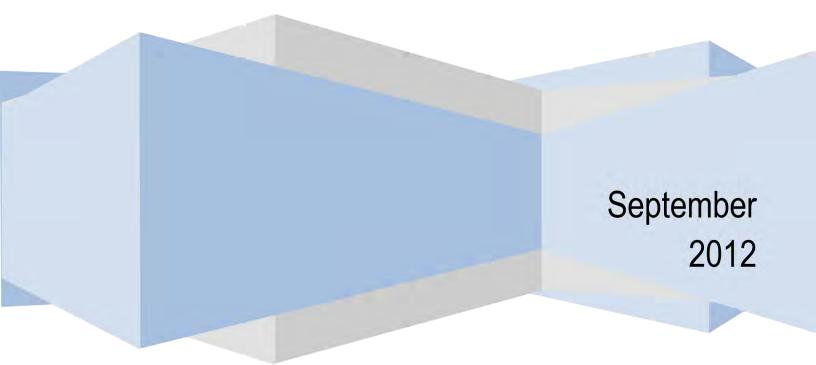


Appendix C:

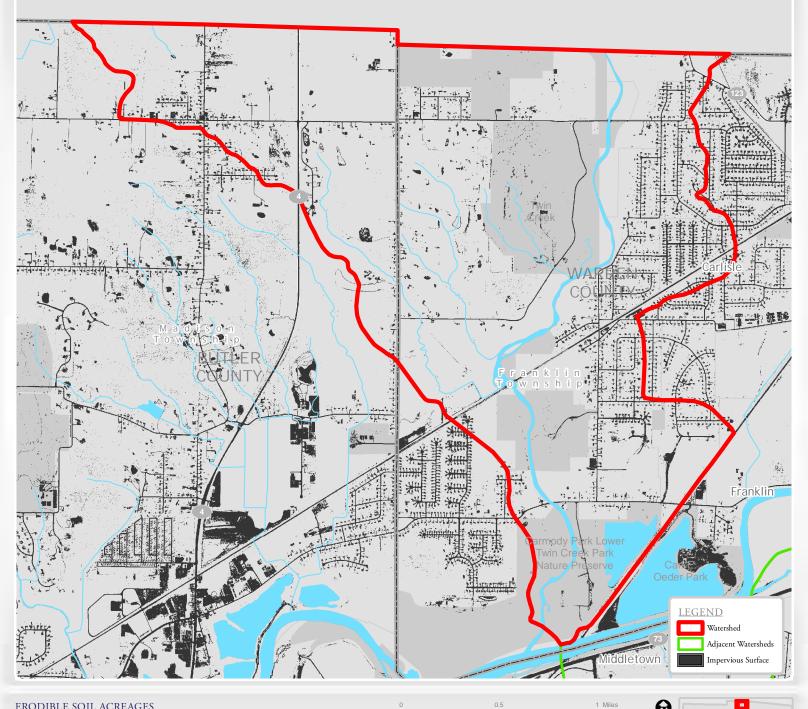
Impervious Surface Analysis for the Watersheds of Butler, Clermont, Hamilton and Warren Counties



TOWN OF GERMANTOWN-TWIN CREEK Watershed

HUC 12: 050800020306

6.8% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	27.5 acres	0.9% of Watershed
Not Highly Erodible:	145.4 acres	4.79% of Watershed
Potentially Erodible:	36.5 acres	1.2% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	189.7 acres	6.07% of Watershed
Moderate (10%-20% slope):	16.8 acres	0.54% of Watershed
Severe (more than 20% slope):	5.4 acres	0.17% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>.S</u>	
In Riparian Corridor:	3.9 acres	0.12% of Watershed
Outside Riparian Corridor:	207.8 acres	6.65% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	130.1 acres	4.16% of Watershed
No Aquifer:	81.7 acres	2.61% of Watershed

	•
ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	1 miles
County Roads:	0 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler, Warren Townships: Franklin, Madison Cities: Franklin, Carlisle Villages:

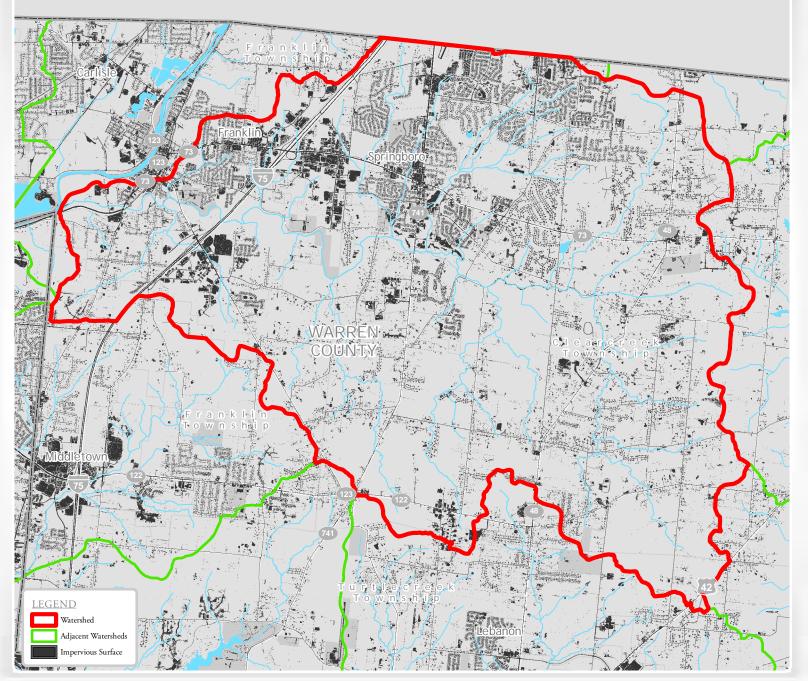


OK

CLEAR CREEK Watershed

HUC 12: 050800020403

12.4% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	1659 acres	5.14% of Watershed	
Not Highly Erodible:	1263.1 acres	3.91% of Watershed	
Potentially Erodible:	925.3 acres	2.86% of Watershed	
SLOPE CLASS ACREAGES			
Slight (0%-10% slope):	3561.7 acres	11.02% of Watershed	
Moderate (10%-20% slope):	345.8 acres	1.07% of Watershed	
Severe (more than 20% slope):	92.8 acres	0.29% of Watershed	
RIPARIAN CORRIDOR ACREAGES			
In Riparian Corridor:	161.7 acres	0.5% of Watershed	
Outside Riparian Corridor:	3838.6 acres	11.88% of Watershed	
AOUIFER AREA ACREAGES			
Above Aquifer:	655.6 acres	2.03% of Watershed	
No Aquifer:	3344.8 acres	10.35% of Watershed	

ROADWAY MILES Interstate Highways and Ramps:

Miles

Interstate Highways and Ramps:	15.3 miles
U.S. Highways:	0.6 miles
State Routes:	29.1 miles
County Roads:	24.9 miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren

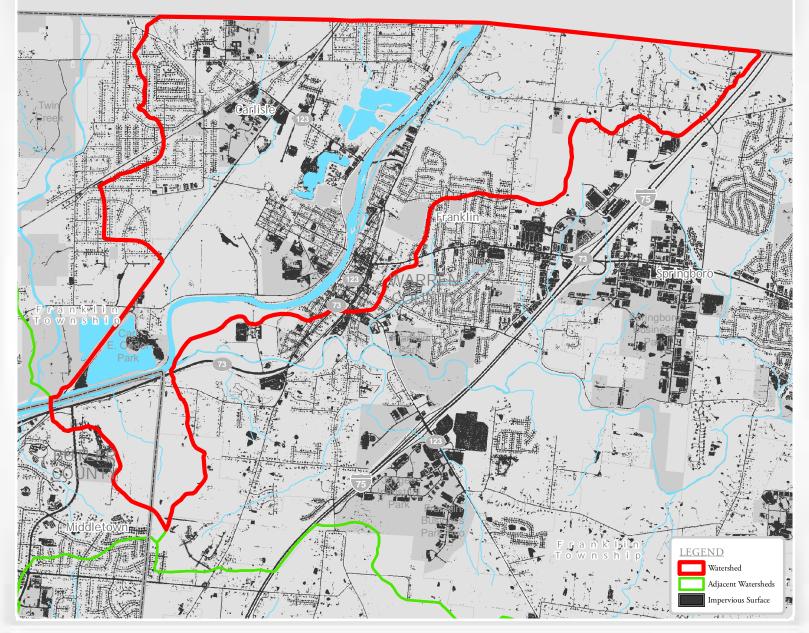
Townships: Clearcreek, Franklin, Turtlecreek Cities: Franklin, Middletown, Springboro Villages:





DRY RUN-GREAT MIAMI RIVER Watershed

HUC 12: 050800020404



ERODIBLE SOIL ACREAGES	
Highly Erodible:	
Not Highly Erodible:	

Potentially Erodible:	26.4 ac
SLOPE CLASS ACREAGES	
Slight (0%-10% slope):	691.4 ac
Moderate (10%-20% slope):	57.8 ac
Severe (more than 20% slope):	29 ac
RIPARIAN CORRIDOR ACREAGES	
In Riparian Corridor:	27.5 ac
Outside Riparian Corridor:	750.7 ac
AQUIFER AREA ACREAGES	
Above Aquifer:	667.6 ac
No Aquifer:	110.6 ac

123.2 acres	2.2% of Watershed
587.2 acres	10.51% of Watershed
26.4 acres	0.47% of Watershed
691.4 acres	12.34% of Watershed
57.8 acres	1.03% of Watershed
29 acres	0.52% of Watershed
27.5 acres	0.49% of Watershed
750.7 acres	13.4% of Watershed
667.6 acres	11.92% of Watershed
110.6 acres	1.97% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	11.6 mile
U.S. Highways:	7.1 mile
State Routes:	12.4 mile
County Roads:	47.5 mile

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler, Warren

Townships: Clearcreek, Franklin

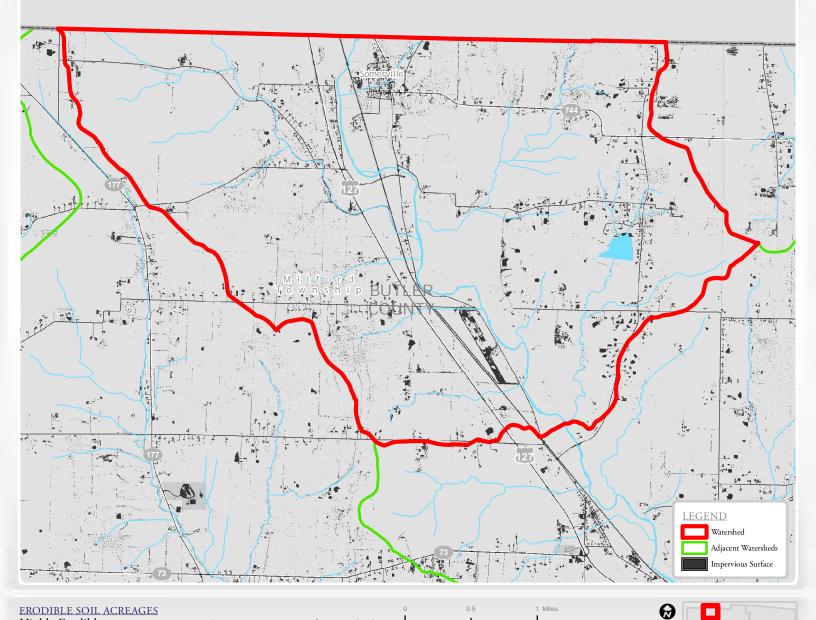
Cities: Carlisle, Franklin, Middletown, Springboro Villages:





RUSH RUN-SEVENMILE CREEK Watershed

HUC 12: 050800020504



ERODIBLE SOIL ACREAGES

Highly Erodible:	40 acres	0.58% of Watershed
Not Highly Erodible:	109.8 acres	1.59% of Watershed
Potentially Erodible:	174.1 acres	2.52% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	263.7 acres	3.81% of Watershed
Moderate (10%-20% slope):	54.2 acres	0.78% of Watershed
Severe (more than 20% slope):	27.9 acres	0.4% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	40.4 acres	0.58% of Watershed
Outside Riparian Corridor:	305.4 acres	4.41% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	108.5 acres	1.57% of Watershed
No Aquifer:	237.4 acres	3.43% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	3.4 miles
State Routes:	2.6 miles
County Roads:	7.1 miles
County Roads:	7.1 miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler

Townships: Milford, Wayne Cities: Villages: Somerville

0.5

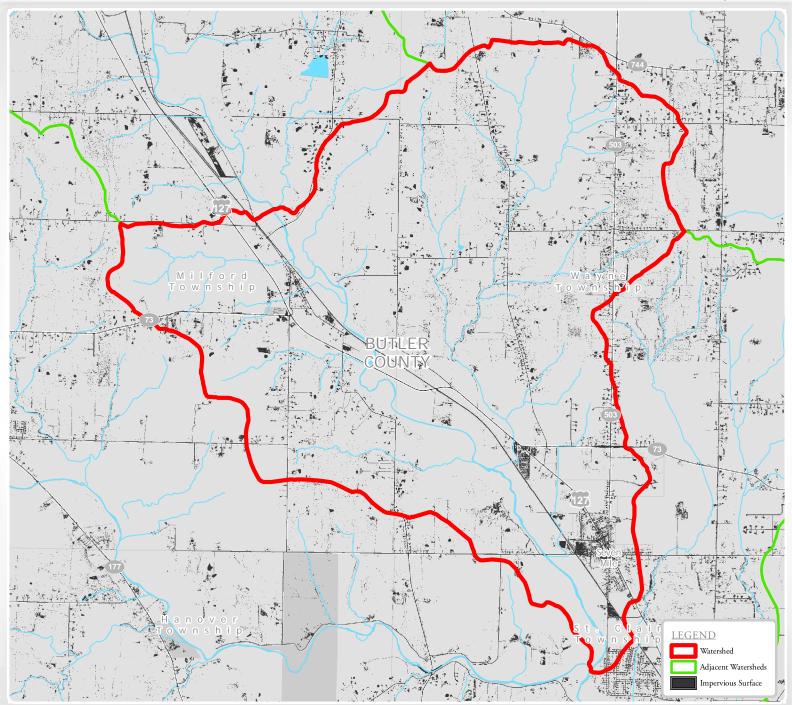
BUTLER	WARREN
HAMILTON	CLERMONT



NINEMILE CREEK-SEVENMILE CREEK Watershed

HUC 12: 050800020505

5.4% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	31.8 acres	0.29% of Watershed
Not Highly Erodible:	154.5 acres	1.42% of Watershed
Potentially Erodible:	344.4 acres	3.17% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	473 acres	4.35% of Watershed
Moderate (10%-20% slope):	80.2 acres	0.74% of Watershed
Severe (more than 20% slope):	30.2 acres	0.28% of Watershed
RIPARIAN CORRIDOR ACREAGES	5	
In Riparian Corridor:	42.4 acres	0.39% of Watershed
Outside Riparian Corridor:	540.9 acres	4.97% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	187.8 acres	1.73% of Watershed
No Aquifer:	395.6 acres	3.64% of Watershed

ROADWAY MILES
Interstate Highways and Ramps:
U.S. Highways:
State Routes:
County Roads:

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler Townships: Milford, St. Clair, Wayne Cities: Villages: Seven Mile



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0 miles

6 miles

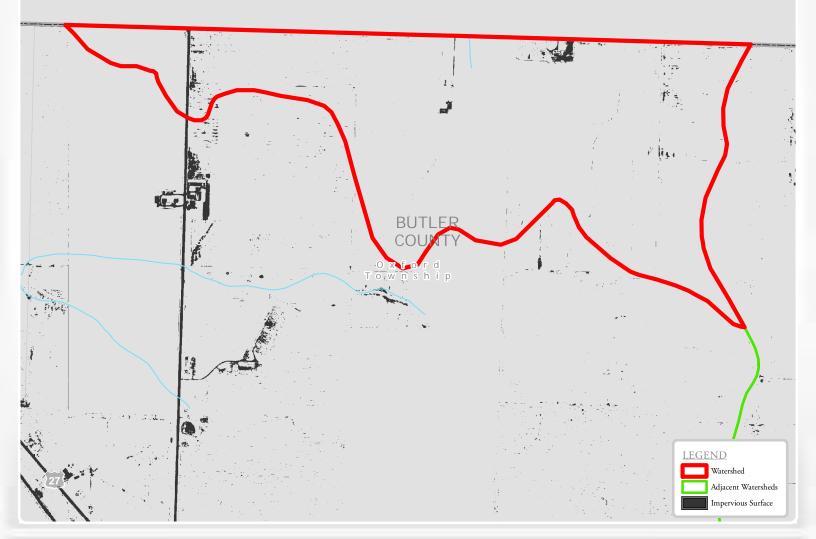
5.5 miles

11.6 miles

LITTLE FOUR MILE CREEK Watershed

HUC 12: 050800020602

1.9% Impervious



ERODIBLE SOIL ACREAGES	
Highly Erodible:	0
Not Highly Erodible:	2.5
Potentially Erodible:	0
SLOPE CLASS ACREAGES	
Slight (0%-10% slope):	5
Moderate (10%-20% slope):	0.4
Severe (more than 20% slope):	0
RIPARIAN CORRIDOR ACREAGES	
In Riparian Corridor:	0.1
Outside Riparian Corridor:	5.2
AQUIFER AREA ACREAGES	
Above Aquifer:	0
No Aquifer:	5.4

0 acres	0% of Watershed
.5 acres	0.92% of Watershed
0 acres	0.02% of Watershed
5 acres	1.8% of Watershed
.4 acres	0.16% of Watershed
0 acres	0% of Watershed
.1 acres	0.02% of Watershed
.2 acres	1.86% of Watershed
0 acres	0% of Watershed
.4 acres	1.95% of Watershed

0	0.2	0.4 Miles		
ROADWAY	MILES		BUTLER	WAR
	Highways and Ramps:	0 miles		
U.S. High	ways:	0 miles	HAMILTON	5.
State Rout	es:	0 miles	\sim	ON
County Re	oads:	0 miles		CLERMONT
DOLUTION				CI

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler

Townships: Oxford Cities: Villages:

