.0%
Wetland	0.0	0.59	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.59	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	4.06	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.8	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	1.89	61.9	31	0.9	0.607	6,460	28.5%	11.4%
Total	7,796.3						22,671	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	1.83	18.8	31	0.9	0.219	13,171	39.9%	43.7%
Medium Density Residential	0.0	1.83	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	2.12	51.4	31	0.9	0.513	873	2.6%	1.1%
Transportation	976.4	0.83	52.9	31	0.9	0.526	2,696	8.2%	8.2%
Commercial	1,260.6	1.23	56.2	31	0.9	0.556	5,450	16.5%	10.6%
Mixed Residential/Commercial Use	0.0	1.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.8	1.9	31	0.9	0.067	372	1.1%	9.2%
Wetland	1,282.1	0.59	2.4	31	0.9	0.072	343	1.0%	10.8%
Water	10.6	0.59	100.0	31	0.9	0.950	38	0.1%	0.1%
Active Agriculture	609.7	4.06	2.0	31	0.9	0.068	1,064	3.2%	5.1%
Urban Open	313.7	0.8	10.9	31	0.9	0.148	235	0.7%	2.6%
Industrial	999.9	1.89	75.9	31	0.9	0.733	8,761	26.5%	8.4%
Total	11,868.8						33,004	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	1.83	2.4	31	0.9	0.072	4,302	22.1%	43.7%
Medium Density Residential	0.0	1.83	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	2.12	30.3	31	0.9	0.323	550	2.8%	1.1%
Transportation	976.4	0.83	22.7	31	0.9	0.254	1,303	6.7%	8.2%
Commercial	1,260.6	1.23	43.9	31	0.9	0.445	4,364	22.5%	10.6%
Mixed Residential/Commercial Use	0.0	1.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0.8	1.1	31	0.9	0.060	332	1.7%	9.2%
Wetland	1,282.1	0.59	2.4	31	0.9	0.072	343	1.8%	10.8%
Water	10.6	0.59	100.0	31	0.9	0.950	38	0.2%	0.1%
Active Agriculture	609.7	4.06	0.1	31	0.9	0.051	797	4.1%	5.1%
Urban Open	313.7	0.8	4.2	31	0.9	0.088	139	0.7%	2.6%
Industrial	999.9	1.89	61.9	31	0.9	0.607	7,256	37.4%	8.4%
Total	11,868.8						19,424	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	1.83	18.8	31	0.9	0.219	3,705	6.5%	12.3%
Medium Density Residential	3,129.2	1.83	37.8	31	0.9	0.390	14,131	24.6%	26.4%
High Density Residential	1,632.3	2.12	51.4	31	0.9	0.513	11,218	19.5%	13.8%
Transportation	1,432.2	0.83	52.9	31	0.9	0.526	3,955	6.9%	12.1%
Commercial	1,212.8	1.23	56.2	31	0.9	0.556	5,243	9.1%	10.2%
Mixed Residential/Commercial Use	824.7	1.53	47.0	31	0.9	0.473	3,774	6.6%	6.9%
Forest & Rural Open	244.3	0.8	1.9	31	0.9	0.067	83	0.1%	2.1%
Wetland	0.0	0.59	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.59	100.0	31	0.9	0.950	6	0.0%	0.0%
Active Agriculture	233.8	4.06	2.0	31	0.9	0.068	408	0.7%	2.0%
Urban Open	0.0	0.8	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	1.89	75.9	31	0.9	0.733	14,877	25.9%	14.3%
Total	11,869.3						57,400	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	1.83	2.4	31	0.9	0.072	1,210	3.3%	12.3%
Medium Density Residential	3,129.2	1.83	16.6	31	0.9	0.199	7,221	19.6%	26.4%
High Density Residential	1,632.3	2.12	30.3	31	0.9	0.323	7,062	19.1%	13.8%
Transportation	1,432.2	0.83	22.7	31	0.9	0.254	1,912	5.2%	12.1%
Commercial	1,212.8	1.23	43.9	31	0.9	0.445	4,199	11.4%	10.2%
Mixed Residential/Commercial Use	824.7	1.53	30.3	31	0.9	0.322	2,571	7.0%	6.9%
Forest & Rural Open	244.3	0.8	1.1	31	0.9	0.060	74	0.2%	2.1%
Wetland	0.0	0.59	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.59	100.0	31	0.9	0.950	6	0.0%	0.0%
Active Agriculture	233.8	4.06	0.1	31	0.9	0.051	306	0.8%	2.0%
Urban Open	0.0	0.8	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	1.89	61.9	31	0.9	0.607	12,320	33.4%	14.3%
Total	11,869.3						36,881	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	1.83	18.8	31	0.9	0.219	7,538	30.3%	36.4%
Medium Density Residential	0.0	1.83	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	2.12	51.4	31	0.9	0.513	2,239	9.0%	4.0%
Transportation	993.0	0.83	52.9	31	0.9	0.526	2,742	11.0%	12.2%
Commercial	876.0	1.23	56.2	31	0.9	0.556	3,787	15.2%	10.7%
Mixed Residential/Commercial Use	0.0	1.53	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0.8	1.9	31	0.9	0.067	208	0.8%	7.5%
Wetland	665.8	0.59	2.4	31	0.9	0.072	178	0.7%	8.2%
Water	132.1	0.59	100.0	31	0.9	0.950	468	1.9%	1.6%
Active Agriculture	643.3	4.06	2.0	31	0.9	0.068	1,123	4.5%	7.9%
Urban Open	197.8	0.8	10.9	31	0.9	0.148	148	0.6%	2.4%
Industrial	739.4	1.89	75.9	31	0.9	0.733	6,479	26.0%	9.1%
Total	8,158.4						24,911	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	1.83	2.4	31	0.9	0.072	2,462	16.0%	36.4%
Medium Density Residential	0.0	1.83	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	2.12	30.3	31	0.9	0.323	1,410	9.2%	4.0%
Transportation	993.0	0.83	22.7	31	0.9	0.254	1,325	8.6%	12.2%
Commercial	876.0	1.23	43.9	31	0.9	0.445	3,033	19.8%	10.7%
Mixed Residential/Commercial Use	0.0	1.53	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0.8	1.1	31	0.9	0.060	186	1.2%	7.5%
Wetland	665.8	0.59	2.4	31	0.9	0.072	178	1.2%	8.2%
Water	132.1	0.59	100.0	31	0.9	0.950	468	3.0%	1.6%
Active Agriculture	643.3	4.06	0.1	31	0.9	0.051	841	5.5%	7.9%
Urban Open	197.8	0.8	4.2	31	0.9	0.088	88	0.6%	2.4%
Industrial	739.4	1.89	61.9	31	0.9	0.607	5,365	34.9%	9.1%
Total	8,158.4						15,356	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	1.83	18.8	31	0.9	0.219	4,139	11.3%	20.0%
Medium Density Residential	1,329.9	1.83	37.8	31	0.9	0.390	6,006	16.5%	16.3%
High Density Residential	1,030.1	2.12	51.4	31	0.9	0.513	7,079	19.4%	12.6%
Transportation	1,492.3	0.83	52.9	31	0.9	0.526	4,121	11.3%	18.3%
Commercial	1,094.4	1.23	56.2	31	0.9	0.556	4,731	13.0%	13.4%
Mixed Residential/Commercial Use	508.8	1.53	47.0	31	0.9	0.473	2,329	6.4%	6.2%
Forest & Rural Open	81.1	0.8	1.9	31	0.9	0.067	28	0.1%	1.0%
Wetland	0.0	0.59	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.59	100.0	31	0.9	0.950	425	1.2%	1.5%
Active Agriculture	0.0	4.06	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.8	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	1.89	75.9	31	0.9	0.733	7,635	20.9%	10.7%
Total	8,159.3						36,492	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Nitrite+Nitrate Nitrogen (NO2+NO3) (lb./year)