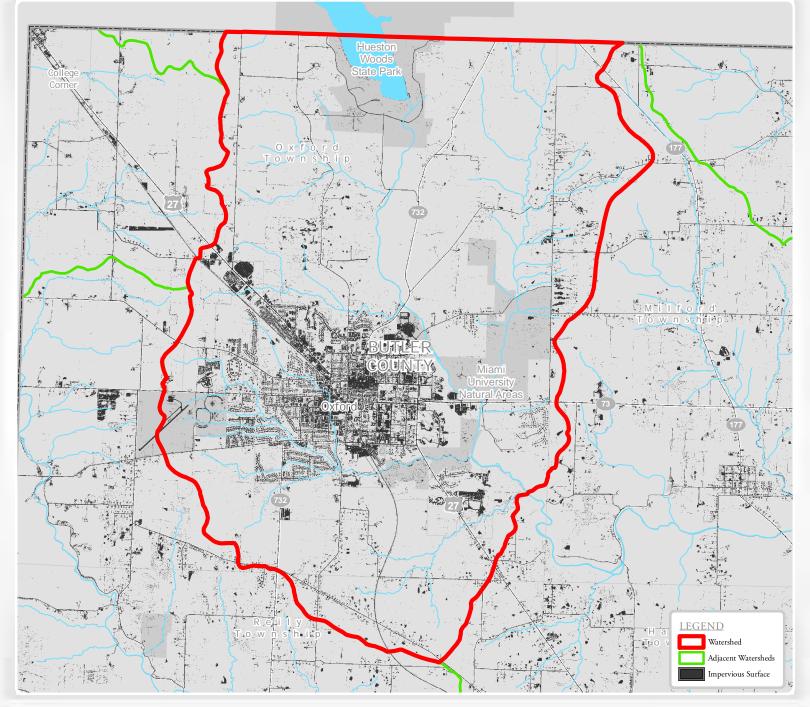




ACTON LAKE DAM-FOUR MILE CREEK Watershed

HUC 12: 050800020604

8.5% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	70.1 acres	0.4% o
Not Highly Erodible:	711.8 acres	4.01% o
Potentially Erodible:	553.3 acres	3.12% o
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1289.6 acres	7.27% o
Moderate (10%-20% slope):	150.6 acres	0.85% o
Severe (more than 20% slope):	59.4 acres	0.33% o
RIPARIAN CORRIDOR ACREAGI	ES	
In Riparian Corridor:	71.3 acres	0.4% of
Outside Riparian Corridor:	1428.2 acres	8.05% o
AOUIFER AREA ACREAGES		
Above Aquifer:	179.1 acres	1.01% o
No Aquifer:	1320.5 acres	7.44% o
1		

cres	0.4% of Watershed
cres	4.01% of Watershed
cres	3.12% of Watershed
cres	7.27% of Watershed
cres	0.85% of Watershed
cres	0.33% of Watershed
cres	0.4% of Watershed
cres	8.05% of Watershed
cres	1.01% of Watershed
cres	7.44% of Watershed
cies	/.44% of Watershed

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ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	5.4 miles
State Routes:	9.4 miles
County Roads:	14.5 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler

Townships: Milford, Oxford, Riley Cities: Oxford Villages:

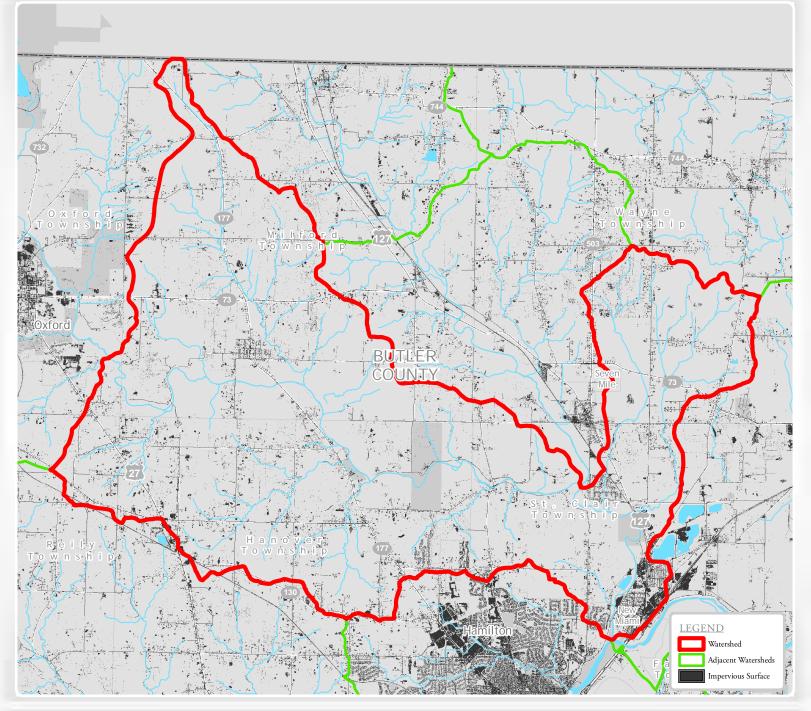




COTTON RUN-FOUR MILE CREEK Watershed

HUC 12: 050800020605

5.2% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	114.7 acres	0.35% of Watershed
Not Highly Erodible:	438.2 acres	1.33% of Watershed
Potentially Erodible:	913.1 acres	2.78% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1429.3 acres	4.35% of Watershed
Moderate (10%-20% slope):	206.6 acres	0.63% of Watershed
Severe (more than 20% slope):	85.2 acres	0.26% of Watershed
RIPARIAN CORRIDOR ACREAG	<u>ES</u>	
In Riparian Corridor:	106.7 acres	0.32% of Watershed
Outside Riparian Corridor:	1614.6 acres	4.92% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	600.2 acres	1.83% of Watershed
No Aquifer:	1120.9 acres	3.41% of Watershed

<u>ROADWAY MILES</u>	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	5.8 miles
State Routes:	18.1 miles
County Roads:	31.3 miles
POLITICAL IURISDICTIONS IN WAT	FRSHED

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler

Townships: Hanover, Milford, Oxford, Reily, Wayne, St. Clair Cities: Hamilton, Oxford Villages: Seven Mile, New Miami

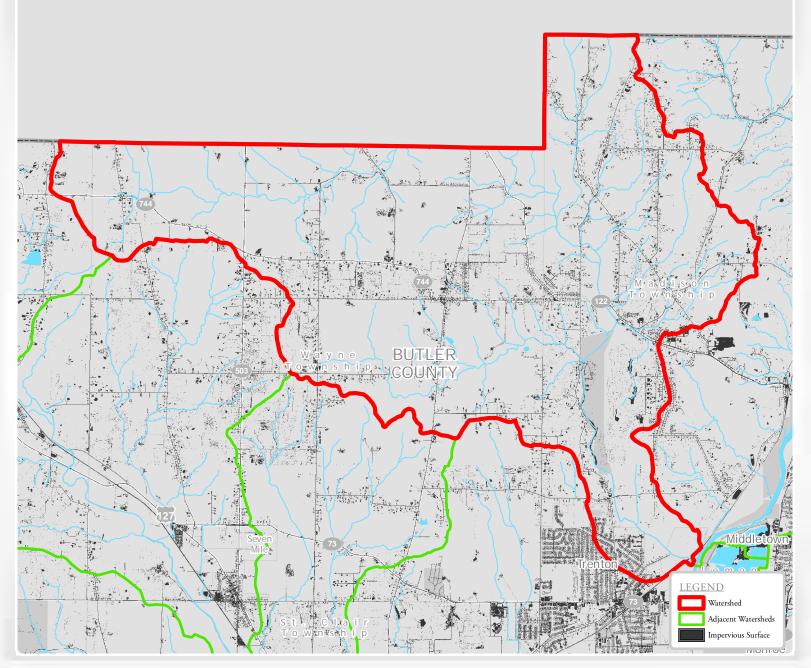
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WARREN

ELK CREEK Watershed

HUC 12: 050800020701



ERODIBLE SOIL ACREAGES		
Highly Erodible:	74.9 acres	0.4
Not Highly Erodible:	267.1 acres	1.4
Potentially Erodible:	521.8 acres	2.8
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	799.1 acres	4.3
Moderate (10%-20% slope):	118.1 acres	0.6
Severe (more than 20% slope):	36.8 acres	0.1
RIPARIAN CORRIDOR ACREAGE	S	
In Riparian Corridor:	87.3 acres	0.47
Outside Riparian Corridor:	866.4 acres	4.69
AQUIFER AREA ACREAGES		
Above Aquifer:	144.4 acres	0.78
No Aquifer:	809.6 acres	4.38

es 0.41% of Watershed es 1.45% of Watershed es 2.83% of Watershed es 0.64% of Watershed es 0.2% of Watershed es 0.47% of Watershed	
es 2.83% of Watershed es 4.33% of Watershed es 0.64% of Watershed es 0.2% of Watershed	
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o (=o) Crw 1 1	
es 0.47% of Watershed	
es 0.47% of Watershed	
es 4.69% of Watershed	
es 0.78% of Watershed	
es 4.38% of Watershed	

ROADWAY MILES	0 1
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	12.7 miles
County Roads:	15.5 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler

Townships: Lemon, Madison, Main, Milford Cities: Trenton Villages: Jacksonburg

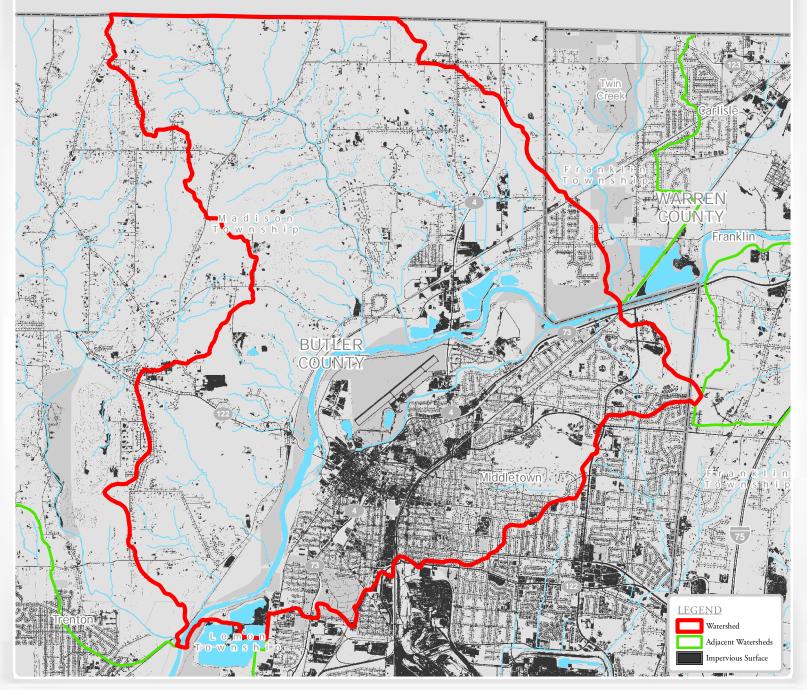




BROWNS RUN-GREAT MIAMI RIVER Watershed

HUC 12: 050800020702

13.8% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	113.4 acres	0.63% of Watershed
Not Highly Erodible:	500.1 acres	2.76% of Watershed
Potentially Erodible:	413.3 acres	2.28% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2234.3 acres	12.27% of Watershed
Moderate (10%-20% slope):	192.4 acres	1.06% of Watershed
Severe (more than 20% slope):	83.1 acres	0.46% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	93.1 acres	0.51% of Watershed
Outside Riparian Corridor:	2416.8 acres	13.27% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	1686.5 acres	9.26% of Watershed
No Aquifer:	823.4 acres	4.52% of Watershed

ROADWAY MILES
Interstate Highways and Ramps:
U.S. Highways:
State Routes:
County Roads:

1 Miles

0.5

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Butler, Warren

Townships: Franklin, Lemon, Madison Cities: Franklin, Middletown, Trenton Villages:



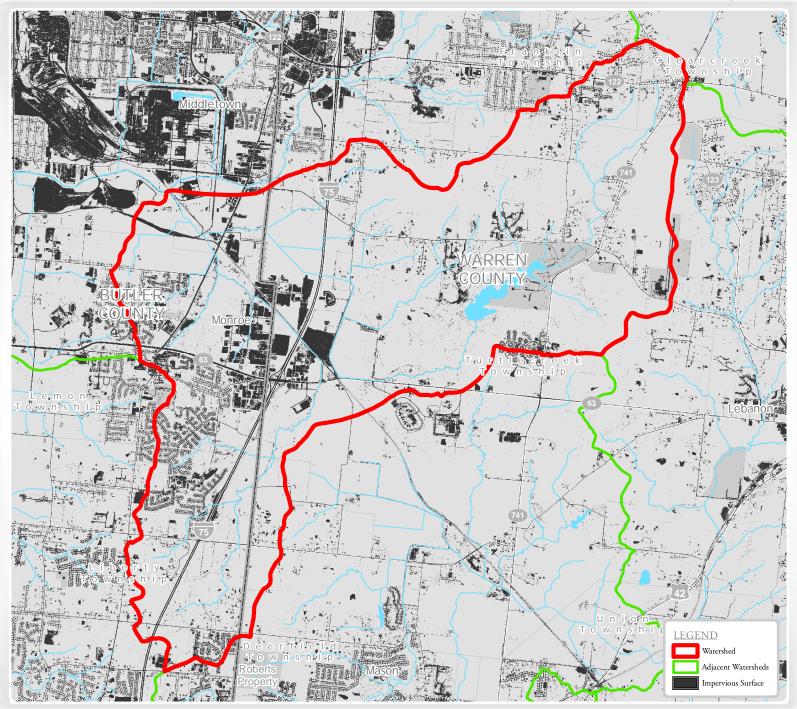
0.5 miles 0 miles 13.5 miles 14.2 miles



SHAKER CREEK Watershed

HUC 12: 050800020703

12.1% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	198.4 acres	1.45% of Watershed
Not Highly Erodible:	557.6 acres	4.06% of Watershed
Potentially Erodible:	663.9 acres	4.84% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1464.8 acres	10.67% of Watershed
Moderate (10%-20% slope):	144.2 acres	1.05% of Watershed
Severe (more than 20% slope):	50.3 acres	0.37% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>ES</u>	
In Riparian Corridor:	97.1 acres	0.71% of Watershed
Outside Riparian Corridor:	1561.7 acres	11.38% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	472.5 acres	3.44% of Watershed
No Aquifer:	1186.7 acres	8.65% of Watershed

0 0.5 1 Miles	Ø	BUTLER
<u>ROADWAY MILES</u> Interstate Highways and Ramps:	14.7 miles	BOTEL
U.S. Highways:	0 miles	HAMILTON
State Routes:	9.4 miles	m
County Roads:	18.2 miles	1

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Butler, Warren

Townships: Clearcreek, Deerfield, Franklin, Lemon, Liberty, Turtlecreek Cities: Middletown, Monroe Villages:

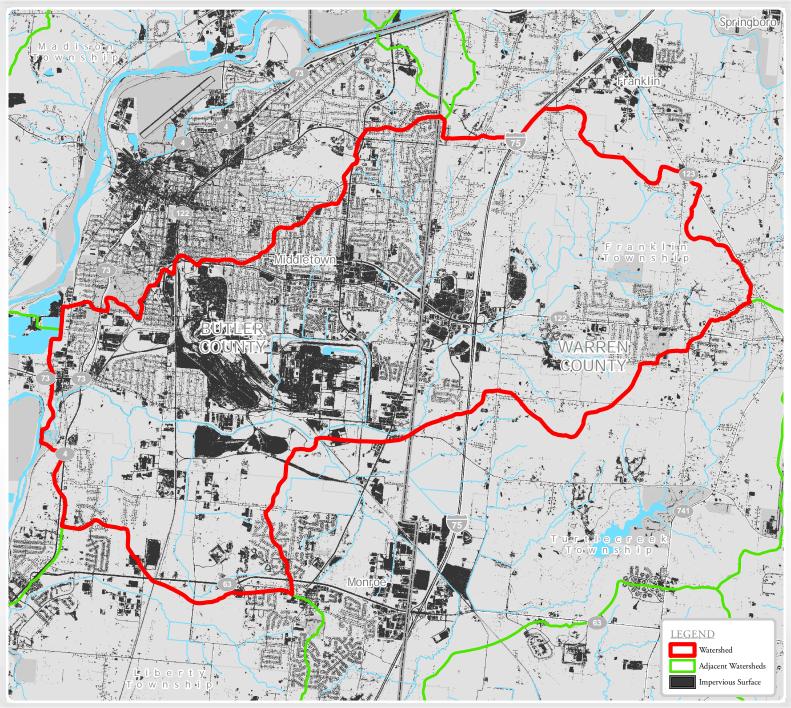


ARREN

DICKS CREEK Watershed

HUC 12: 050800020704

23.3% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	340.3 acres	1.92% of Watershed
Not Highly Erodible:	1226 acres	6.91% of Watershed
Potentially Erodible:	574.7 acres	3.24% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	3709.5 acres	20.92% of Watershed
Moderate (10%-20% slope):	278.2 acres	1.57% of Watershed
Severe (more than 20% slope):	140.8 acres	0.79% of Watershed
RIPARIAN CORRIDOR ACREAG	<u>ES</u>	
In Riparian Corridor:	124.9 acres	0.7% of Watershed
Outside Riparian Corridor:	4003.5 acres	22.58% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	2256 acres	12.72% of Watershed
No Aquifer:	1872.6 acres	10.56% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	11 miles
U.S. Highways:	0 miles
State Routes:	11.4 miles
County Roads:	34 mile

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler, Warren

Townships: Franklin, Lemon, Turtlecreek Cities: Franklin, Middletown, Monroe Villages:

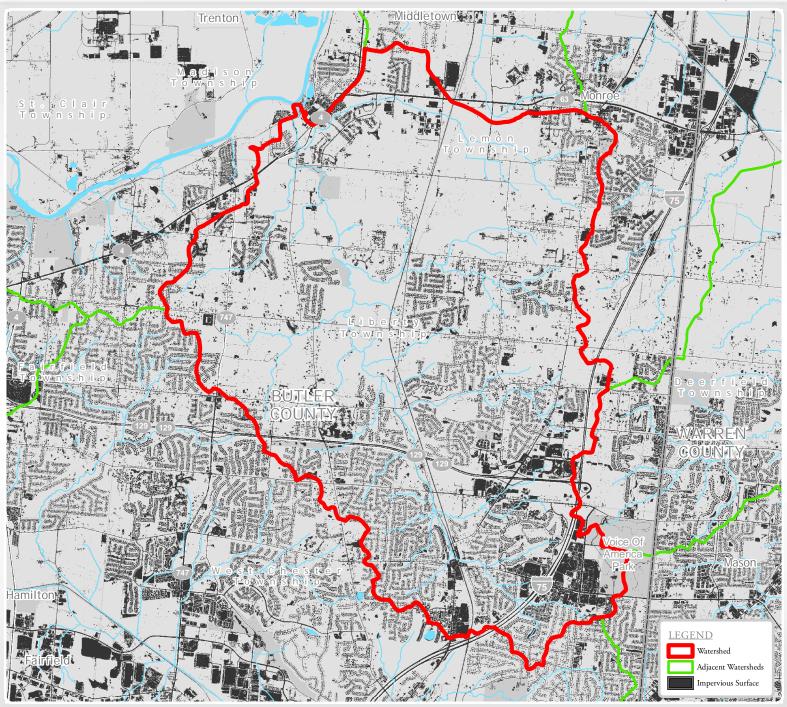




GREGORY CREEK Watershed

HUC 12: 050800020705

17.4% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	161.7 acres	0.85% of Watershed
Not Highly Erodible:	501.5 acres	2.64% of Watershed
Potentially Erodible:	2550.4 acres	13.42% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2889.7 acres	15.21% of Watershed
Moderate (10%-20% slope):	323.9 acres	1.7% of Watershed
Severe (more than 20% slope):	98.9 acres	0.52% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	127.3 acres	0.67% of Watershed
Outside Riparian Corridor:	3185.3 acres	16.77% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	365.8 acres	1.93% of Watershed
No Aquifer:	2946.6 acres	15.51% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	11.1 miles
U.S. Highways:	0 miles
State Routes:	12.6 miles
County Roads:	27.4 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler

Townships: Lemon, Liberty, Madison, West Chester Cities: Monroe Villages:

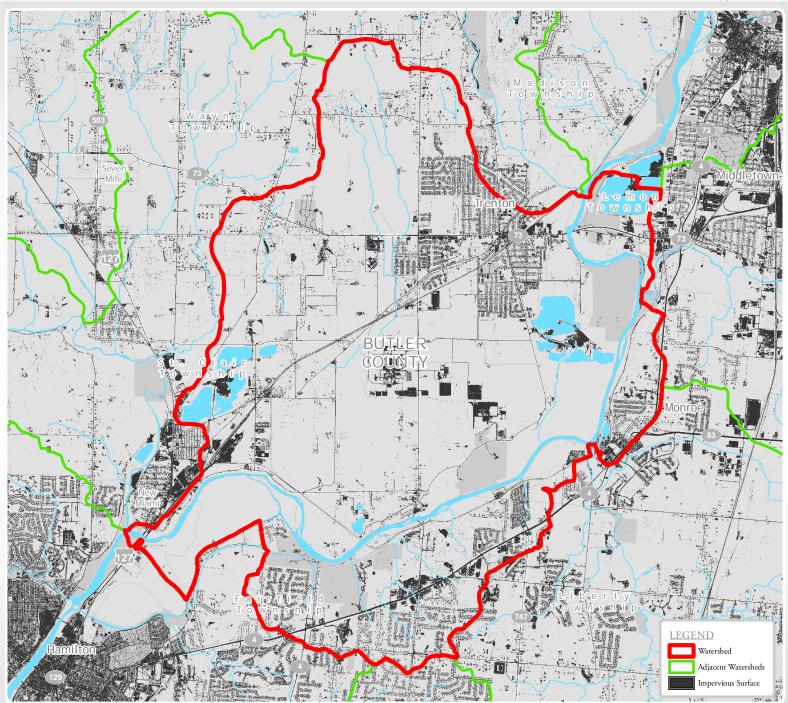




TOWN OF NEW MIAMI-GREAT MIAMI RIVER Watershed

HUC 12: 050800020706

10.8% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	69.9 acres	0.36% of Watershed
Not Highly Erodible:	784 acres	3.99% of Watershed
Potentially Erodible:	766.5 acres	3.9% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1876.3 acres	9.56% of Watershed
Moderate (10%-20% slope):	174.1 acres	0.89% of Watershed
Severe (more than 20% slope):	62.5 acres	0.32% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	50.9 acres	0.26% of Watershed
Outside Riparian Corridor:	2062 acres	10.5% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	1178.1 acres	6% of Watershed
No Aquifer:	934.7 acres	4.76% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0.5 miles
U.S. Highways:	0.4 miles
State Routes:	10.8 miles
County Roads:	27.8 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler

Townships: Fairfield, Lemon, Liberty, Madison, St. Clair, Wayne Cities: Hamilton, Monroe, Trenton Villages: New Miami

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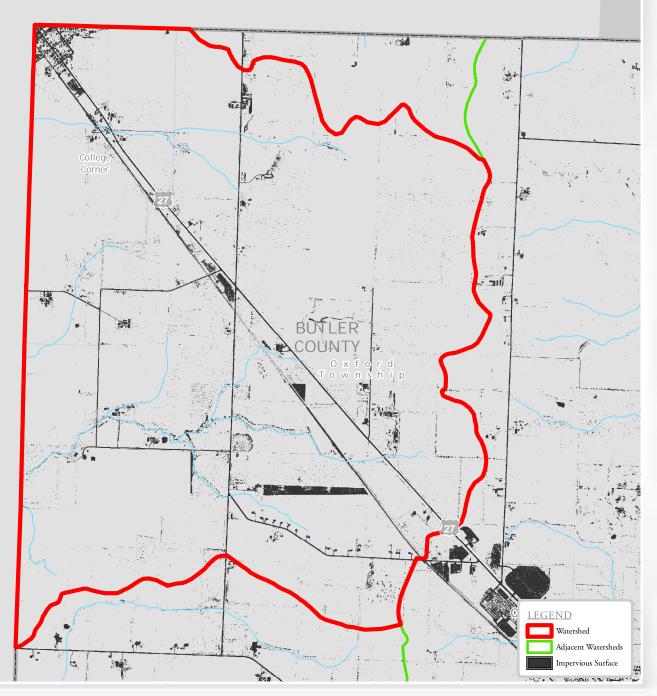
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BRANDYWINE CREEK-INDIAN CREEK Watershed

HUC 12: 050800020802

3.9% Impervious



ERODIBLE SOIL ACRE	AGES
Highly Erodible:	1.3 ac
Not Highly Erodible:	105.1 ac
Potentially Erodible:	27.8 ac
SLOPE CLASS ACREAG	<u>ES</u>
Slight (0%-10% slope	e): 121.8 ac
Moderate (10%-20%	slope): 14.6 ac
Severe (more than 200	% slope): 5.7 ac
RIPARIAN CORRIDOR	ACREAGES
In Riparian Corridor:	13 ac
Outside Riparian Cor	ridor: 129 ac
AQUIFER AREA ACREA	AGES
Above Aquifer:	0 ac
No Aquifer:	142.1 ac

3 acres	0.03% of Watershed
l acres	2.92% of Watershed
8 acres	0.77% of Watershed
8 acres	3.38% of Watershed
6 acres	0.4% of Watershed
7 acres	0.16% of Watershed
3 acres	0.36% of Watershed
) acres	3.58% of Watershed
) acres	0% of Watershed
l acres	3.95% of Watershed
i ucres	Stypto of Watershed

<u>ROADWAY MILES</u> Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	0 miles
County Roads:	0 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler Townships: Oxford

0.5

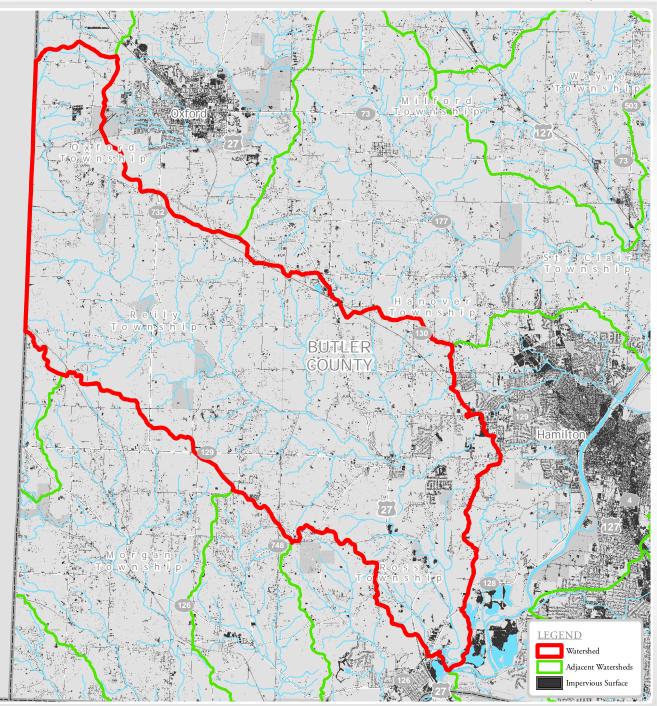
Cities: Villages: College Corner BUTLER WARREN HAMILTON



BEALS RUN-INDIAN CREEK Watershed

HUC 12: 050800020803

5.1% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	217.6 acres	0.52% of Watershed
Not Highly Erodible:	481 acres	1.14% of Watershed
Potentially Erodible:	1307.8 acres	3.11% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1722.6 acres	4.1% of Watershed
Moderate (10%-20% slope):	289.3 acres	0.69% of Watershed
Severe (more than 20% slope):	134.3 acres	0.32% of Watershed
RIPARIAN CORRIDOR ACREAG	ES	
In Riparian Corridor:	135.9 acres	0.32% of Watershed
Outside Riparian Corridor:	2010.2 acres	4.78% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	386.7 acres	0.92% of Watershed
No Aquifer:	1759.5 acres	4.19% of Watershed

	0	
0 miles		
9.6 miles		
18 miles		
55.1 miles		
TERSHED		
	18 miles 55.1 miles	9.6 miles 18 miles 55.1 miles

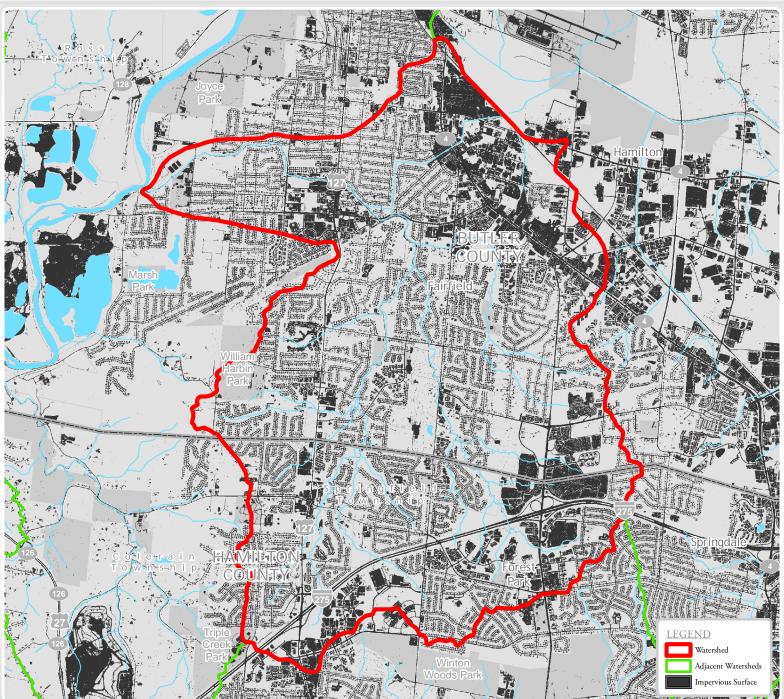
Townships: Fairfield, Hanover, Morgan, Oxford, Reily, Ross Cities: Hamilton Villages: Millville





PLEASANT RUN Watershed

HUC 12: 050800020901



ERODIBLE SOIL ACREAGES		
Highly Erodible:	242.3 acres	2.51% of Watershed
Not Highly Erodible:	592.9 acres	6.14% of Watershed
Potentially Erodible:	1492.2 acres	15.44% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2824.9 acres	29.24% of Watershed
Moderate (10%-20% slope):	254.3 acres	2.63% of Watershed
Severe (more than 20% slope):	70 acres	0.72% of Watershed
RIPARIAN CORRIDOR ACREAG	<u>ES</u>	
In Riparian Corridor:	140.3 acres	1.45% of Watershed
Outside Riparian Corridor:	3008.5 acres	31.14% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	1085.1 acres	11.23% of Watershed
No Aquifer:	2064 acres	21.36% of Watershed

<u>ROADWAY MILES</u> Interstate Highways and Ramps:	11.8 miles
U.S. Highways:	4.9 miles
State Routes:	2.9 miles
County Roads:	16.8 miles

1 Miles

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Butler, Hamilton

Townships: Colerain, Springfield

0.5

Cities: Fairfield, Forest Park, Hamilton, Springdale Villages:

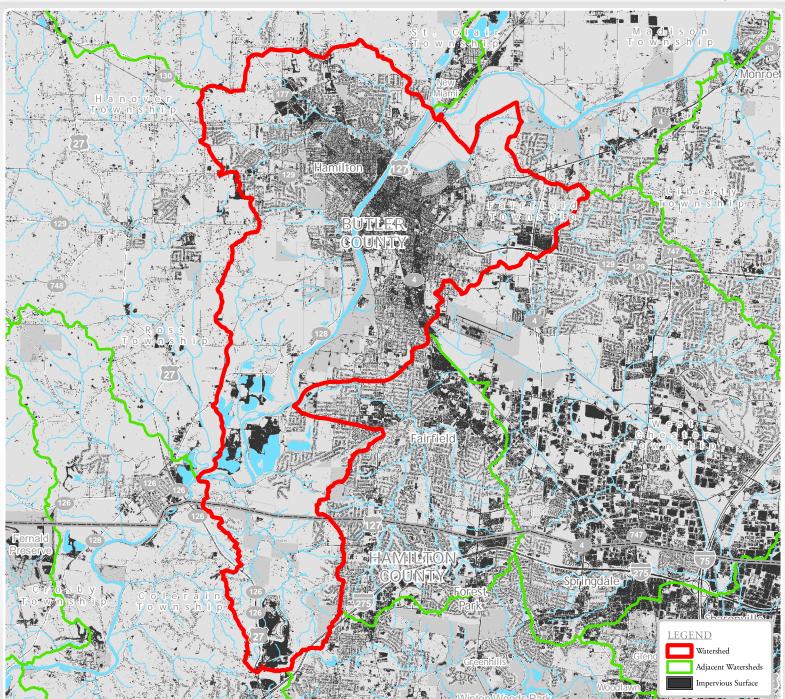




BANKLICK CREEK-GREAT MIAMI RIVER Watershed

HUC 12: 050800020902

22.1% Impervious



Highly Erodible:	590.3 acres	2.09% of Watershed
Not Highly Erodible:	1884.3 acres	6.68% of Watershed
Potentially Erodible:	1288.2 acres	4.57% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	5223.1 acres	18.51% of Watershed
Moderate (10%-20% slope):	620.2 acres	2.2% of Watershed
Severe (more than 20% slope):	380.9 acres	1.35% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	204.8 acres	0.73% of Watershed
Outside Riparian Corridor:	6019.2 acres	21.34% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	3751.7 acres	13.3% of Watershed
No Aquifer:	2472.5 acres	8.76% of Watershed
1	24/2.7 acres	0.7070 Of watershed

ROADWAY MILES		BUI
Interstate Highways and Ramps:	2.3 miles	
U.S. Highways:	9.7 miles	HAN
State Routes:	25.3 miles	m n
County Roads:	33.4 miles	

POLITICAL JURISDICTIONS IN WATERSHED

0.5 1 Miles

0

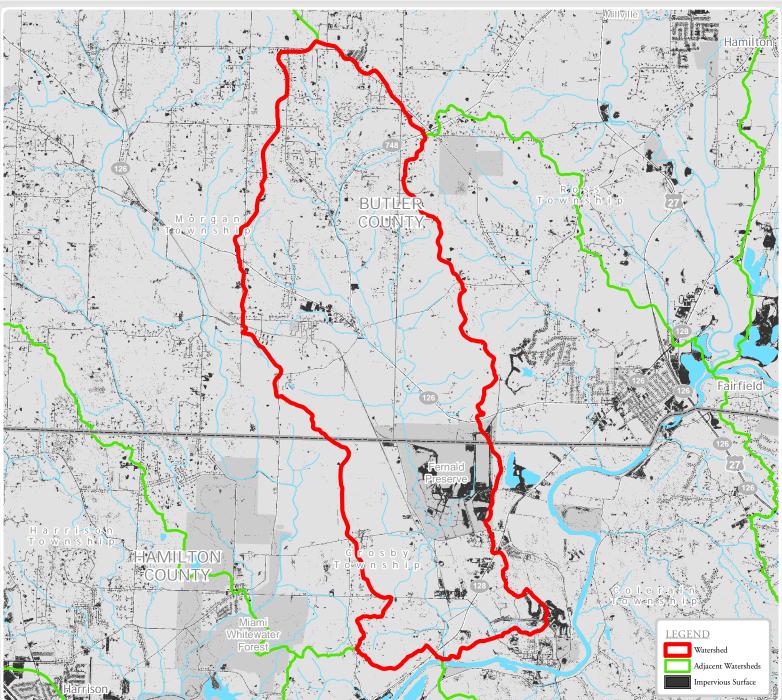
Counties: Butler, Hamilton Townships: Colerain, Fairfield, Hanover, Ross, St. Clair Cities: Fairfield,Hamilton Villages: New Miami





PADDYS RUN Watershed

HUC 12: 050800020903



ERODIBLE SOIL	ACDEACES	
ERODIDLE SOIL A	ACREAGES	

Highly Erodible:	98.1 acres	0.94% of Watershed
Not Highly Erodible:	332.8 acres	3.19% of Watershed
Potentially Erodible:	270.7 acres	2.59% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	570.9 acres	5.47% of Watershed
Moderate (10%-20% slope):	104.1 acres	1% of Watershed
Severe (more than 20% slope):	41.8 acres	0.4% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
<u>RIPARIAN CORRIDOR ACREAGE</u> In Riparian Corridor:	<u>s</u> 59.6 acres	0.57% of Watershed
		0.57% of Watershed 6.3% of Watershed
In Riparian Corridor: Outside Riparian Corridor:	59.6 acres	
In Riparian Corridor:	59.6 acres	
In Riparian Corridor: Outside Riparian Corridor: AQUIFER AREA ACREAGES	59.6 acres 657.1 acres	6.3% of Watershed

f Watershed <u>ROADWAY MILES</u> f Watershed Interstate Highways and Ramps:	0 m
U.S. Highways:	0 m
f Watershed State Routes:	8.6 m 2.1 m
POLITICAL JURISDICTIONS IN WATERS	<u>Shed</u>
f Watershed Counties: Butler, Hamilton	
f Watershed Townships: Crosby, Morgan, Ross	

0.5

0

Townships: Crosby, Morgan, Ross Cities: Villages:

1 Miles



0 miles

0 miles

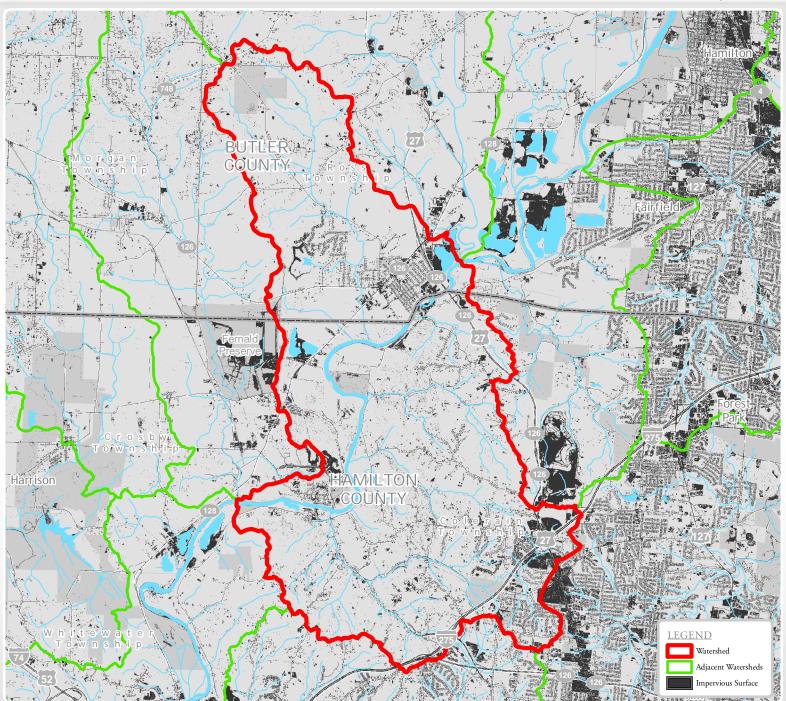
8.6 miles

12.1 miles



DRY RUN-GREAT MIAMI RIVER Watershed

HUC 12: 050800020904



ERODIBLE SOIL ACREAGES

Highly Erodible:	645.9 acres	3.5% of Watershed
Not Highly Erodible:	258.7 acres	1.4% of Watershed
Potentially Erodible:	621.2 acres	3.36% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1332.2 acres	7.22% of Watershed
Moderate (10%-20% slope):	273.4 acres	1.48% of Watershed
Severe (more than 20% slope):	177.7 acres	0.96% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	124.8 acres	0.68% of Watershed
Outside Riparian Corridor:	1658.4 acres	8.98% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	598.5 acres	3.24% of Watershed
No Aquifer:	1184.9 acres	6.42% of Watershed

ROADWAY MILES
Interstate Highways and Ramps:
U.S. Highways:
State Routes:
County Roads:

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Butler, Hamilton Townships: Colerain, Crosby, Fairfield, Ross Cities: Fairfield Villages:



11.6 miles

7.1 miles

12.4 miles

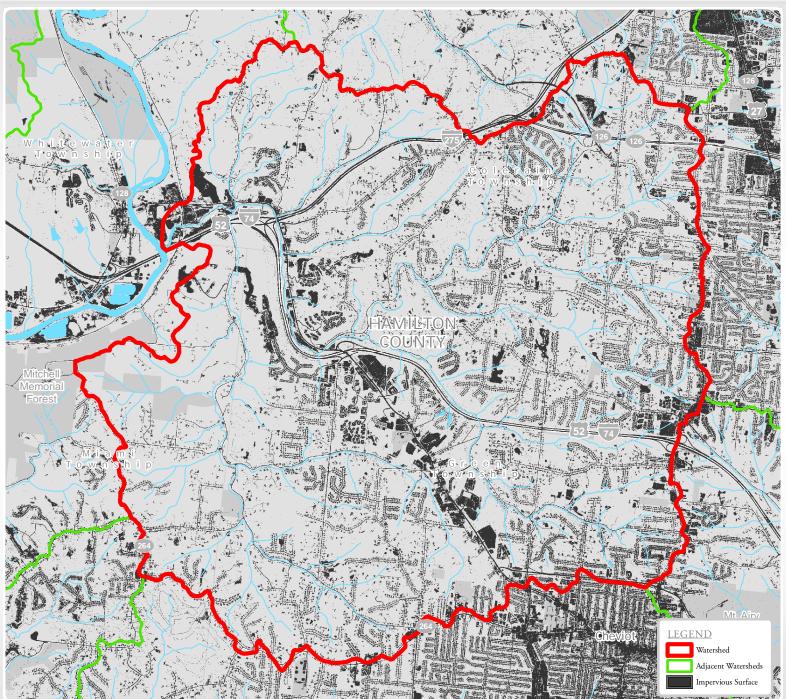
47.5 miles



TAYLOR CREEK Watershed

HUC 12: 050800020905

16.5% Impervious



ERODIBLE SOIL ACREAGES

1792.6 acres	10.51% of Watershed				
104.1 acres	0.61% of Watershed				
903.7 acres	5.3% of Watershed				
1914.5 acres	11.22% of Watershed				
616.6 acres	3.61% of Watershed				
282.5 acres	1.66% of Watershed				
RIPARIAN CORRIDOR ACREAGES					
227.2 acres	1.33% of Watershed				
2586.4 acres	15.16% of Watershed				
41.3 acres	0.24% of Watershed				
2772.3 acres	16.25% of Watershed				
	104.1 acres 903.7 acres 1914.5 acres 616.6 acres 282.5 acres 227.2 acres 2586.4 acres 41.3 acres				

<u>ROADWAY MILES</u> Interstate Highways and Ramps:	22.5 miles
U.S. Highways:	0 miles
State Routes:	5.6 miles
County Roads:	72.8 miles

1 Miles

0.5

.

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Hamilton Townships: Colerain, Green, Miami Cities: Cheviot Villages:

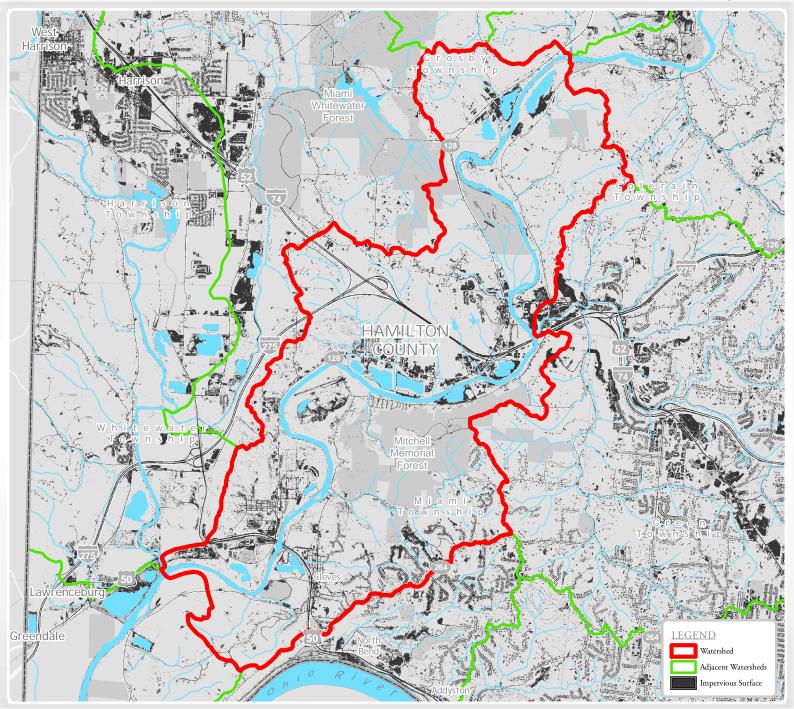




JORDAN CREEK-GREAT MIAMI RIVER Watershed

HUC 12: 050800020906

10.2% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	519.8 acres	3.57% of Watershed
Not Highly Erodible:	357.6 acres	2.46% of Watershed
Potentially Erodible:	271.3 acres	1.86% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1083.5 acres	7.45% of Watershed
Moderate (10%-20% slope):	230.6 acres	1.58% of Watershed
Severe (more than 20% slope):	175.8 acres	1.21% of Watershed
RIPARIAN CORRIDOR ACREAG	ES	
In Riparian Corridor:	86.8 acres	0.6% of Watershed
Outside Riparian Corridor:	1403.2 acres	9.64% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	786.4 acres	5.4% of Watershed
No Aquifer:	703.7 acres	4.84% of Watershed
-		

271.3 acres	1.86% of Watershed
1083.5 acres 230.6 acres 175.8 acres	7.45% of Watershed 1.58% of Watershed 1.21% of Watershed
5	
86.8 acres	0.6% of Watershed
1403.2 acres	9.64% of Watershed
786.4 acres	5.4% of Watershed
703.7 acres	4.84% of Watershed

<u>ROADWAY MILES</u> Interstate Highways and Ramps:	14.1 miles
U.S. Highways:	2.4 miles
State Routes:	11.4 miles
County Roads:	31.7 miles
POLITICAL JURISDICTIONS IN WAT	<u>ershed</u>

1 Miles

0.5

Counties: Hamilton Townships: Colerain, Crosby, Miami, Whitewater Cities: Villages: Cleves, North Bend

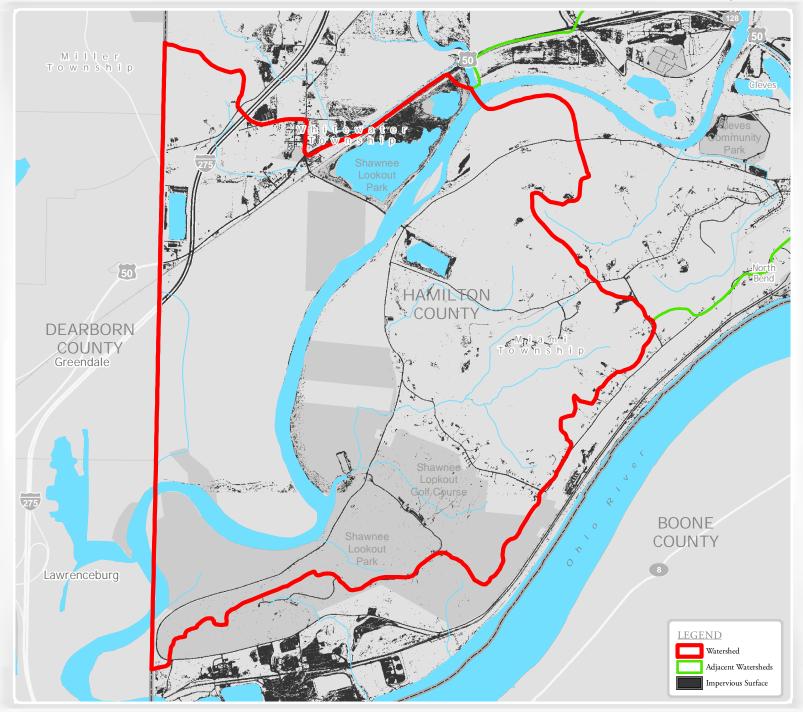




DOUBLELICK RUN-GREAT MIAMI RIVER Watershed

HUC 12: 050800020907

4.5% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	37.8 acres	0.89% of Watershed
Not Highly Erodible:	106.7 acres	2.51% of Watershed
Potentially Erodible:	31.4 acres	0.74% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	142.1 acres	3.33% of Watershed
Moderate (10%-20% slope):	24.2 acres	0.57% of Watershed
Severe (more than 20% slope):	25.6 acres	0.6% of Watershed
RIPARIAN CORRIDOR ACREAGES	5	
In Riparian Corridor:	9.1 acres	0.21% of Watershed
Outside Riparian Corridor:	182.8 acres	4.29% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	147.2 acres	3.45% of Watershed
No Aquifer:	44.7 acres	1.05% of Watershed

0 0	.5	1 1	Miles			
	1	J		w l	BUTLER	
ROADWAY MILES					DUTEER	WARRI
Interstate Highw	ays and Ramps:		3.9 miles			
U.S. Highways:			0 miles	- 1	HAMILTON	
State Routes:			0 miles	- 1		LNO
County Roads:			7.8 miles			SLERMONT
POLITICAL JURIS	DICTIONS IN W	AΤ	<u>'ERSHED</u>			25

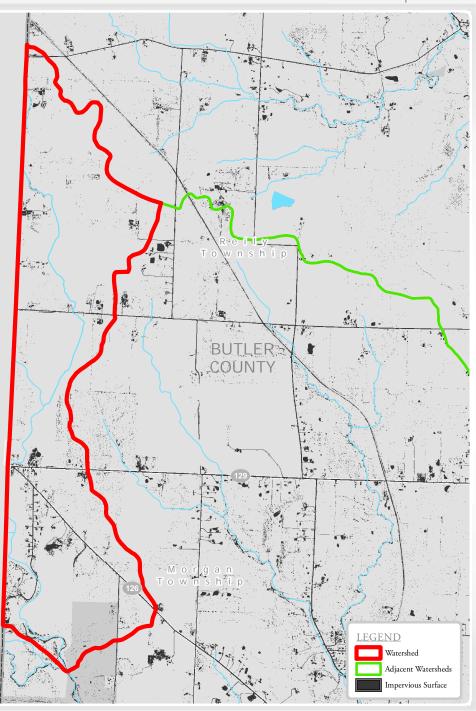
Counties: Hamilton Townships: Lawrenceburg, Miami, Miller, Whitewater Cities: Greendale Villages:



HEADWATERS DRY FORK WHITEWATER RIVER Watershed

HUC 12: 050800030807

4% Impervious



ERODIBLE SOIL ACREAGES	
Highly Erodible:	5.
Not Highly Erodible:	13.
Potentially Erodible:	37.
SLOPE CLASS ACREAGES	
Slight (0%-10% slope):	42.
Moderate (10%-20% slope):	9.
Severe (more than 20% slope):	5.
RIPARIAN CORRIDOR ACREAG	ES
In Riparian Corridor:	4.
Outside Riparian Corridor:	53.
AQUIFER AREA ACREAGES	
Above Aquifer:	9.
No Aquifer:	4
-	

.7 acres	0.39% of Watershed
.2 acres	0.91% of Watershed
.1 acres	2.54% of Watershed
.1 acres	2.89% of Watershed
.9 acres	0.68% of Watershed
.8 acres	0.4% of Watershed
.7 acres	0.32% of Watershed
.1 acres	3.65% of Watershed
.8 acres	0.67% of Watershed
i8 acres	3.3% of Watershed

<u>ROADWAY MILES</u> Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	1.9 miles
County Roads:	2.8 miles
POLITICAL JURISDICTIONS IN WATH	<u>ERSHED</u>

1 Miles

Counties: Butler Townships: Morgan, Reily Cities: Villages:

0.5

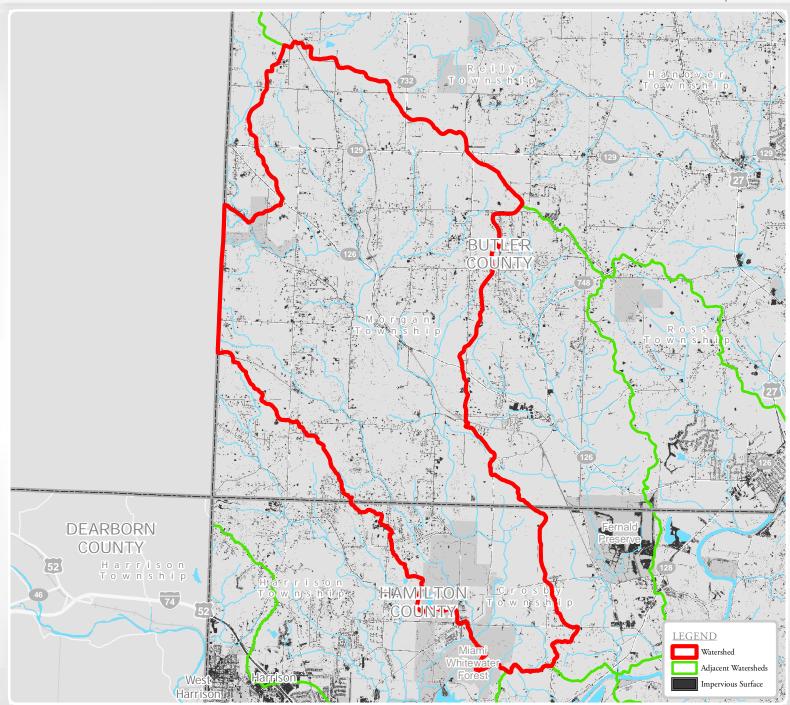
BUTLER WARREN HAMILTON



HOWARD CREEK-DRY FORK WHITEWATER RIVER Watershed

HUC 12: 050800030808

4.6% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	142.4 acres	0.68% of Watershed
Not Highly Erodible:	210.1 acres	1.01% of Watershed
Potentially Erodible:	595.6 acres	2.85% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	711.3 acres	3.41% of Watershed
Moderate (10%-20% slope):	158.9 acres	0.76% of Watershed
Severe (more than 20% slope):	89.1 acres	0.43% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	92.1 acres	0.44% of Watershed
Outside Riparian Corridor:	867.1 acres	4.16% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	219.3 acres	1.05% of Watershed
No Aquifer:	739.9 acres	3.55% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	8.7 miles
County Roads:	33.8 miles
POLITICAL HURISDICTIONS IN WA	TEDCHED

0.5

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler, Hamilton

Townships: Crosby, Harrison, Morgan, Reily Cities: Villages:

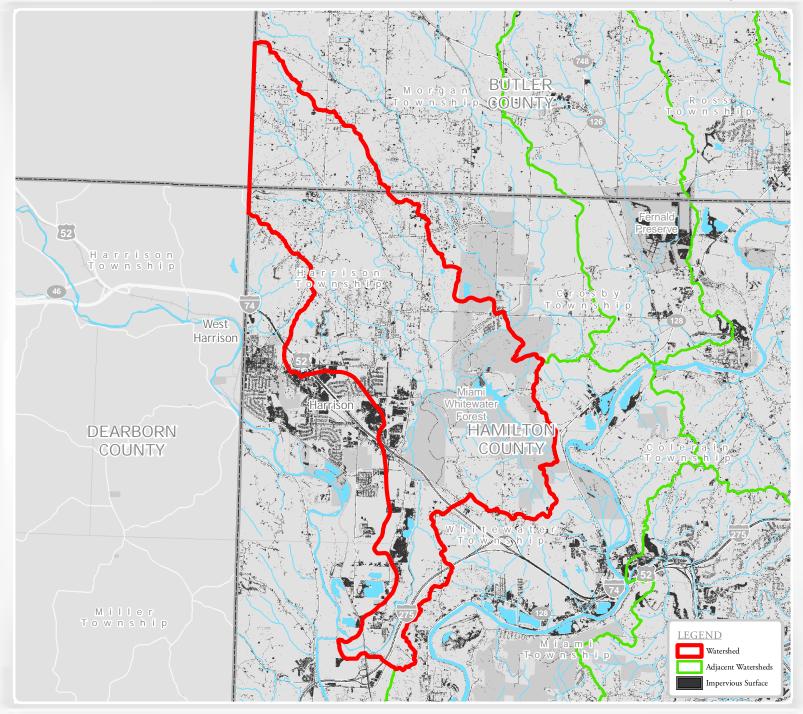




LEE CREEK-DRY FORK WHITEWATER RIVER Watershed

HUC 12: 050800030809

8.2% Impervious



0.5

0

1 Miles

ERODIBLE SOIL ACREAGES Highly Erodible:

Highly Erodible:	244.6 acres	1.77% of Watershed
Not Highly Erodible:	519.4 acres	3.75% of Watershed
Potentially Erodible:	340.8 acres	2.46% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	892.8 acres	6.45% of Watershed
Moderate (10%-20% slope):	151.3 acres	1.09% of Watershed
Severe (more than 20% slope):	97.4 acres	0.7% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>es</u>	
In Riparian Corridor:	58.2 acres	0.42% of Watershed
Outside Riparian Corridor:	1083.2 acres	7.82% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	740.3 acres	5.34% of Watershed
No Aquifer:	401.2 acres	2.9% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	10.7 miles
U.S. Highways:	0 miles
State Routes:	0 miles
County Roads:	38.4 miles
POLITICAL JURISDICTIONS IN WAT	<u>ershed</u>

Counties: Butler, Hamilton

Townships: Crosby, Harrison, Harrison, Morgan, Reily Cities: Harrison Villages:

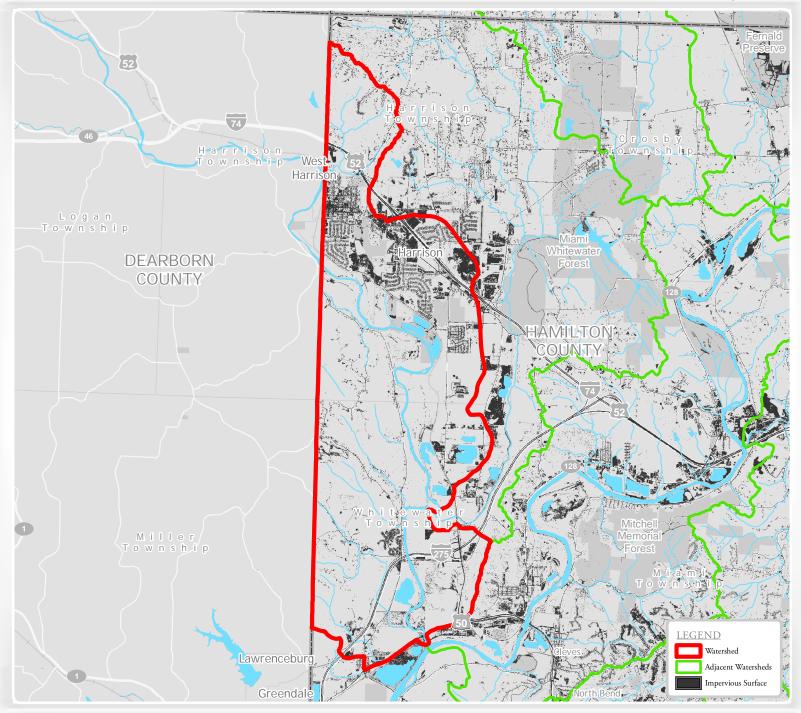




JAMESON CREEK-WHITEWATER RIVER Watershed

HUC 12: 050800030810

11.8% Impervious



ERODIBLE SOIL ACREAGES Highly Erodible:

Not Highly Erodible:	924 acres	8.06% of Watershed
Potentially Erodible:	136.4 acres	1.19% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1141.9 acres	9.96% of Watershed
Moderate (10%-20% slope):	130.3 acres	1.14% of Watershed
Severe (more than 20% slope):	80 acres	0.7% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	43.5 acres	0.38% of Watershed
Outside Riparian Corridor:	1308.6 acres	11.42% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	1107.6 acres	9.66% of Watershed
No Aquifer:	244.5 acres	2.13% of Watershed

191.9 acres

1.67% of Watershed

ROADWAY MILES
Interstate Highways and Ramps:
U.S. Highways:
State Routes:
County Roads:

0.5 1 Miles

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Hamilton

Townships: Harrison, Harrison, Miller, Whitewater Cities: Harrison, West Harrison Villages:

13.7 miles

1.3 miles

30.5 miles

0 miles

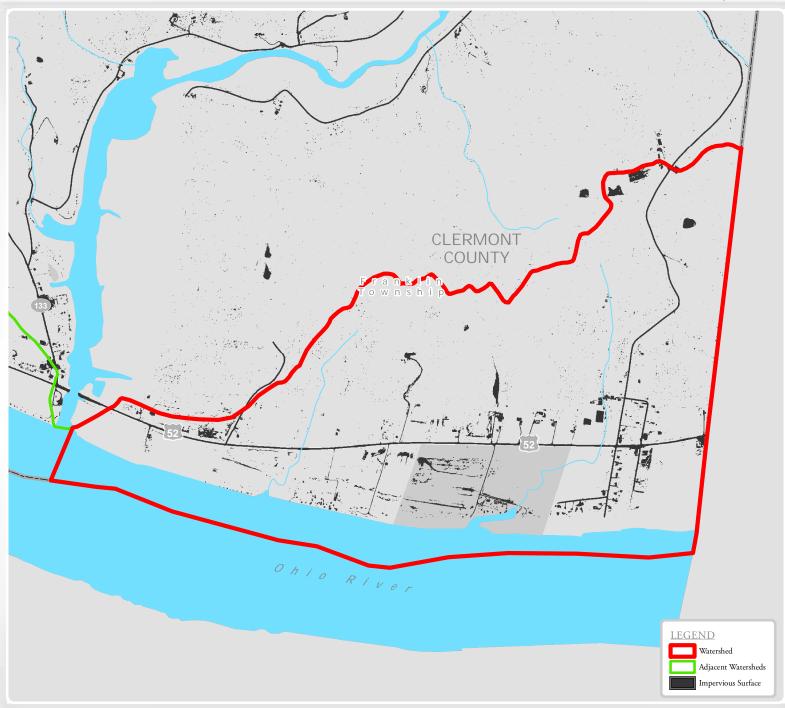




TURTLE CREEK-OHIO RIVER Watershed

HUC 12: 050902011102

4.7% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:6.Not Highly Erodible:23.Potentially Erodible:3.SLOPE CLASS ACREAGES32.Slight (0%-10% slope):32.Moderate (10%-20% slope):3.Severe (more than 20% slope):3.RIPARIAN CORRIDOR ACREAGESIn Riparian Corridor:1.Outside Riparian Corridor:38.AQUIFER AREA ACREAGESAbove Aquifer:39.

6.6 acres 0.78% of Watershed 23.7 acres 2.82% of Watershed 0.47% of Watershed 3.9 acres 32.8 acres 3.9% of Watershed 0.43% of Watershed 3.6 acres 3.4 acres 0.4% of Watershed 0.17% of Watershed 1.4 acres 4.55% of Watershed 38.3 acres 0% of Watershed 0 acres 4.72% of Watershed 39.7 acres

0	0.25	0.5 Miles	
	I		
ROADWA	Y MILES		
Interstate	e Highways an	d Ramps:	0 miles
U.S. Hig	shways:		1.9 miles
State Ro	utes:		0 miles
County 1	Roads:		1 miles

POLITICAL JURISDICTIONS IN WATERSHED

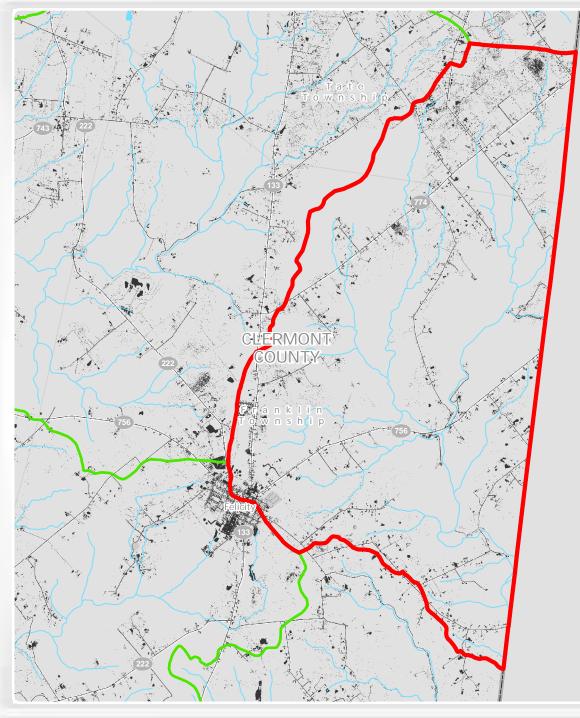
Counties: Clermont Townships: Franklin Cities: Villages: BUTLER WARREN HAMILTON



WEST BRANCH BULLSKIN CREEK Watershed

HUC 12: 050902011103

4% Impervious



ERODIBLE SOIL ACREAGES
Highly Erodible:
Not Highly Erodible:
Potentially Erodible:
SLOPE CLASS ACREAGES

<u>SLOPE CLASS ACKEAGES</u>	
Slight (0%-10% slope):	291.5 acres
Moderate (10%-20% slope):	42.1 acres
Severe (more than 20% slope):	14.4 acres
RIPARIAN CORRIDOR ACREAGE	<u>s</u>
In Riparian Corridor:	26 acres
Outside Riparian Corridor:	321.9 acres
AQUIFER AREA ACREAGES	
Above Aquifer:	0 acres
No Aquifer:	347.9 acres

33.6 acres	0.39% of Watershed
142.9 acres	1.65% of Watershed
155.7 acres	1.8% of Watershed
291.5 acres	3.36% of Watershed
42.1 acres	0.49% of Watershed
14.4 acres	0.17% of Watershed
<u>.</u>	
26 acres	0.3% of Watershed
321.9 acres	3.71% of Watershed
0 acres	0% of Watershed
347.9 acres	4.01% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	8.7 miles
County Roads:	9.7 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Clermont Townships: Franklin, Tate Cities: Villages: Felicity

0.5

BUTLER WARI

<u>LEGEND</u>

Watershed Adjacent Watersheds

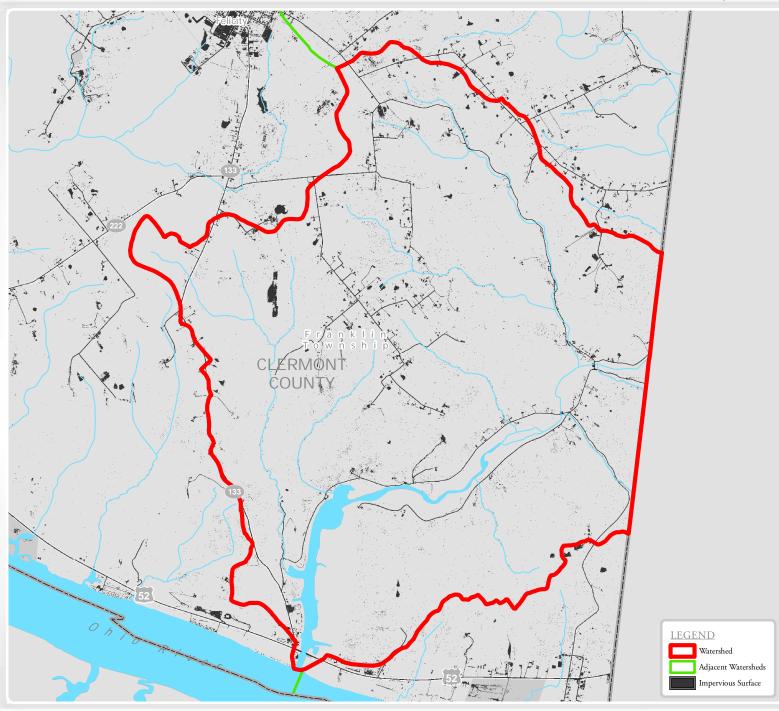




BULLSKIN CREEK Watershed

HUC 12: 050902011104

2.9% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	47.1 acres	0.89
Not Highly Erodible:	24.3 acres	0.46
Potentially Erodible:	79.9 acres	1.51
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	104.1 acres	1.97
Moderate (10%-20% slope):	32 acres	0.61
Severe (more than 20% slope):	17.9 acres	0.34
RIPARIAN CORRIDOR ACREAGES	5	
In Riparian Corridor:	17.2 acres	0.339
Outside Riparian Corridor:	136.8 acres	2.599
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	00
No Aquifer:	153.9 acres	2.91
-		

cres	0.89% of Watershed	
cres	0.46% of Watershed	
cres	1.51% of Watershed	
cres	1.97% of Watershed	
cres	0.61% of Watershed	
cres	0.34% of Watershed	
cres	0.33% of Watershed	
cres	2.59% of Watershed	
cres	0% of Watershed	
cres	2.91% of Watershed	

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0.2 miles
State Routes:	2.5 miles
County Roads:	9.7 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Clermont Townships: Franklin Cities: Villages:

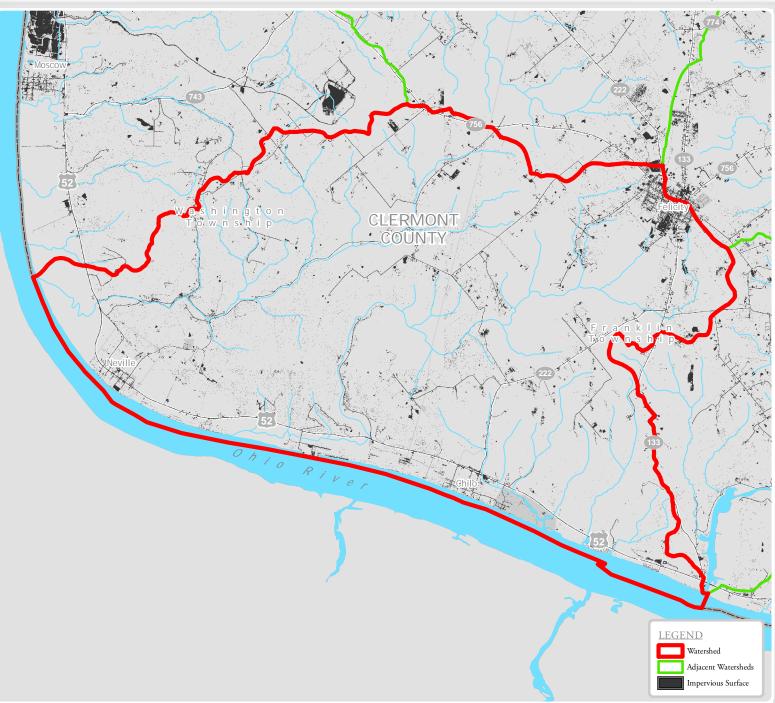
$\widehat{\mathbf{A}}$		
	BUTLER	WARRE
	HAMILTON	CLERMONT



BEAR CREEK-OHIO RIVER Watershed

HUC 12: 050902011106

3.5% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	113.3 acres	0.7
Not Highly Erodible:	158.5 acres	1.0
Potentially Erodible:	202.1 acres	1
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	400.7 acres	2.5
Moderate (10%-20% slope):	83.2 acres	0.5
Severe (more than 20% slope):	59.5 acres	0.3
RIPARIAN CORRIDOR ACREAGE	<u>.S</u>	
In Riparian Corridor:	63.3 acres	0.4
Outside Riparian Corridor:	480.2 acres	3.0
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	
No Aquifer:	543.6 acres	3.

cres	0.73% of Watershed
cres	1.02% of Watershed
cres	1.3% of Watershed
cres	2.58% of Watershed
cres	0.54% of Watershed
cres	0.38% of Watershed
icres	0.41% of Watershed
acres	3.09% of Watershed
cres	0% of Watershed
cres	3.5% of Watershed
	o.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

0 0.5	1 Miles	
<u>ROADWAY MI</u> Interstate Hig	<u>LES</u> hways and Ramps:	0 miles
U.S. Highway	/S:	8.4 miles
State Routes:		6.4 miles
County Road	s:	13.5 miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont Townships: Franklin, Washington Cities: Villages: Chilo, Felicity, Nelville