Land Use Category	Acres (Au)	NO ₂ +NO ₃ Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	NO ₂ +NO ₃ Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	1.83	2.4	31	0.9	0.072	1,352	5.9%	20.0%
Medium Density Residential	1,329.9	1.83	16.6	31	0.9	0.199	3,069	13.3%	16.3%
High Density Residential	1,030.1	2.12	30.3	31	0.9	0.323	4,457	19.4%	12.6%
Transportation	1,492.3	0.83	22.7	31	0.9	0.254	1,992	8.7%	18.3%
Commercial	1,094.4	1.23	43.9	31	0.9	0.445	3,789	16.5%	13.4%
Mixed Residential/Commercial Use	508.8	1.53	30.3	31	0.9	0.322	1,586	6.9%	6.2%
Forest & Rural Open	81.1	0.8	1.1	31	0.9	0.060	25	0.1%	1.0%
Wetland	0.0	0.59	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.59	100.0	31	0.9	0.950	425	1.8%	1.5%
Active Agriculture	0.0	4.06	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.8	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	1.89	61.9	31	0.9	0.607	6,323	27.5%	10.7%
Total	8,159.3						23,017	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.057	18.8	31	0.9	0.219	386	48.0%	62.6%
Medium Density Residential	0.0	0.057	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	0.041	51.4	31	0.9	0.513	12	1.4%	1.1%
Transportation	315.1	0.049	52.9	31	0.9	0.526	51	6.4%	4.0%
Commercial	1,154.5	0.049	56.2	31	0.9	0.556	199	24.7%	14.8%
Mixed Residential/Commercial Use	0.0	0.053	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.9	31	0.9	0.067	0	0.0%	5.0%
Wetland	235.8	0.011	2.4	31	0.9	0.072	1	0.1%	3.0%
Water	8.7	0.011	100.0	31	0.9	0.950	1	0.1%	0.1%
Active Agriculture	28.7	0	2.0	31	0.9	0.068	0	0.0%	0.4%
Urban Open	242.9	0.014	10.9	31	0.9	0.148	3	0.4%	3.1%
Industrial	453.1	0.072	75.9	31	0.9	0.733	151	18.8%	5.8%
Total	7,796.3						804	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.057	2.4	31	0.9	0.072	126	28.2%	62.6%
Medium Density Residential	0.0	0.057	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	0.041	30.3	31	0.9	0.323	7	1.6%	1.1%
Transportation	315.1	0.049	22.7	31	0.9	0.254	25	5.6%	4.0%
Commercial	1,154.5	0.049	43.9	31	0.9	0.445	159	35.7%	14.8%
Mixed Residential/Commercial Use	0.0	0.053	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.1	31	0.9	0.060	0	0.0%	5.0%
Wetland	235.8	0.011	2.4	31	0.9	0.072	1	0.3%	3.0%
Water	8.7	0.011	100.0	31	0.9	0.950	1	0.1%	0.1%
Active Agriculture	28.7	0	0.1	31	0.9	0.051	0	0.0%	0.4%
Urban Open	242.9	0.014	4.2	31	0.9	0.088	2	0.4%	3.1%
Industrial	453.1	0.072	61.9	31	0.9	0.607	125	28.1%	5.8%
Total	7,796.3						446	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.057	18.8	31	0.9	0.219	187	16.3%	30.3%
Medium Density Residential	1,720.1	0.057	37.8	31	0.9	0.390	242	21.1%	22.1%
High Density Residential	1,224.5	0.041	51.4	31	0.9	0.513	163	14.2%	15.7%
Transportation	137.9	0.049	52.9	31	0.9	0.526	22	2.0%	1.8%
Commercial	1,380.1	0.049	56.2	31	0.9	0.556	238	20.7%	17.7%
Mixed Residential/Commercial Use	0.0	0.053	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.011	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.011	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.014	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	0.072	75.9	31	0.9	0.733	297	25.9%	11.4%
Total	7,796.3						1,149	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.057	2.4	31	0.9	0.072	61	8.3%	30.3%
Medium Density Residential	1,720.1	0.057	16.6	31	0.9	0.199	124	16.8%	22.1%
High Density Residential	1,224.5	0.041	30.3	31	0.9	0.323	102	14.0%	15.7%
Transportation	137.9	0.049	22.7	31	0.9	0.254	11	1.5%	1.8%
Commercial	1,380.1	0.049	43.9	31	0.9	0.445	190	25.9%	17.7%
Mixed Residential/Commercial Use	0.0	0.053	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.011	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.011	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.014	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	0.072	61.9	31	0.9	0.607	246	33.5%	11.4%
Total	7,796.3						734	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.057	18.8	31	0.9	0.219	410	35.7%	43.7%
Medium Density Residential	0.0	0.057	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	0.041	51.4	31	0.9	0.513	17	1.5%	1.1%
Transportation	976.4	0.049	52.9	31	0.9	0.526	159	13.9%	8.2%
Commercial	1,260.6	0.049	56.2	31	0.9	0.556	217	18.9%	10.6%
Mixed Residential/Commercial Use	0.0	0.053	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.9	31	0.9	0.067	0	0.0%	9.2%
Wetland	1,282.1	0.011	2.4	31	0.9	0.072	6	0.6%	10.8%
Water	10.6	0.011	100.0	31	0.9	0.950	1	0.1%	0.1%
Active Agriculture	609.7	0	2.0	31	0.9	0.068	0	0.0%	5.1%
Urban Open	313.7	0.014	10.9	31	0.9	0.148	4	0.4%	2.6%
Industrial	999.9	0.072	75.9	31	0.9	0.733	334	29.1%	8.4%
Total	11,868.8						1,148	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.057	2.4	31	0.9	0.072	134	19.7%	43.7%