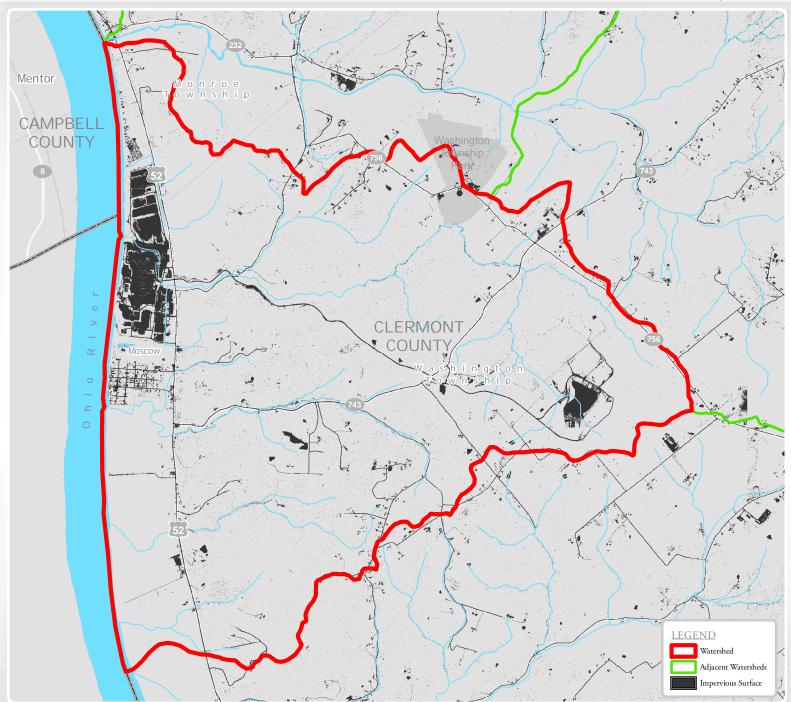
BUTLER WARREN HAMILTON



LITTLE INDIAN CREEK-OHIO RIVER Watershed

HUC 12: 050902011107

6% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	77.6 acres	1.06% of Watershed
Not Highly Erodible:	219.7 acres	3% of Watershed
Potentially Erodible:	107.8 acres	1.47% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	339.3 acres	4.63% of Watershed
Moderate (10%-20% slope):	62.5 acres	0.85% of Watershed
Severe (more than 20% slope):	41.6 acres	0.57% of Watershed
RIPARIAN CORRIDOR ACREAGES	2	
In Riparian Corridor:	52.6 acres	0.72% of Watershed
Outside Riparian Corridor:	390.8 acres	5.33% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	443.5 acres	6.05% of Watershed

0	0.0	1 IVIIIC3	>	
ROADW	AY MILES			
Interstat	e Highways	and Ramp	os:	0 miles
U.S. Hi	ghways:			4.6 miles
State Ro	outes:			6.3 miles
County	Roads:			3.3 miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont

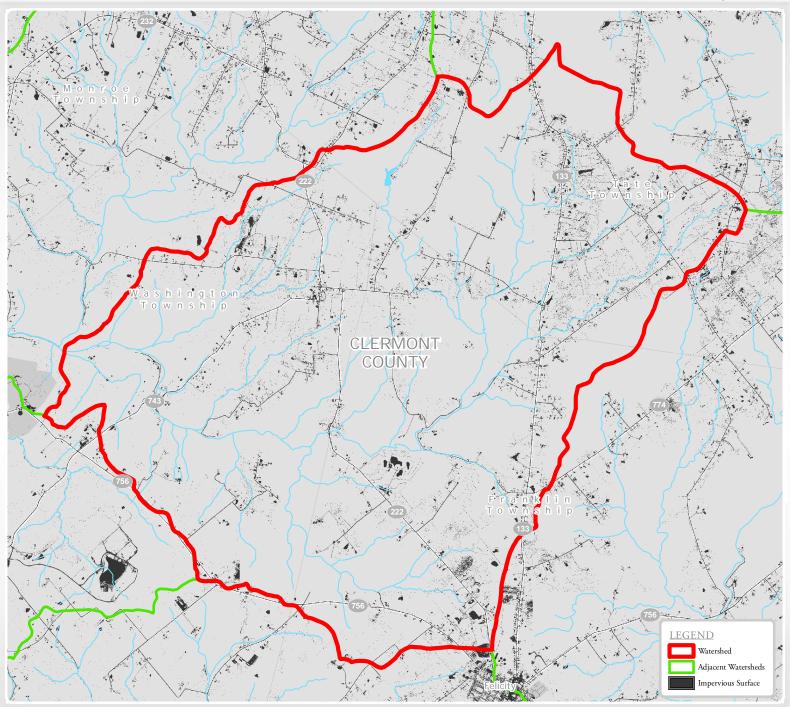
Townships: Monroe, Washington Cities: Mentor Villages: Moscow BUTLER WARREN HAMILTON LNOWNEL



HEADWATERS BIG INDIAN CREEK Watershed

HUC 12: 050902011201

3.6% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	60.7 acres	0.44% of Watershed
Not Highly Erodible:	173.6 acres	1.26% of Watershed
Potentially Erodible:	261.2 acres	1.9% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	413.5 acres	3% of Watershed
Moderate (10%-20% slope):	63.3 acres	0.46% of Watershed
Severe (more than 20% slope):	25 acres	0.18% of Watershed
RIPARIAN CORRIDOR ACREAGES	5	
In Riparian Corridor:	52.4 acres	0.38% of Watershed
Outside Riparian Corridor:	449.5 acres	3.26% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	501.8 acres	3.64% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	15.5 miles
County Roads:	14.4 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont Townships: Franklin, Tate, Washington Cities: Villages:

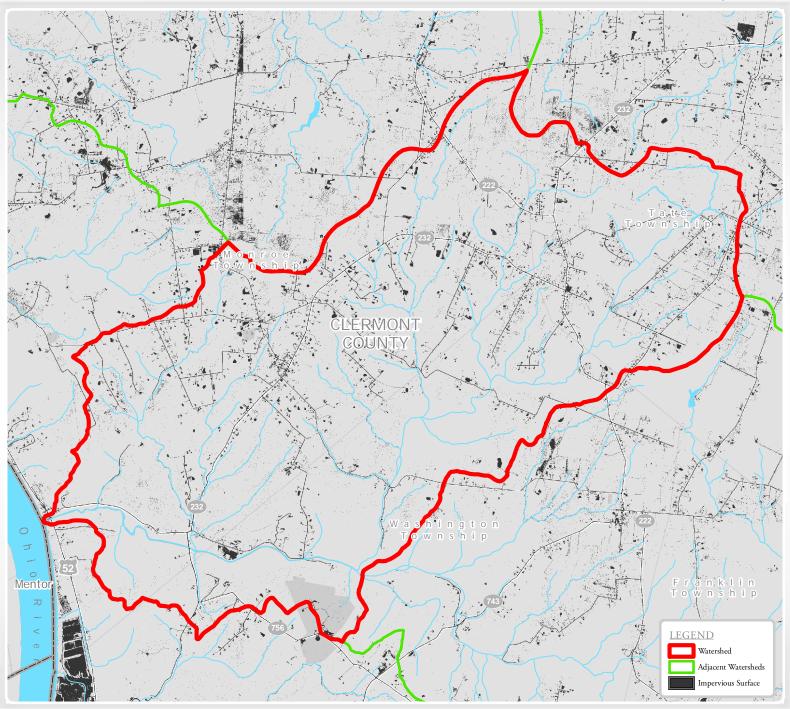
0.5



NORTH FORK INDIAN CREEK-BIG INDIAN CREEK Watershed

HUC 12: 050902011202

4.1% Impervious



ERODIBLE SOIL ACREAGES	
Highly Erodible:	98.7 acres
Not Highly Erodible:	122.9 acres
Potentially Erodible:	249.9 acres
SLOPE CLASS ACREAGES	
Slight (0%-10% slope):	370.4 acres
Moderate (10%-20% slope):	73.3 acres
Severe (more than 20% slope):	34.1 acres
RIPARIAN CORRIDOR ACREAGE	<u>.S</u>
In Riparian Corridor:	41.1 acres
Outside Riparian Corridor:	436.7 acres
AQUIFER AREA ACREAGES	
Above Aquifer:	0 acres
No Aquifer:	477.8 acres

acres	0.84% of Watershed
acres	1.04% of Watershed
acres	2.12% of Watershed
acres	3.14% of Watershed
acres	0.62% of Watershed
acres	0.29% of Watershed
	0.050/ (111
acres	0.35% of Watershed
acres	3.7% of Watershed
	0% of Watershed
acres	
acres	4.05% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0.1 miles
State Routes:	12.1 miles
County Roads:	8.8 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont Townships: Monroe, Tate, Washington Cities:

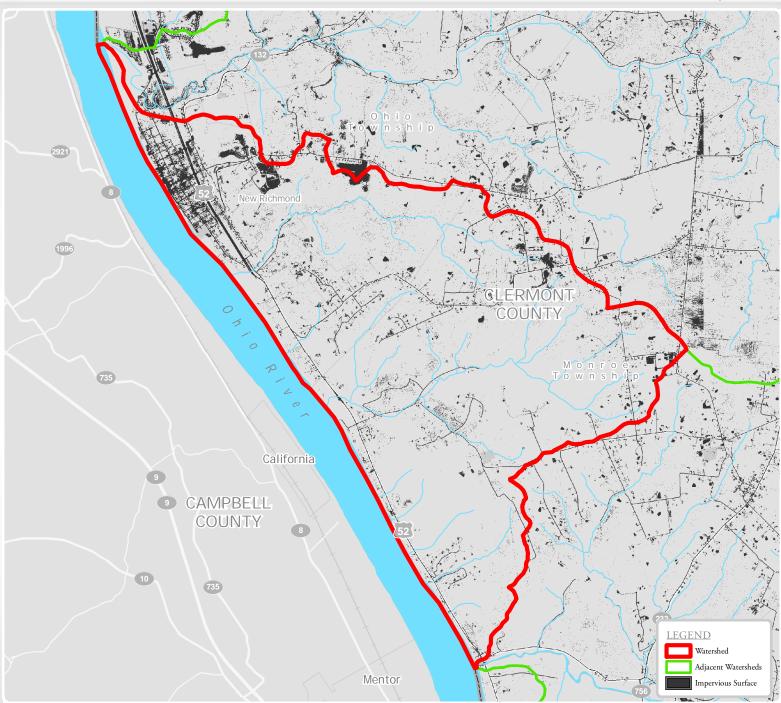
Villages:





BOAT RUN-OHIO RIVER Watershed

HUC 12: 050902011203



ERODIBLE SOIL ACREAGES		
Highly Erodible:	97.7 acres	1.7
Not Highly Erodible:	142.1 acres	2.
Potentially Erodible:	137.7 acres	2.4
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	275.7 acres	4.8
Moderate (10%-20% slope):	67.6 acres	1.1
Severe (more than 20% slope):	45.3 acres	0.
RIPARIAN CORRIDOR ACREAGE	S	
In Riparian Corridor:	20.8 acres	0.37
Outside Riparian Corridor:	367.8 acres	6.48
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	
No Aquifer:	388.6 acres	6.84
r to requirer.	5 5 5 . 5 u eres	5.0

cres	1.72% of Watershed
cres	2.5% of Watershed
cres	2.42% of Watershed
cres	4.85% of Watershed
cres	1.19% of Watershed
cres	0.8% of Watershed
cres	0.37% of Watershed
cres	6.48% of Watershed
cres	0% of Watershed
cres	6.84% of Watershed
103	0.0170 Of Watershed

0 0.5	1 Miles	
<u>ROADWAY MILES</u> Interstate Highways	and Ramps:	0 miles
U.S. Highways:		5.2 miles
State Routes:		0.2 miles
County Roads:		7.3 miles

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WARREN

DK

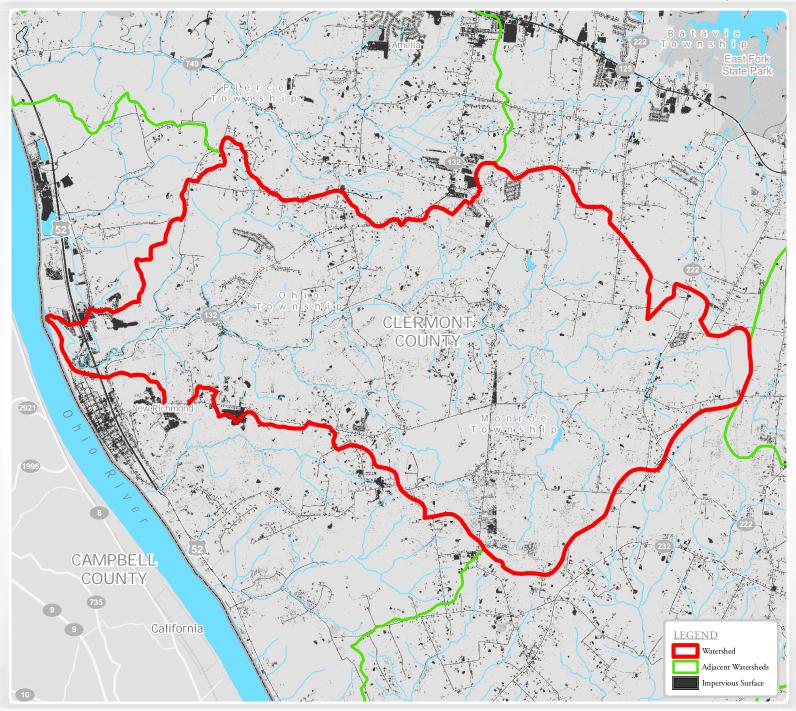
POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont Townships: Monroe, Ohio Cities: Mentor

Villages: New Richmond

FERGUSON RUN-TWELVEMILE CREEK Watershed

HUC 12: 050902011204

5.8% Impervious



ERODIBLE	SOIL	ACREAGES

Highly Erodible:	127.3 acres	1.02% of Watershed
Not Highly Erodible:	257.7 acres	2.06% of Watershed
Potentially Erodible:	322.6 acres	2.58% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	568.4 acres	4.55% of Watershed
Moderate (10%-20% slope):	102.8 acres	0.82% of Watershed
Severe (more than 20% slope):	51.8 acres	0.41% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	77.8 acres	0.62% of Watershed
Outside Riparian Corridor:	645.2 acres	5.17% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	723 acres	5.79% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0.6 miles
State Routes:	5.9 miles
County Roads:	20.6 miles
POLITICAL HURSDICTIONS IN WAT	TEDSLIED

1 Miles

0.5

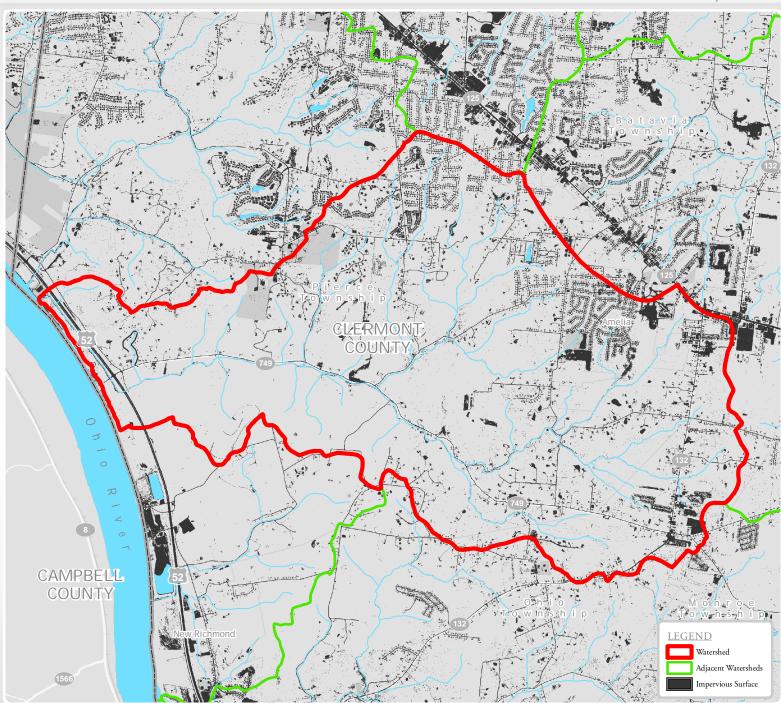
POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont Townships: Monroe, Pierce, Tate, Ohio Cities: Villages: New Richmond





TENMILE CREEK Watershed

HUC 12: 050902011206



ERODIBLE SOIL ACREAGES		
Highly Erodible:	120.5 acres	1.44%
Not Highly Erodible:	233.5 acres	2.8%
Potentially Erodible:	376.9 acres	4.52%
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	598.1 acres	7.17%
Moderate (10%-20% slope):	103.8 acres	1.24%
Severe (more than 20% slope):	50.3 acres	0.6%
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	63.5 acres	0.76%
Outside Riparian Corridor:	688.6 acres	8.25%
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0%
No Aquifer:	752.2 acres	9.01%

res	1.44% of Watershed	
res	2.8% of Watershed	
res	4.52% of Watershed	
res	7.17% of Watershed	
res	1.24% of Watershed	
res	0.6% of Watershed	
res	0.76% of Watershed	
res	8.25% of Watershed	
es	0% of Watershed	
es	9.01% of Watershed	

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	1.5 miles
State Routes:	8.4 miles
County Roads:	5.8 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Clermont Townships: Pierce, Ohio Cities: Villages: Amelia

0.5

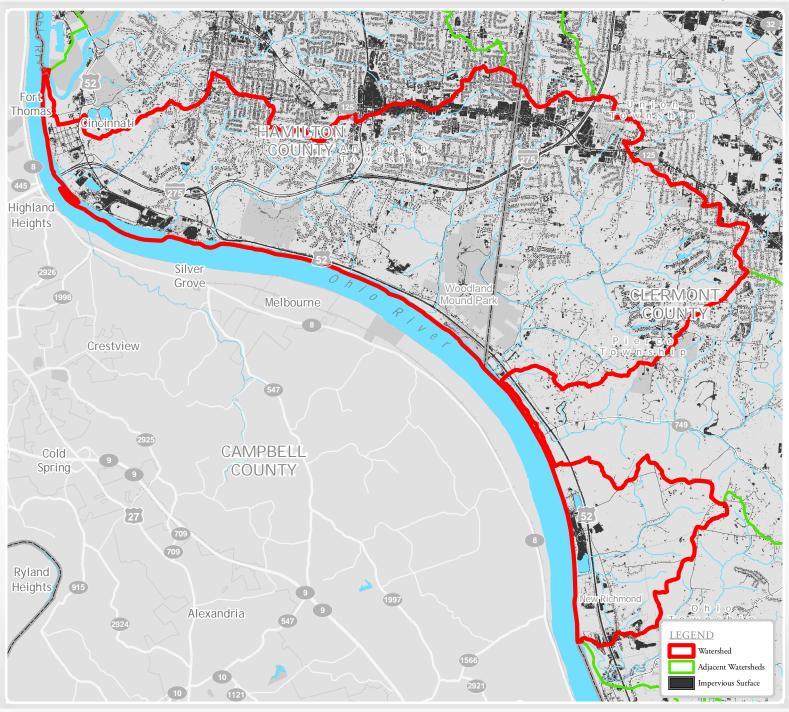




NINEMILE CREEK-OHIO RIVER Watershed

HUC 12: 050902011208

16% Impervious



EI	R(DI	\mathbf{D}	BLE	SC)	IL.	ACREAGES

Highly Erodible:	692.7 acres	4.09% of Watershed
Not Highly Erodible:	359.3 acres	2.12% of Watershed
Potentially Erodible:	1075.5 acres	6.34% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2165.4 acres	12.77% of Watershed
Moderate (10%-20% slope):	366.1 acres	2.16% of Watershed
Severe (more than 20% slope):	186.7 acres	1.1% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	183.9 acres	1.08% of Watershed
Outside Riparian Corridor:	2534.2 acres	14.94% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	256.2 acres	1.51% of Watershed
No Aquifer:	2461.4 acres	14.52% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	
U.S. Highways:	
State Routes:	
County Roads:	