Medium Density Residential	0.0	0.057	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	0.041	30.3	31	0.9	0.323	11	1.6%	1.1%
Transportation	976.4	0.049	22.7	31	0.9	0.254	77	11.3%	8.2%
Commercial	1,260.6	0.049	43.9	31	0.9	0.445	174	25.5%	10.6%
Mixed Residential/Commercial Use	0.0	0.053	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.1	31	0.9	0.060	0	0.0%	9.2%
Wetland	1,282.1	0.011	2.4	31	0.9	0.072	6	0.9%	10.8%
Water	10.6	0.011	100.0	31	0.9	0.950	1	0.1%	0.1%
Active Agriculture	609.7	0	0.1	31	0.9	0.051	0	0.0%	5.1%
Urban Open	313.7	0.014	4.2	31	0.9	0.088	2	0.4%	2.6%
Industrial	999.9	0.072	61.9	31	0.9	0.607	276	40.6%	8.4%
Total	11,868.8						681	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.057	18.8	31	0.9	0.219	115	6.0%	12.3%
Medium Density Residential	3,129.2	0.057	37.8	31	0.9	0.390	440	23.0%	26.4%
High Density Residential	1,632.3	0.041	51.4	31	0.9	0.513	217	11.3%	13.8%
Transportation	1,432.2	0.049	52.9	31	0.9	0.526	233	12.2%	12.1%
Commercial	1,212.8	0.049	56.2	31	0.9	0.556	209	10.9%	10.2%
Mixed Residential/Commercial Use	824.7	0.053	47.0	31	0.9	0.473	131	6.8%	6.9%
Forest & Rural Open	244.3	0	1.9	31	0.9	0.067	0	0.0%	2.1%
Wetland	0.0	0.011	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.011	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	2.0	31	0.9	0.068	0	0.0%	2.0%
Urban Open	0.0	0.014	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	0.072	75.9	31	0.9	0.733	567	29.6%	14.3%
Total	11,869.3						1,912	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.057	2.4	31	0.9	0.072	38	3.0%	12.3%
Medium Density Residential	3,129.2	0.057	16.6	31	0.9	0.199	225	18.2%	26.4%
High Density Residential	1,632.3	0.041	30.3	31	0.9	0.323	137	11.0%	13.8%
Transportation	1,432.2	0.049	22.7	31	0.9	0.254	113	9.1%	12.1%
Commercial	1,212.8	0.049	43.9	31	0.9	0.445	167	13.5%	10.2%
Mixed Residential/Commercial Use	824.7	0.053	30.3	31	0.9	0.322	89	7.2%	6.9%
Forest & Rural Open	244.3	0	1.1	31	0.9	0.060	0	0.0%	2.1%
Wetland	0.0	0.011	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.011	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	0.1	31	0.9	0.051	0	0.0%	2.0%
Urban Open	0.0	0.014	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	0.072	61.9	31	0.9	0.607	469	37.9%	14.3%
Total	11,869.3						1,238	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.057	18.8	31	0.9	0.219	235	27.5%	36.4%
Medium Density Residential	0.0	0.057	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	0.041	51.4	31	0.9	0.513	43	5.1%	4.0%
Transportation	993.0	0.049	52.9	31	0.9	0.526	162	19.0%	12.2%
Commercial	876.0	0.049	56.2	31	0.9	0.556	151	17.7%	10.7%
Mixed Residential/Commercial Use	0.0	0.053	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.9	31	0.9	0.067	0	0.0%	7.5%
Wetland	665.8	0.011	2.4	31	0.9	0.072	3	0.4%	8.2%
Water	132.1	0.011	100.0	31	0.9	0.950	9	1.0%	1.6%
Active Agriculture	643.3	0	2.0	31	0.9	0.068	0	0.0%	7.9%
Urban Open	197.8	0.014	10.9	31	0.9	0.148	3	0.3%	2.4%
Industrial	739.4	0.072	75.9	31	0.9	0.733	247	29.0%	9.1%
Total	8,158.4						852	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.057	2.4	31	0.9	0.072	77	14.7%	36.4%
Medium Density Residential	0.0	0.057	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	0.041	30.3	31	0.9	0.323	27	5.2%	4.0%
Transportation	993.0	0.049	22.7	31	0.9	0.254	78	15.0%	12.2%
Commercial	876.0	0.049	43.9	31	0.9	0.445	121	23.2%	10.7%
Mixed Residential/Commercial Use	0.0	0.053	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.1	31	0.9	0.060	0	0.0%	7.5%
Wetland	665.8	0.011	2.4	31	0.9	0.072	3	0.6%	8.2%
Water	132.1	0.011	100.0	31	0.9	0.950	9	1.7%	1.6%
Active Agriculture	643.3	0	0.1	31	0.9	0.051	0	0.0%	7.9%
Urban Open	197.8	0.014	4.2	31	0.9	0.088	2	0.3%	2.4%
Industrial	739.4	0.072	61.9	31	0.9	0.607	204	39.2%	9.1%
Total	8,158.4						521	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.057	18.8	31	0.9	0.219	129	10.2%	20.0%
Medium Density Residential	1,329.9	0.057	37.8	31	0.9	0.390	187	14.8%	16.3%
High Density Residential	1,030.1	0.041	51.4	31	0.9	0.513	137	10.8%	12.6%
Transportation	1,492.3	0.049	52.9	31	0.9	0.526	243	19.2%	18.3%
Commercial	1,094.4	0.049	56.2	31	0.9	0.556	188	14.9%	13.4%
Mixed Residential/Commercial Use	508.8	0.053	47.0	31	0.9	0.473	81	6.4%	6.2%
Forest & Rural Open	81.1	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.011	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.011	100.0	31	0.9	0.950	8	0.6%	1.5%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.014	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	0.072	75.9	31	0.9	0.733	291	23.0%	10.7%
Total	8,159.3						1,264	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Lead (lb./year)

Land Use Category	Acres (Au)	Pb Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Pb Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.057	2.4	31	0.9	0.072	42	5.3%	20.0%
Medium Density Residential	1,329.9	0.057	16.6	31	0.9	0.199	96	12.0%	16.3%
High Density Residential	1,030.1	0.041	30.3	31	0.9	0.323	86	10.8%	12.6%
Transportation	1,492.3	0.049	22.7	31	0.9	0.254	118	14.8%	18.3%
Commercial	1,094.4	0.049	43.9	31	0.9	0.445	151	19.0%	13.4%
Mixed Residential/Commercial Use	508.8	0.053	30.3	31	0.9	0.322	55	6.9%	6.2%
Forest & Rural Open	81.1	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.011	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.011	100.0	31	0.9	0.950	8	1.0%	1.5%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.014	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	0.072	61.9	31	0.9	0.607	241	30.3%	10.7%
Total	8,159.3						796	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.026	18.8	31	0.9	0.219	176	35.4%	62.6%
Medium Density Residential	0.0	0.026	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	0.033	51.4	31	0.9	0.513	9	1.9%	1.1%
Transportation	315.1	0.037	52.9	31	0.9	0.526	39	7.8%	4.0%
Commercial	1,154.5	0.037	56.2	31	0.9	0.556	150	30.2%	14.8%
Mixed Residential/Commercial Use	0.0	0.032	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.9	31	0.9	0.067	0	0.0%	5.0%
Wetland	235.8	0.007	2.4	31	0.9	0.072	1	0.2%	3.0%
Water	8.7	0.007	100.0	31	0.9	0.950	0	0.1%	0.1%
Active Agriculture	28.7	0	2.0	31	0.9	0.068	0	0.0%	0.4%
Urban Open	242.9	0	10.9	31	0.9	0.148	0	0.0%	3.1%
Industrial	453.1	0.058	75.9	31	0.9	0.733	122	24.5%	5.8%
Total	7,796.3						497	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.026	2.4	31	0.9	0.072	57	18.9%	62.6%
Medium Density Residential	0.0	0.026	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	0.033	30.3	31	0.9	0.323	6	1.9%	1.1%
Transportation	315.1	0.037	22.7	31	0.9	0.254	19	6.2%	4.0%
Commercial	1,154.5	0.037	43.9	31	0.9	0.445	120	39.5%	14.8%
Mixed Residential/Commercial Use	0.0	0.032	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.1	31	0.9	0.060	0	0.0%	5.0%
Wetland	235.8	0.007	2.4	31	0.9	0.072	1	0.2%	3.0%
Water	8.7	0.007	100.0	31	0.9	0.950	0	0.1%	0.1%
Active Agriculture	28.7	0	0.1	31	0.9	0.051	0	0.0%	0.4%
Urban Open	242.9	0	4.2	31	0.9	0.088	0	0.0%	3.1%
Industrial	453.1	0.058	61.9	31	0.9	0.607	101	33.2%	5.8%
Total	7,796.3						304	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.026	18.8	31	0.9	0.219	85	11.2%	30.3%
Medium Density Residential	1,720.1	0.026	37.8	31	0.9	0.390	110	14.5%	22.1%
High Density Residential	1,224.5	0.033	51.4	31	0.9	0.513	131	17.2%	15.7%
Transportation	137.9	0.037	52.9	31	0.9	0.526	17	2.2%	1.8%
Commercial	1,380.1	0.037	56.2	31	0.9	0.556	179	23.5%	17.7%
Mixed Residential/Commercial Use	0.0	0.032	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.007	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.007	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	0.058	75.9	31	0.9	0.733	239	31.4%	11.4%
Total	7,796.3						762	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _i)	P _i	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.026	2.4	31	0.9	0.072	28	5.4%	30.3%
Medium Density Residential	1,720.1	0.026	16.6	31	0.9	0.199	56	10.9%	22.1%
High Density Residential	1,224.5	0.033	30.3	31	0.9	0.323	82	16.0%	15.7%
Transportation	137.9	0.037	22.7	31	0.9	0.254	8	1.6%	1.8%
Commercial	1,380.1	0.037	43.9	31	0.9	0.445	144	27.8%	17.7%
Mixed Residential/Commercial Use	0.0	0.032	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.007	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.007	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	0.058	61.9	31	0.9	0.607	198	38.4%	11.4%
Total	7,796.3						517	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.026	18.8	31	0.9	0.219	187	24.7%	43.7%
Medium Density Residential	0.0	0.026	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	0.033	51.4	31	0.9	0.513	14	1.8%	1.1%
Transportation	976.4	0.037	52.9	31	0.9	0.526	120	15.9%	8.2%
Commercial	1,260.6	0.037	56.2	31	0.9	0.556	164	21.6%	10.6%
Mixed Residential/Commercial Use	0.0	0.032	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.9	31	0.9	0.067	0	0.0%	9.2%
Wetland	1,282.1	0.007	2.4	31	0.9	0.072	4	0.5%	10.8%
Water	10.6	0.007	100.0	31	0.9	0.950	0	0.1%	0.1%
Active Agriculture	609.7	0	2.0	31	0.9	0.068	0	0.0%	5.1%
Urban Open	313.7	0	10.9	31	0.9	0.148	0	0.0%	2.6%
Industrial	999.9	0.058	75.9	31	0.9	0.733	269	35.5%	8.4%
Total	11,868.8						758	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.026	2.4	31	0.9	0.072	61	12.6%	43.7%
Medium Density Residential	0.0	0.026	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	0.033	30.3	31	0.9	0.323	9	1.8%	1.1%
Transportation	976.4	0.037	22.7	31	0.9	0.254	58	11.9%	8.2%
Commercial	1,260.6	0.037	43.9	31	0.9	0.445	131	27.0%	10.6%
Mixed Residential/Commercial Use	0.0	0.032	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.1	31	0.9	0.060	0	0.0%	9.2%
Wetland	1,282.1	0.007	2.4	31	0.9	0.072	4	0.8%	10.8%
Water	10.6	0.007	100.0	31	0.9	0.950	0	0.1%	0.1%
Active Agriculture	609.7	0	0.1	31	0.9	0.051	0	0.0%	5.1%
Urban Open	313.7	0	4.2	31	0.9	0.088	0	0.0%	2.6%
Industrial	999.9	0.058	61.9	31	0.9	0.607	223	45.8%	8.4%
Total	11,868.8						486	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.026	18.8	31	0.9	0.219	53	4.1%	12.3%
Medium Density Residential	3,129.2	0.026	37.8	31	0.9	0.390	201	15.5%	26.4%
High Density Residential	1,632.3	0.033	51.4	31	0.9	0.513	175	13.5%	13.8%
Transportation	1,432.2	0.037	52.9	31	0.9	0.526	176	13.6%	12.1%
Commercial	1,212.8	0.037	56.2	31	0.9	0.556	158	12.2%	10.2%
Mixed Residential/Commercial Use	824.7	0.032	47.0	31	0.9	0.473	78	6.0%	6.9%
Forest & Rural Open	244.3	0	1.9	31	0.9	0.067	0	0.0%	2.1%
Wetland	0.0	0.007	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.007	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	2.0	31	0.9	0.068	0	0.0%	2.0%
Urban Open	0.0	0	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	0.058	75.9	31	0.9	0.733	457	35.2%	14.3%
Total	11,869.3						1,296	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.026	2.4	31	0.9	0.072	17	2.0%	12.3%
Medium Density Residential	3,129.2	0.026	16.6	31	0.9	0.199	103	11.8%	26.4%
High Density Residential	1,632.3	0.033	30.3	31	0.9	0.323	110	12.6%	13.8%
Transportation	1,432.2	0.037	22.7	31	0.9	0.254	85	9.8%	12.1%
Commercial	1,212.8	0.037	43.9	31	0.9	0.445	126	14.5%	10.2%
Mixed Residential/Commercial Use	824.7	0.032	30.3	31	0.9	0.322	53	6.1%	6.9%
Forest & Rural Open	244.3	0	1.1	31	0.9	0.060	0	0.0%	2.1%
Wetland	0.0	0.007	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.007	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	0.1	31	0.9	0.051	0	0.0%	2.0%
Urban Open	0.0	0	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	0.058	61.9	31	0.9	0.607	378	43.3%	14.3%
Total	11,869.3						872	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.026	18.8	31	0.9	0.219	107	18.3%	36.4%
Medium Density Residential	0.0	0.026	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	0.033	51.4	31	0.9	0.513	35	6.0%	4.0%
Transportation	993.0	0.037	52.9	31	0.9	0.526	122	20.9%	12.2%
Commercial	876.0	0.037	56.2	31	0.9	0.556	114	19.5%	10.7%
Mixed Residential/Commercial Use	0.0	0.032	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.9	31	0.9	0.067	0	0.0%	7.5%
Wetland	665.8	0.007	2.4	31	0.9	0.072	2	0.4%	8.2%
Water	132.1	0.007	100.0	31	0.9	0.950	6	1.0%	1.6%
Active Agriculture	643.3	0	2.0	31	0.9	0.068	0	0.0%	7.9%
Urban Open	197.8	0	10.9	31	0.9	0.148	0	0.0%	2.4%
Industrial	739.4	0.058	75.9	31	0.9	0.733	199	34.0%	9.1%
Total	8,158.4						585	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.026	2.4	31	0.9	0.072	35	9.2%	36.4%
Medium Density Residential	0.0	0.026	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	0.033	30.3	31	0.9	0.323	22	5.8%	4.0%
Transportation	993.0	0.037	22.7	31	0.9	0.254	59	15.6%	12.2%
Commercial	876.0	0.037	43.9	31	0.9	0.445	91	24.0%	10.7%
Mixed Residential/Commercial Use	0.0	0.032	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.1	31	0.9	0.060	0	0.0%	7.5%
Wetland	665.8	0.007	2.4	31	0.9	0.072	2	0.6%	8.2%
Water	132.1	0.007	100.0	31	0.9	0.950	6	1.5%	1.6%
Active Agriculture	643.3	0	0.1	31	0.9	0.051	0	0.0%	7.9%
Urban Open	197.8	0	4.2	31	0.9	0.088	0	0.0%	2.4%
Industrial	739.4	0.058	61.9	31	0.9	0.607	165	43.4%	9.1%
Total	8,158.4						380	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.026	18.8	31	0.9	0.219	59	6.8%	20.0%
Medium Density Residential	1,329.9	0.026	37.8	31	0.9	0.390	85	9.8%	16.3%
High Density Residential	1,030.1	0.033	51.4	31	0.9	0.513	110	12.7%	12.6%
Transportation	1,492.3	0.037	52.9	31	0.9	0.526	184	21.2%	18.3%
Commercial	1,094.4	0.037	56.2	31	0.9	0.556	142	16.4%	13.4%
Mixed Residential/Commercial Use	508.8	0.032	47.0	31	0.9	0.473	48	5.5%	6.2%
Forest & Rural Open	81.1	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.007	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.007	100.0	31	0.9	0.950	5	0.6%	1.5%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	0.058	75.9	31	0.9	0.733	234	27.0%	10.7%
Total	8,159.3						868	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Copper (lb./year)