1 Miles

0.5

0

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Clermont, Hamilton

Townships: Anderson, Ohio, Pierce, Union Cities: Cincinnati Villages: New Richmond



23.8 miles 8.7 miles 3.4 miles 41.2 miles



MIDDLE CAESAR CREEK Watershed

HUC 12: 050902020404

4.1% Impervious



Highly Erodible: Not Highly Erodible: Potentially Erodible: <u>SLOPE CLASS ACREAGES</u> Slight (0%-10% slope):

Moderate (10%-20% slope): Severe (more than 20% slope): RIPARIAN CORRIDOR ACREAGES

In Riparian Corridor:

Outside Riparian Corridor:

AQUIFER AREA ACREAGES Above Aquifer:

No Aquifer:

0 acres 0% of Watershed 1.42% of Watershed 0.2 acres 2.67% of Watershed 0.4 acres 0.5 acres 3.57% of Watershed 0.44% of Watershed 0.1 acres 0.08% of Watershed 0 acres 0% of Watershed 0 acres 4.1% of Watershed 0.6 acres 0% of Watershed 0 acres 0.6 acres 4.08% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	0 miles
County Roads:	0 miles

POLITICAL JURISDICTIONS IN WATERSHED

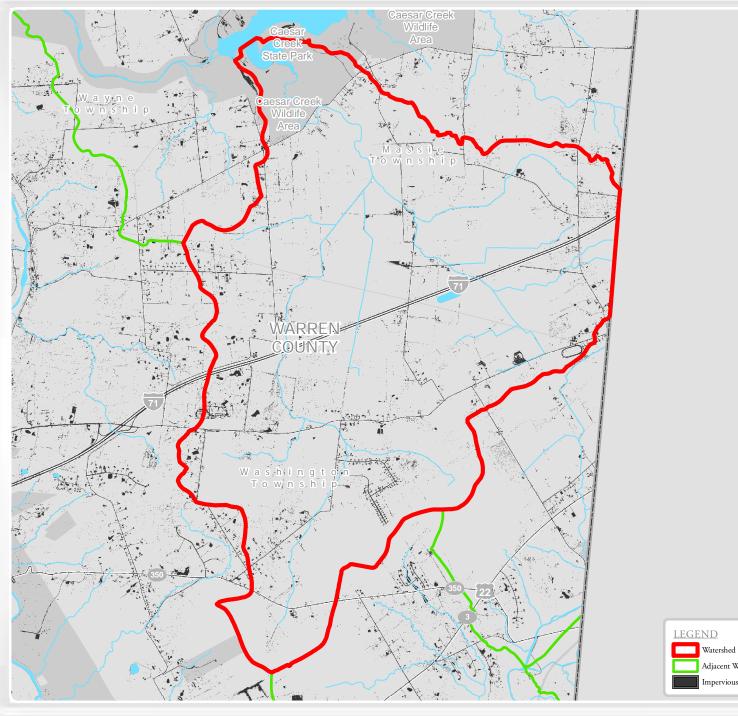
Counties: Warren Townships: Wayne Cities: Villages: BUTLER



FLAT FORK Watershed

HUC 12: 050902020405

3.6% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	53.8 acres	0.5
Not Highly Erodible:	116.2 acres	1.1
Potentially Erodible:	42.7 acres	0.4
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	319.7 acres	3.1
Moderate (10%-20% slope):	36.5 acres	0.3
Severe (more than 20% slope):	13.7 acres	0.1
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	31.6 acres	0.31
Outside Riparian Corridor:	338.4 acres	3.31
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	(
No Aquifer:	369.9 acres	3.62

acres	0.53% of Watershed
acres	1.14% of Watershed
acres	0.42% of Watershed
acres	3.13% of Watershed
acres	0.36% of Watershed
acres	0.13% of Watershed
acres	0.31% of Watershed
acres	3.31% of Watershed
acres	0% of Watershed
acres	3.62% of Watershed
	5.62/6 of Waterblied

ROADWAY MILES	
Interstate Highways and Ramps:	8.8 miles
U.S. Highways:	0 miles
State Routes:	0.9 miles
County Roads:	13.8 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren Townships: Massie, Washington

Cities: Villages:

0.5

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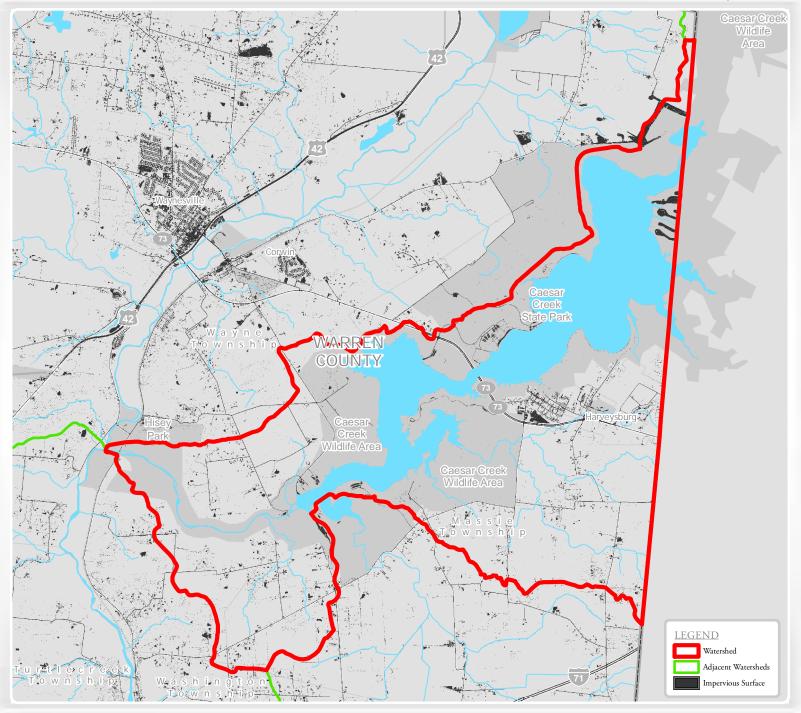
Adjacent Watersheds Impervious Surface



LOWER CAESAR CREEK Watershed

HUC 12: 050902020406

3.3% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	112 acres	0.92% o
Not Highly Erodible:	130.5 acres	1.07% o
Potentially Erodible:	120.2 acres	0.99% o
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	339.8 acres	2.79% o
Moderate (10%-20% slope):	45 acres	0.37% o
Severe (more than 20% slope):	17.1 acres	0.14% o
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	11.7 acres	0.1% of
Outside Riparian Corridor:	390 acres	3.21% o
AQUIFER AREA ACREAGES		
Above Aquifer:	1.6 acres	0.01% o
No Aquifer:	400.3 acres	3.29% o

	0
0.92% of Watershed	
1.07% of Watershed	RO
0.99% of Watershed	Int
	U.S
2.79% of Watershed	Sta
0.37% of Watershed	Co
0.14% of Watershed	00
	<u>PO</u>
0.1% of Watershed	Со
3.21% of Watershed	To
	Cit
0.01% of Watershed	Vil
3.29% of Watershed	

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	5.6 miles
County Roads:	10.8 miles

1 Miles

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Warren Townships: Massie, Washington, Wayne Cities:

Villages: Harveysburg

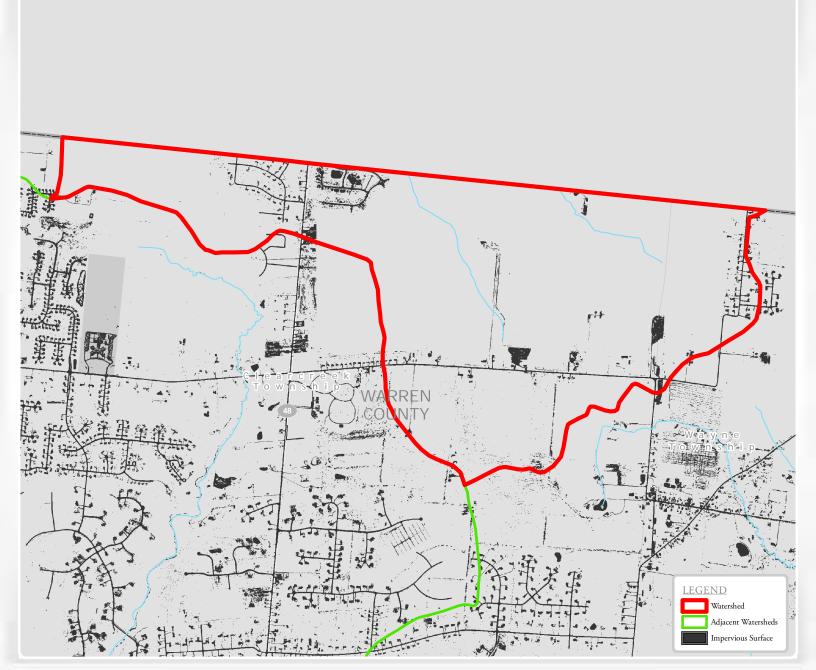
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JK

SUGAR CREEK Watershed

HUC 12: 050902020501



ERODIBLE SOIL ACREAGES Highly Erodible: Not Highly Erodible: Potentially Erodible: <u>SLOPE CLASS ACREAGES</u> Slight (0%-10% slope): Moderate (10%-20% slope):

Severe (more than 20% slope):
RIPARIAN CORRIDOR ACREAGES
In Riparian Corridor:

Outside Riparian Corridor:

AQUIFER AREA ACREAGES Above Aquifer:

Above Aquiter:	
No Aquifer:	
1	

0.4 acres 47.3 acres 3.5 acres	0.03% of Watershed 3.74% of Watershed 0.28% of Watershed
47.9 acres	3.77% of Watershed
3 acres	0.23% of Watershed
0.4 acres	0.03% of Watershed
0.3 acres	0.03% of Watershed
50.9 acres	4% of Watershed
0 acres	0% of Watershed
51.2 acres	4.03% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	0.3 miles
County Roads:	1.9 miles

0.5 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren

Townships: Clearcreek, Wayne Cities: Villages:

0.25

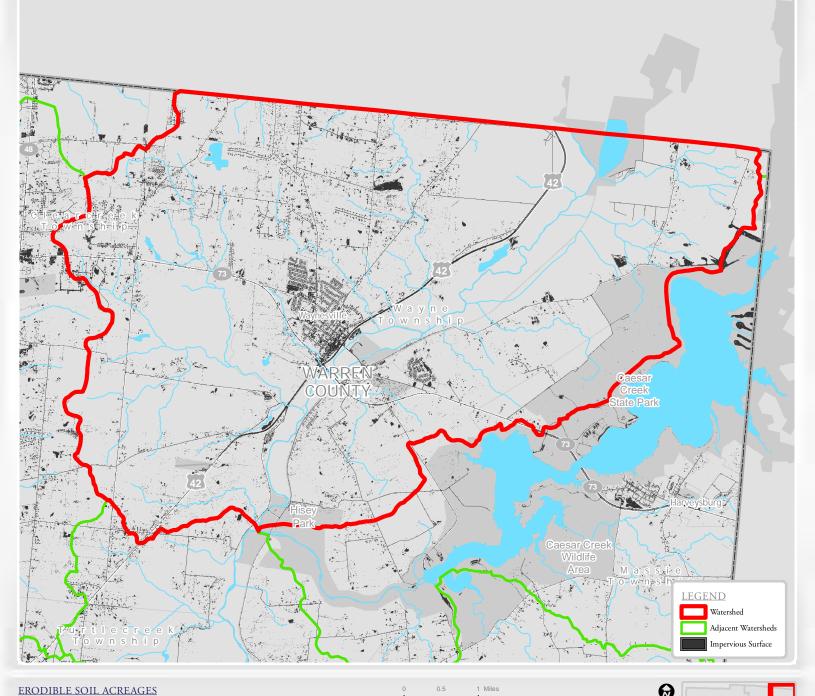
BUTLER WARREN HAMILTON



NEWMAN RUN-LITTLE MIAMI RIVER Watershed

HUC 12: 050902020504

5.3% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	506.8 acres	2.01% of Watershed
Not Highly Erodible:	400.9 acres	1.59% of Watershed
Potentially Erodible:	324.4 acres	1.29% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1115.1 acres	4.43% of Watershed
Moderate (10%-20% slope):	163.3 acres	0.65% of Watershed
Severe (more than 20% slope):	68.1 acres	0.27% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	61.6 acres	0.24% of Watershed
Outside Riparian Corridor:	1284.9 acres	5.1% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	151.4 acres	0.6% of Watershed
No Aquifer:	1195.1 acres	4.75% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	10 miles
State Routes:	7.2 miles
County Roads:	33 miles
POLITICAL JURISDICTIONS IN WATE	ERSHED

0.5

Counties: Warren Townships: Clearcreek, Massie, Wayne Cities: Villages: Corwin, Waynesville

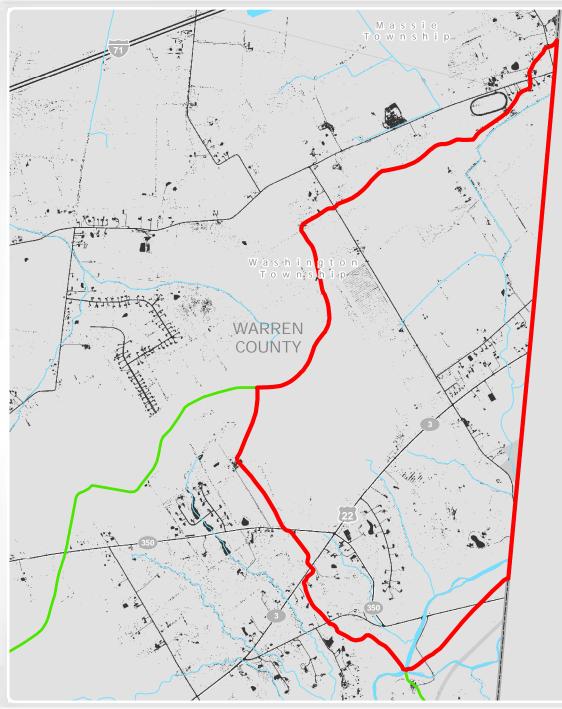
Ø	BUTLER	WARREN
	HAMILTON	CLERMONT



LITTLE CREEK-TODD FORK Watershed

HUC 12: 050902020606

3.1% Impervious



ERODIBLE SOIL ACREAGES	
Highly Erodible:	13.4
Not Highly Erodible:	17.7
Potentially Erodible:	5.6
SLOPE CLASS ACREAGES	
Slight (0%-10% slope):	55.9
Moderate (10%-20% slope):	8.9
Severe (more than 20% slope):	4
RIPARIAN CORRIDOR ACREAGES	
In Riparian Corridor:	8.6
Outside Riparian Corridor:	60.1
AQUIFER AREA ACREAGES	
Above Aquifer:	0
No Aquifer:	68.8

13.4 acres	0.6% of Watershed
17.7 acres	0.8% of Watershed
5.6 acres	0.25% of Watershed
55.9 acres	2.51% of Watershed
8.9 acres	0.4% of Watershed
4 acres	0.18% of Watershed
8.6 acres	0.39% of Watershed
60.1 acres	2.69% of Watershed
0 acres	0% of Watershed
68.8 acres	3.08% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	1.7 miles
State Routes:	1.4 miles
County Roads:	2.6 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren

Townships: Massie, Washington Cities: Villages:



Watershed Adjacent Watersheds

<u>LEGEND</u>

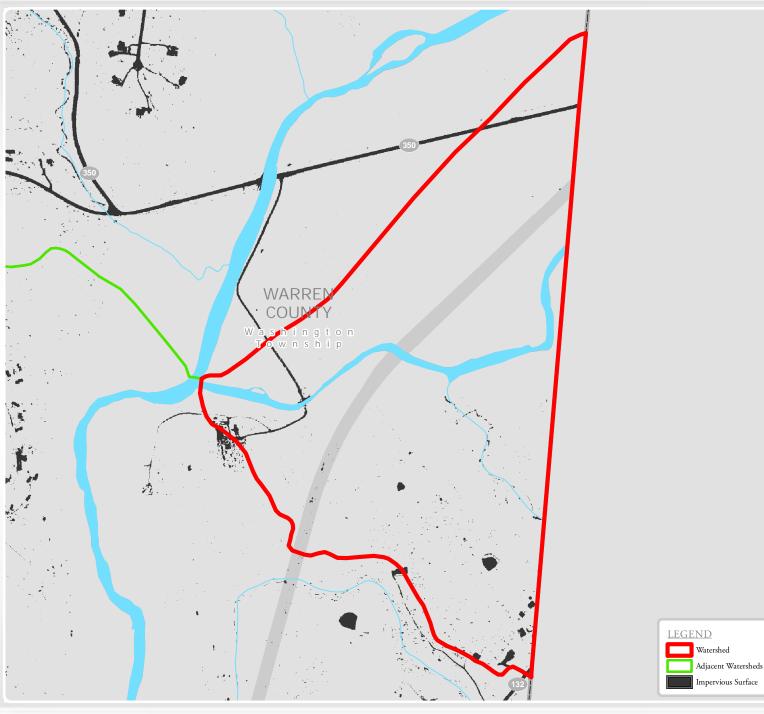




EAST FORK TODD FORK Watershed

HUC 12: 050902020701

1.6% Impervious



ERODIBLE SOIL ACREAGES	
Highly Erodible:	0.5
Not Highly Erodible:	0.1
Potentially Erodible:	0.4
SLOPE CLASS ACREAGES	
Slight (0%-10% slope):	2.1
Moderate (10%-20% slope):	0.4
Severe (more than 20% slope):	0.2
RIPARIAN CORRIDOR ACREAGES	
In Riparian Corridor:	0.3
Outside Riparian Corridor:	2.3
AQUIFER AREA ACREAGES	
Above Aquifer:	0
No Aquifer:	2.6
- ···	