Land Use Category	Acres (Au)	Cu Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cu Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.026	2.4	31	0.9	0.072	19	3.4%	20.0%
Medium Density Residential	1,329.9	0.026	16.6	31	0.9	0.199	44	7.7%	16.3%
High Density Residential	1,030.1	0.033	30.3	31	0.9	0.323	69	12.2%	12.6%
Transportation	1,492.3	0.037	22.7	31	0.9	0.254	89	15.7%	18.3%
Commercial	1,094.4	0.037	43.9	31	0.9	0.445	114	20.1%	13.4%
Mixed Residential/Commercial Use	508.8	0.032	30.3	31	0.9	0.322	33	5.8%	6.2%
Forest & Rural Open	81.1	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.007	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.007	100.0	31	0.9	0.950	5	0.9%	1.5%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	0.058	61.9	31	0.9	0.607	194	34.2%	10.7%
Total	8,159.3						567	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _T)	P _f	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.161	18.8	31	0.9	0.219	1,089	32.3%	62.6%
Medium Density Residential	0.0	0.161	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	0.218	51.4	31	0.9	0.513	61	1.8%	1.1%
Transportation	315.1	0.156	52.9	31	0.9	0.526	164	4.9%	4.0%
Commercial	1,154.5	0.156	56.2	31	0.9	0.556	633	18.8%	14.8%
Mixed Residential/Commercial Use	0.0	0.159	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.9	31	0.9	0.067	0	0.0%	5.0%
Wetland	235.8	0.03	2.4	31	0.9	0.072	3	0.1%	3.0%
Water	8.7	0.03	100.0	31	0.9	0.950	2	0.0%	0.1%
Active Agriculture	28.7	0	2.0	31	0.9	0.068	0	0.0%	0.4%
Urban Open	242.9	0.04	10.9	31	0.9	0.148	9	0.3%	3.1%
Industrial	453.1	0.671	75.9	31	0.9	0.733	1,410	41.8%	5.8%
Total	7,796.3						3,370	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _T)	P _f	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.161	2.4	31	0.9	0.072	356	16.5%	62.6%
Medium Density Residential	0.0	0.161	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	0.218	30.3	31	0.9	0.323	39	1.8%	1.1%
Transportation	315.1	0.156	22.7	31	0.9	0.254	79	3.7%	4.0%
Commercial	1,154.5	0.156	43.9	31	0.9	0.445	507	23.5%	14.8%
Mixed Residential/Commercial Use	0.0	0.159	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.1	31	0.9	0.060	0	0.0%	5.0%
Wetland	235.8	0.03	2.4	31	0.9	0.072	3	0.1%	3.0%
Water	8.7	0.03	100.0	31	0.9	0.950	2	0.1%	0.1%
Active Agriculture	28.7	0	0.1	31	0.9	0.051	0	0.0%	0.4%
Urban Open	242.9	0.04	4.2	31	0.9	0.088	5	0.3%	3.1%
Industrial	453.1	0.671	61.9	31	0.9	0.607	1,167	54.1%	5.8%
Total	7,796.3						2,158	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P _T)	P _f	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.161	18.8	31	0.9	0.219	527	9.3%	30.3%
Medium Density Residential	1,720.1	0.161	37.8	31	0.9	0.390	683	12.0%	22.1%
High Density Residential	1,224.5	0.218	51.4	31	0.9	0.513	865	15.3%	15.7%
Transportation	137.9	0.156	52.9	31	0.9	0.526	72	1.3%	1.8%
Commercial	1,380.1	0.156	56.2	31	0.9	0.556	757	13.3%	17.7%
Mixed Residential/Commercial Use	0.0	0.159	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.03	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.03	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.04	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	0.671	75.9	31	0.9	0.733	2,769	48.8%	11.4%
Total	7,796.3						5,674	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P _T)	P _f	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.161	2.4	31	0.9	0.072	172	4.3%	30.3%
Medium Density Residential	1,720.1	0.161	16.6	31	0.9	0.199	349	8.7%	22.1%
High Density Residential	1,224.5	0.218	30.3	31	0.9	0.323	545	13.6%	15.7%
Transportation	137.9	0.156	22.7	31	0.9	0.254	35	0.9%	1.8%
Commercial	1,380.1	0.156	43.9	31	0.9	0.445	606	15.1%	17.7%
Mixed Residential/Commercial Use	0.0	0.159	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.03	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.03	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.04	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	0.671	61.9	31	0.9	0.607	2,293	57.3%	11.4%
Total	7,796.3						4,000	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.161	18.8	31	0.9	0.219	1,159	20.7%	43.7%
Medium Density Residential	0.0	0.161	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	0.218	51.4	31	0.9	0.513	90	1.6%	1.1%
Transportation	976.4	0.156	52.9	31	0.9	0.526	507	9.1%	8.2%
Commercial	1,260.6	0.156	56.2	31	0.9	0.556	691	12.4%	10.6%
Mixed Residential/Commercial Use	0.0	0.159	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.9	31	0.9	0.067	0	0.0%	9.2%
Wetland	1,282.1	0.03	2.4	31	0.9	0.072	17	0.3%	10.8%
Water	10.6	0.03	100.0	31	0.9	0.950	2	0.0%	0.1%
Active Agriculture	609.7	0	2.0	31	0.9	0.068	0	0.0%	5.1%
Urban Open	313.7	0.04	10.9	31	0.9	0.148	12	0.2%	2.6%
Industrial	999.9	0.671	75.9	31	0.9	0.733	3,111	55.7%	8.4%
Total	11,868.8						5,588	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.161	2.4	31	0.9	0.072	379	9.9%	43.7%
Medium Density Residential	0.0	0.161	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	0.218	30.3	31	0.9	0.323	57	1.5%	1.1%
Transportation	976.4	0.156	22.7	31	0.9	0.254	245	6.4%	8.2%
Commercial	1,260.6	0.156	43.9	31	0.9	0.445	554	14.4%	10.6%
Mixed Residential/Commercial Use	0.0	0.159	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.1	31	0.9	0.060	0	0.0%	9.2%
Wetland	1,282.1	0.03	2.4	31	0.9	0.072	17	0.5%	10.8%
Water	10.6	0.03	100.0	31	0.9	0.950	2	0.0%	0.1%
Active Agriculture	609.7	0	0.1	31	0.9	0.051	0	0.0%	5.1%
Urban Open	313.7	0.04	4.2	31	0.9	0.088	7	0.2%	2.6%
Industrial	999.9	0.671	61.9	31	0.9	0.607	2,576	67.2%	8.4%
Total	11,868.8						3,836	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.161	18.8	31	0.9	0.219	326	3.3%	12.3%
Medium Density Residential	3,129.2	0.161	37.8	31	0.9	0.390	1,243	12.7%	26.4%
High Density Residential	1,632.3	0.218	51.4	31	0.9	0.513	1,154	11.8%	13.8%
Transportation	1,432.2	0.156	52.9	31	0.9	0.526	743	7.6%	12.1%
Commercial	1,212.8	0.156	56.2	31	0.9	0.556	665	6.8%	10.2%
Mixed Residential/Commercial Use	824.7	0.159	47.0	31	0.9	0.473	391	4.0%	6.9%
Forest & Rural Open	244.3	0	1.9	31	0.9	0.067	0	0.0%	2.1%
Wetland	0.0	0.03	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.03	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	2.0	31	0.9	0.068	0	0.0%	2.0%
Urban Open	0.0	0.04	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	0.671	75.9	31	0.9	0.733	5,282	53.9%	14.3%
Total	11,869.3						9,804	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.161	2.4	31	0.9	0.072	106	1.5%	12.3%
Medium Density Residential	3,129.2	0.161	16.6	31	0.9	0.199	635	9.1%	26.4%
High Density Residential	1,632.3	0.218	30.3	31	0.9	0.323	726	10.4%	13.8%
Transportation	1,432.2	0.156	22.7	31	0.9	0.254	359	5.1%	12.1%
Commercial	1,212.8	0.156	43.9	31	0.9	0.445	533	7.6%	10.2%
Mixed Residential/Commercial Use	824.7	0.159	30.3	31	0.9	0.322	266	3.8%	6.9%
Forest & Rural Open	244.3	0	1.1	31	0.9	0.060	0	0.0%	2.1%
Wetland	0.0	0.03	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.03	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	0.1	31	0.9	0.051	0	0.0%	2.0%
Urban Open	0.0	0.04	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	0.671	61.9	31	0.9	0.607	4,374	62.5%	14.3%
Total	11,869.3						7,001	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.161	18.8	31	0.9	0.219	663	15.7%	36.4%
Medium Density Residential	0.0	0.161	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	0.218	51.4	31	0.9	0.513	230	5.4%	4.0%
Transportation	993.0	0.156	52.9	31	0.9	0.526	515	12.2%	12.2%
Commercial	876.0	0.156	56.2	31	0.9	0.556	480	11.4%	10.7%
Mixed Residential/Commercial Use	0.0	0.159	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.9	31	0.9	0.067	0	0.0%	7.5%
Wetland	665.8	0.03	2.4	31	0.9	0.072	9	0.2%	8.2%
Water	132.1	0.03	100.0	31	0.9	0.950	24	0.6%	1.6%
Active Agriculture	643.3	0	2.0	31	0.9	0.068	0	0.0%	7.9%
Urban Open	197.8	0.04	10.9	31	0.9	0.148	7	0.2%	2.4%
Industrial	739.4	0.671	75.9	31	0.9	0.733	2,300	54.4%	9.1%
Total	8,158.4						4,230	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.161	2.4	31	0.9	0.072	217	7.4%	36.4%
Medium Density Residential	0.0	0.161	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	0.218	30.3	31	0.9	0.323	145	4.9%	4.0%
Transportation	993.0	0.156	22.7	31	0.9	0.254	249	8.5%	12.2%
Commercial	876.0	0.156	43.9	31	0.9	0.445	385	13.1%	10.7%
Mixed Residential/Commercial Use	0.0	0.159	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.1	31	0.9	0.060	0	0.0%	7.5%
Wetland	665.8	0.03	2.4	31	0.9	0.072	9	0.3%	8.2%
Water	132.1	0.03	100.0	31	0.9	0.950	24	0.8%	1.6%
Active Agriculture	643.3	0	0.1	31	0.9	0.051	0	0.0%	7.9%
Urban Open	197.8	0.04	4.2	31	0.9	0.088	4	0.1%	2.4%
Industrial	739.4	0.671	61.9	31	0.9	0.607	1,905	64.8%	9.1%
Total	8,158.4						2,937	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.161	18.8	31	0.9	0.219	364	6.1%	20.0%
Medium Density Residential	1,329.9	0.161	37.8	31	0.9	0.390	528	8.9%	16.3%
High Density Residential	1,030.1	0.218	51.4	31	0.9	0.513	728	12.2%	12.6%
Transportation	1,492.3	0.156	52.9	31	0.9	0.526	775	13.0%	18.3%
Commercial	1,094.4	0.156	56.2	31	0.9	0.556	600	10.1%	13.4%
Mixed Residential/Commercial Use	508.8	0.159	47.0	31	0.9	0.473	241	4.0%	6.2%
Forest & Rural Open	81.1	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.03	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.03	100.0	31	0.9	0.950	22	0.4%	1.5%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.04	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	0.671	75.9	31	0.9	0.733	2,711	45.4%	10.7%
Total	8,159.3						5,969	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Zinc (lb./year)

Land Use Category	Acres (Au)	Zn Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _i	Runoff Coefficient (Rvu)*	Zn Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.161	2.4	31	0.9	0.072	119	2.9%	20.0%
Medium Density Residential	1,329.9	0.161	16.6	31	0.9	0.199	270	6.5%	16.3%
High Density Residential	1,030.1	0.218	30.3	31	0.9	0.323	458	11.1%	12.6%
Transportation	1,492.3	0.156	22.7	31	0.9	0.254	374	9.1%	18.3%
Commercial	1,094.4	0.156	43.9	31	0.9	0.445	481	11.6%	13.4%
Mixed Residential/Commercial Use	508.8	0.159	30.3	31	0.9	0.322	164	4.0%	6.2%
Forest & Rural Open	81.1	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.03	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.03	100.0	31	0.9	0.950	22	0.5%	1.5%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.04	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	0.671	61.9	31	0.9	0.607	2,245	54.3%	10.7%
Total	8,159.3						4,133	100.0%	100.0%

Ecourse Creek
LeBlanc Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.004	18.8	31	0.9	0.219	27	50.0%	62.6%
Medium Density Residential	0.0	0.004	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	87.0	0.003	51.4	31	0.9	0.513	1	1.8%	1.1%
Transportation	315.1	0.003	52.9	31	0.9	0.526	3	5.8%	4.0%
Commercial	1,154.5	0.003	56.2	31	0.9	0.556	12	22.5%	14.8%
Mixed Residential/Commercial Use	0.0	0.004	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.9	31	0.9	0.067	0	0.0%	5.0%
Wetland	235.8	0.001	2.4	31	0.9	0.072	0	0.2%	3.0%
Water	8.7	0.001	100.0	31	0.9	0.950	0	0.1%	0.1%
Active Agriculture	28.7	0	2.0	31	0.9	0.068	0	0.0%	0.4%
Urban Open	242.9	0.001	10.9	31	0.9	0.148	0	0.4%	3.1%
Industrial	453.1	0.005	75.9	31	0.9	0.733	11	19.4%	5.8%
Total	7,796.3						54	100.0%	100.0%

LeBlanc Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	4,879.5	0.004	2.4	31	0.9	0.072	9	29.8%	62.6%
Medium Density Residential	0.0	0.004	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	87.0	0.003	30.3	31	0.9	0.323	1	1.8%	1.1%
Transportation	315.1	0.003	22.7	31	0.9	0.254	2	5.1%	4.0%
Commercial	1,154.5	0.003	43.9	31	0.9	0.445	10	32.9%	14.8%
Mixed Residential/Commercial Use	0.0	0.004	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	391.0	0	1.1	31	0.9	0.060	0	0.0%	5.0%
Wetland	235.8	0.001	2.4	31	0.9	0.072	0	0.4%	3.0%
Water	8.7	0.001	100.0	31	0.9	0.950	0	0.2%	0.1%
Active Agriculture	28.7	0	0.1	31	0.9	0.051	0	0.0%	0.4%
Urban Open	242.9	0.001	4.2	31	0.9	0.088	0	0.5%	3.1%
Industrial	453.1	0.005	61.9	31	0.9	0.607	9	29.4%	5.8%
Total	7,796.3						30	100.0%	100.0%

Le Blanc Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.004	18.8	31	0.9	0.219	13	16.7%	30.3%
Medium Density Residential	1,720.1	0.004	37.8	31	0.9	0.390	17	21.6%	22.1%
High Density Residential	1,224.5	0.003	51.4	31	0.9	0.513	12	15.2%	15.7%
Transportation	137.9	0.003	52.9	31	0.9	0.526	1	1.8%	1.8%
Commercial	1,380.1	0.003	56.2	31	0.9	0.556	15	18.5%	17.7%
Mixed Residential/Commercial Use	0.0	0.004	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.001	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.001	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.001	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	890.2	0.005	75.9	31	0.9	0.733	21	26.3%	11.4%
Total	7,796.3						79	100.0%	100.0%

LeBlanc Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,363.0	0.004	2.4	31	0.9	0.072	4	8.6%	30.3%
Medium Density Residential	1,720.1	0.004	16.6	31	0.9	0.199	9	17.4%	22.1%
High Density Residential	1,224.5	0.003	30.3	31	0.9	0.323	7	15.0%	15.7%
Transportation	137.9	0.003	22.7	31	0.9	0.254	1	1.3%	1.8%
Commercial	1,380.1	0.003	43.9	31	0.9	0.445	12	23.4%	17.7%
Mixed Residential/Commercial Use	0.0	0.004	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	80.5	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.001	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	0.0	0.001	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.001	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	890.2	0.005	61.9	31	0.9	0.607	17	34.3%	11.4%
Total	7,796.3						50	100.0%	100.0%

North Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.004	18.8	31	0.9	0.219	29	37.3%	43.7%
Medium Density Residential	0.0	0.004	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	127.1	0.003	51.4	31	0.9	0.513	1	1.6%	1.1%
Transportation	976.4	0.003	52.9	31	0.9	0.526	10	12.6%	8.2%
Commercial	1,260.6	0.003	56.2	31	0.9	0.556	13	17.2%	10.6%
Mixed Residential/Commercial Use	0.0	0.004	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.9	31	0.9	0.067	0	0.0%	9.2%
Wetland	1,282.1	0.001	2.4	31	0.9	0.072	1	0.8%	10.8%
Water	10.6	0.001	100.0	31	0.9	0.950	0	0.1%	0.1%
Active Agriculture	609.7	0	2.0	31	0.9	0.068	0	0.0%	5.1%
Urban Open	313.7	0.001	10.9	31	0.9	0.148	0	0.4%	2.6%
Industrial	999.9	0.005	75.9	31	0.9	0.733	23	30.0%	8.4%
Total	11,868.8						77	100.0%	100.0%

North Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	5,192.2	0.004	2.4	31	0.9	0.072	9	20.6%	43.7%
Medium Density Residential	0.0	0.004	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	127.1	0.003	30.3	31	0.9	0.323	1	1.7%	1.1%
Transportation	976.4	0.003	22.7	31	0.9	0.254	5	10.3%	8.2%
Commercial	1,260.6	0.003	43.9	31	0.9	0.445	11	23.4%	10.6%
Mixed Residential/Commercial Use	0.0	0.004	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	1,096.5	0	1.1	31	0.9	0.060	0	0.0%	9.2%
Wetland	1,282.1	0.001	2.4	31	0.9	0.072	1	1.3%	10.8%
Water	10.6	0.001	100.0	31	0.9	0.950	0	0.1%	0.1%
Active Agriculture	609.7	0	0.1	31	0.9	0.051	0	0.0%	5.1%
Urban Open	313.7	0.001	4.2	31	0.9	0.088	0	0.4%	2.6%
Industrial	999.9	0.005	61.9	31	0.9	0.607	19	42.1%	8.4%
Total	11,868.8						46	100.0%	100.0%

North Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.004	18.8	31	0.9	0.219	8	6.2%	12.3%
Medium Density Residential	3,129.2	0.004	37.8	31	0.9	0.390	31	23.8%	26.4%
High Density Residential	1,632.3	0.003	51.4	31	0.9	0.513	16	12.2%	13.8%
Transportation	1,432.2	0.003	52.9	31	0.9	0.526	14	11.0%	12.1%
Commercial	1,212.8	0.003	56.2	31	0.9	0.556	13	9.8%	10.2%
Mixed Residential/Commercial Use	824.7	0.004	47.0	31	0.9	0.473	9	6.6%	6.9%
Forest & Rural Open	244.3	0	1.9	31	0.9	0.067	0	0.0%	2.1%
Wetland	0.0	0.001	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.001	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	2.0	31	0.9	0.068	0	0.0%	2.0%
Urban Open	0.0	0.001	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	1,697.9	0.005	75.9	31	0.9	0.733	39	30.3%	14.3%
Total	11,869.3						130	100.0%	100.0%

North Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,460.4	0.004	2.4	31	0.9	0.072	3	3.1%	12.3%
Medium Density Residential	3,129.2	0.004	16.6	31	0.9	0.199	16	18.8%	26.4%
High Density Residential	1,632.3	0.003	30.3	31	0.9	0.323	10	11.9%	13.8%
Transportation	1,432.2	0.003	22.7	31	0.9	0.254	7	8.2%	12.1%
Commercial	1,212.8	0.003	43.9	31	0.9	0.445	10	12.2%	10.2%
Mixed Residential/Commercial Use	824.7	0.004	30.3	31	0.9	0.322	6	7.0%	6.9%
Forest & Rural Open	244.3	0	1.1	31	0.9	0.060	0	0.0%	2.1%
Wetland	0.0	0.001	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	1.7	0.001	100.0	31	0.9	0.950	0	0.0%	0.0%
Active Agriculture	233.8	0	0.1	31	0.9	0.051	0	0.0%	2.0%
Urban Open	0.0	0.001	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	1,697.9	0.005	61.9	31	0.9	0.607	33	38.8%	14.3%
Total	11,869.3						84	100.0%	100.0%

South Branch Existing TIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.004	18.8	31	0.9	0.219	16	28.8%	36.4%
Medium Density Residential	0.0	0.004	37.8	31	0.9	0.390	0	0.0%	0.0%
High Density Residential	325.8	0.003	51.4	31	0.9	0.513	3	5.5%	4.0%
Transportation	993.0	0.003	52.9	31	0.9	0.526	10	17.3%	12.2%
Commercial	876.0	0.003	56.2	31	0.9	0.556	9	16.1%	10.7%
Mixed Residential/Commercial Use	0.0	0.004	47.0	31	0.9	0.473	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.9	31	0.9	0.067	0	0.0%	7.5%
Wetland	665.8	0.001	2.4	31	0.9	0.072	0	0.5%	8.2%
Water	132.1	0.001	100.0	31	0.9	0.950	1	1.4%	1.6%
Active Agriculture	643.3	0	2.0	31	0.9	0.068	0	0.0%	7.9%
Urban Open	197.8	0.001	10.9	31	0.9	0.148	0	0.3%	2.4%
Industrial	739.4	0.005	75.9	31	0.9	0.733	17	30.0%	9.1%
Total	8,158.4						57	100.0%	100.0%

South Branch Existing DCIA

Table . Estimated Current Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	2,971.4	0.004	2.4	31	0.9	0.072	5	15.4%	36.4%
Medium Density Residential	0.0	0.004	16.6	31	0.9	0.199	0	0.0%	0.0%
High Density Residential	325.8	0.003	30.3	31	0.9	0.323	2	5.7%	4.0%
Transportation	993.0	0.003	22.7	31	0.9	0.254	5	13.7%	12.2%
Commercial	876.0	0.003	43.9	31	0.9	0.445	7	21.2%	10.7%
Mixed Residential/Commercial Use	0.0	0.004	30.3	31	0.9	0.322	0	0.0%	0.0%
Forest & Rural Open	613.8	0	1.1	31	0.9	0.060	0	0.0%	7.5%
Wetland	665.8	0.001	2.4	31	0.9	0.072	0	0.9%	8.2%
Water	132.1	0.001	100.0	31	0.9	0.950	1	2.3%	1.6%
Active Agriculture	643.3	0	0.1	31	0.9	0.051	0	0.0%	7.9%
Urban Open	197.8	0.001	4.2	31	0.9	0.088	0	0.3%	2.4%
Industrial	739.4	0.005	61.9	31	0.9	0.607	14	40.6%	9.1%
Total	8,158.4						35	100.0%	100.0%

South Branch Future TIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Total Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.004	18.8	31	0.9	0.219	9	10.7%	20.0%
Medium Density Residential	1,329.9	0.004	37.8	31	0.9	0.390	13	15.5%	16.3%
High Density Residential	1,030.1	0.003	51.4	31	0.9	0.513	10	11.8%	12.6%
Transportation	1,492.3	0.003	52.9	31	0.9	0.526	15	17.5%	18.3%
Commercial	1,094.4	0.003	56.2	31	0.9	0.556	12	13.6%	13.4%
Mixed Residential/Commercial Use	508.8	0.004	47.0	31	0.9	0.473	5	6.3%	6.2%
Forest & Rural Open	81.1	0	1.9	31	0.9	0.067	0	0.0%	1.0%
Wetland	0.0	0.001	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.001	100.0	31	0.9	0.950	1	0.8%	1.5%
Active Agriculture	0.0	0	2.0	31	0.9	0.068	0	0.0%	0.0%
Urban Open	0.0	0.001	10.9	31	0.9	0.148	0	0.0%	0.0%
Industrial	871.4	0.005	75.9	31	0.9	0.733	20	23.8%	10.7%
Total	8,159.3						85	100.0%	100.0%

South Branch Future DCIA

Table . Estimated Future Stormwater and Snowmelt Runoff-Generated Annual Loads: Cadmium (lb./year)

Land Use Category	Acres (Au)	Cd Conc. (mg/L) (Cu)	Percent Directly Connected Imperviousness (Iu)	Annual Precipitation (in.) (P)	P _f	Runoff Coefficient (Rvu)*	Cd Annual Load (lbs/yr)	% of Total Load	% of Land Use
Low Density Residential	1,631.5	0.004	2.4	31	0.9	0.072	3	5.5%	20.0%
Medium Density Residential	1,329.9	0.004	16.6	31	0.9	0.199	7	12.5%	16.3%
High Density Residential	1,030.1	0.003	30.3	31	0.9	0.323	6	11.8%	12.6%
Transportation	1,492.3	0.003	22.7	31	0.9	0.254	7	13.5%	18.3%
Commercial	1,094.4	0.003	43.9	31	0.9	0.445	9	17.3%	13.4%
Mixed Residential/Commercial Use	508.8	0.004	30.3	31	0.9	0.322	4	6.8%	6.2%
Forest & Rural Open	81.1	0	1.1	31	0.9	0.060	0	0.0%	1.0%
Wetland	0.0	0.001	2.4	31	0.9	0.072	0	0.0%	0.0%
Water	119.8	0.001	100.0	31	0.9	0.950	1	1.3%	1.5%
Active Agriculture	0.0	0	0.1	31	0.9	0.051	0	0.0%	0.0%
Urban Open	0.0	0.001	4.2	31	0.9	0.088	0	0.0%	0.0%
Industrial	871.4	0.005	61.9	31	0.9	0.607	17	31.3%	10.7%
Total	8,159.3						53	100.0%	100.0%