0.5 acres	0.28% of Watershed
0.1 acres	0.05% of Watershed
0.4 acres	0.26% of Watershed
2.1 acres	1.2% of Watershed
0.4 acres	0.25% of Watershed
0.2 acres	0.09% of Watershed
0.3 acres	0.2% of Watershed
2.3 acres	1.35% of Watershed
0 acres	0% of Watershed
2.6 acres	1.54% of Watershed

0	0.15	0.3 Willes
	I	
ROADWAY I	MILES	
Interstate H	lighways and Ramps:	0 miles
U.S. Highv	vays:	0 miles
State Route	s:	0.2 miles
County Ro	ads:	0 miles

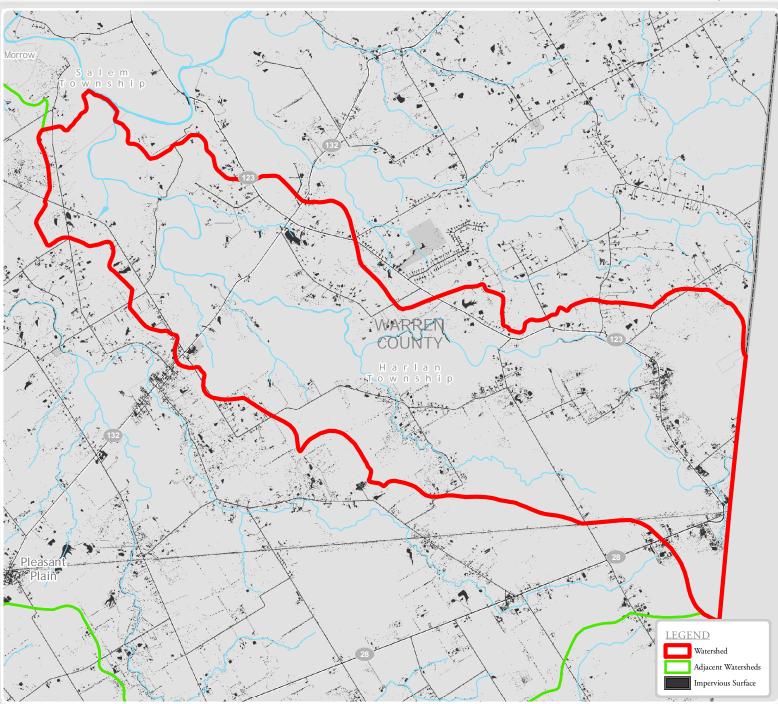
POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren

Townships: Washington Cities: Villages: BUTLER WARRE



SECOND CREEK Watershed

HUC 12: 050902020702



ERODIBLE SOIL ACREAGES	
Highly Frodible	

Highly Erodible:	106.6 acres	1.77% of Watershed
Not Highly Erodible:	90.7 acres	1.51% of Watershed
Potentially Erodible:	0.1 acres	0% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	212.4 acres	3.53% of Watershed
Moderate (10%-20% slope):	34.7 acres	0.58% of Watershed
Severe (more than 20% slope):	11.6 acres	0.19% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	22.3 acres	0.37% of Watershed
Outside Riparian Corridor:	236.3 acres	3.93% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	258.6 acres	4.3% of Watershed

0	0.5	1 Miles	
	Highways and	l Ramps:	0 miles
U.S. Highv State Route	•		0 miles 6.6 miles
County Ro	ads:		3.4 miles

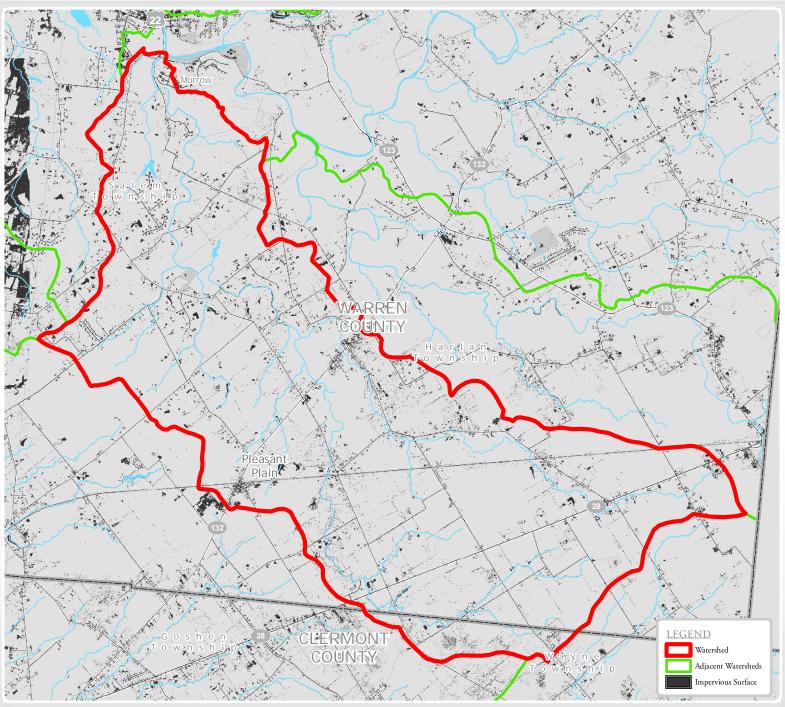
POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren Townships: Harian, Salem Cities: Villages: Blanchester, Butlerville BUTLER WARREN HAMILTON



FIRST CREEK Watershed

HUC 12: 050902020703

5.1% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	183.3 acres	1.47% of Watershed
Not Highly Erodible:	248.9 acres	1.99% of Watershed
Potentially Erodible:	6.8 acres	0.05% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	532.4 acres	4.27% of Watershed
Moderate (10%-20% slope):	77 acres	0.62% of Watershed
Severe (more than 20% slope):	25 acres	0.2% of Watershed
RIPARIAN CORRIDOR ACREAGES	5	
In Riparian Corridor:	65.8 acres	0.53% of Watershed
Outside Riparian Corridor:	568.7 acres	4.56% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	1.8 acres	0.01% of Watershed
No Aquifer:	632.7 acres	5.07% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	6.8 miles
County Roads:	19.3 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont, Warren Townships: Goshen, Harian, Salem, Wayne Cities: Pleasant Plain Villages: Butlerville, Morrow

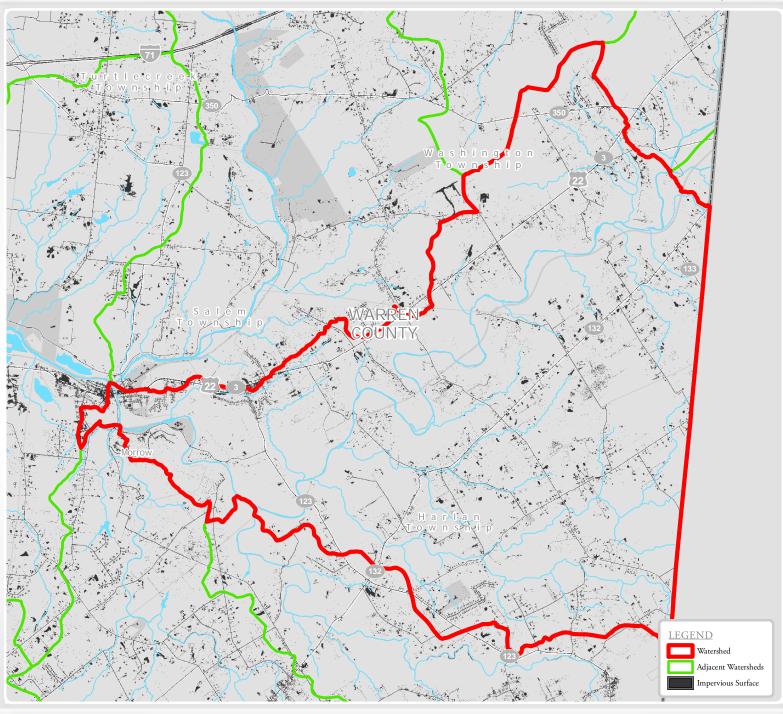




LICK RUN-TODD FORK Watershed

HUC 12: 050902020704

4.4% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	288.8 acres	1.62% of Watershed
Not Highly Erodible:	337.1 acres	1.89% of Watershed
Potentially Erodible:	19.9 acres	0.11% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	650 acres	3.65% of Watershed
Moderate (10%-20% slope):	95.1 acres	0.53% of Watershed
Severe (more than 20% slope):	38.5 acres	0.22% of Watershed
RIPARIAN CORRIDOR ACREAGES	2	
In Riparian Corridor:	67.6 acres	0.38% of Watershed
Outside Riparian Corridor:	715.9 acres	4.02% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	21.5 acres	0.12% of Watershed
No Aquifer:	762.1 acres	4.28% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	6 miles
State Routes:	11.4 miles
County Roads:	14.6 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren Townships: Harian, Salem, Washington Cities: Villages: Blanchester, Morrow

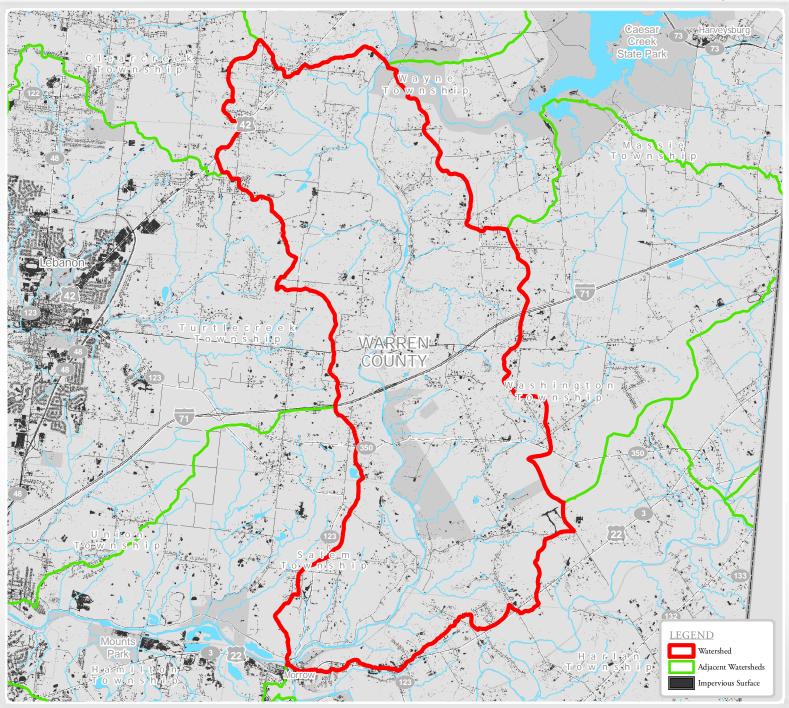




FERRIS RUN-LITTLE MIAMI RIVER Watershed

HUC 12: 050902020801

4.7% Impervious



Highly Erodible:	438.7 acres
Not Highly Erodible:	361.9 acres
Potentially Erodible:	40.8 acres
SLOPE CLASS ACREAGES	
Slight (0%-10% slope):	708.3 acres
Moderate (10%-20% slope):	125.1 acres
Severe (more than 20% slope):	78.5 acres

ERODIBLE SOIL ACREAGES

SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	708.3 acres	3.67% of Watershed
Moderate (10%-20% slope):	125.1 acres	0.65% of Watershed
Severe (more than 20% slope):	78.5 acres	0.41% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	66.8 acres	0.35% of Watershed
Outside Riparian Corridor:	845.1 acres	4.38% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	75.7 acres	0.39% of Watershed
No Aquifer:	836.1 acres	4.33% of Watershed

2.27% of Watershed

1.87% of Watershed

0.21% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	8.1 miles
U.S. Highways:	2.9 miles
State Routes:	5.4 miles
County Roads:	26.5 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren

Townships: Clearcreek, Massie, Salem, Turtlecreek, Washington, Wayne Cities:

Villages: Morrow

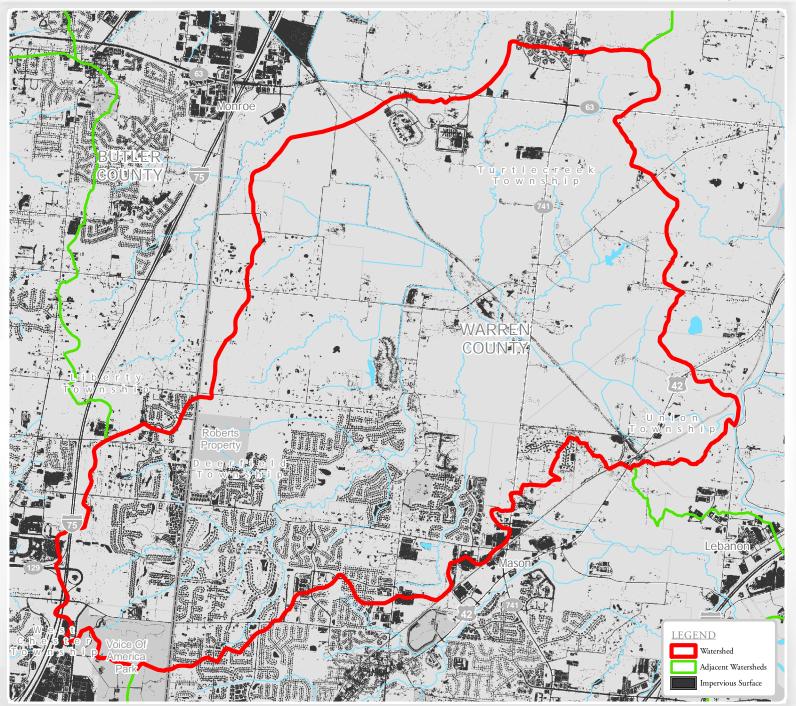




LITTLE MUDDY CREEK Watershed

HUC 12: 050902020802

10.8% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	378 acres	2.87% of Watershed
Not Highly Erodible:	618.3 acres	4.7% of Watershed
Potentially Erodible:	405 acres	3.08% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1215.6 acres	9.23% of Watershed
Moderate (10%-20% slope):	156.4 acres	1.19% of Watershed
Severe (more than 20% slope):	56.8 acres	0.43% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	77.4 acres	0.59% of Watershed
Outside Riparian Corridor:	1351.2 acres	10.26% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	125.9 acres	0.96% of Watershed
No Aquifer:	1302.8 acres	9.89% of Watershed

ROADWAY MILES		BUTLER WARREN
Interstate Highways and Ramps:	2.7 miles	
U.S. Highways:	1.1 miles	HAMILTON
State Routes:	5.8 miles	TIERMONT
County Roads:	9 miles	ERM
-		5

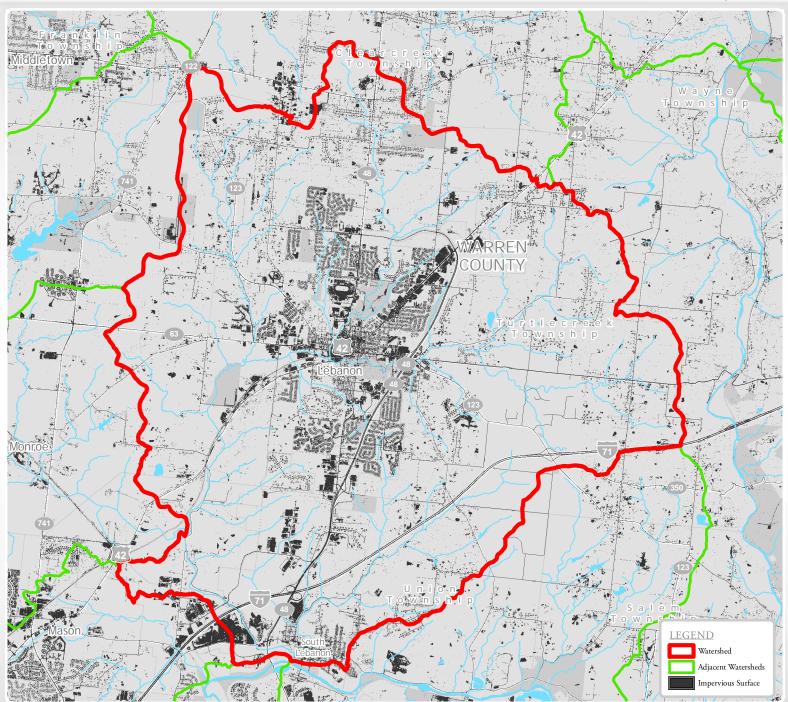
POLITICAL JURISDICTIONS IN WATERSHED

Counties: Butler, Warren Townships: Deerfield, Liberty, Turtlecreek, Union, West Chester Cities: Lebanon, Mason, Monroe Villages:

TURTLE CREEK Watershed

HUC 12: 050902020803

11.1% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	1205.2 acres	4.19% of Watershed
Not Highly Erodible:	1213.7 acres	4.22% of Watershed
Potentially Erodible:	728.5 acres	2.53% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2779.8 acres	9.67% of Watershed
Moderate (10%-20% slope):	293 acres	1.02% of Watershed
Severe (more than 20% slope):	108 acres	0.38% of Watershed
RIPARIAN CORRIDOR ACREAG	ES	
In Riparian Corridor:	161.5 acres	0.56% of Watershed
Outside Riparian Corridor:	3019.5 acres	10.51% of Watershed
AOUIFER AREA ACREAGES		
	756.2 acres	2.63% of Watershed
No Aquifer:	2424.6 acres	8.44% of Watershed
RIPARIAN CORRIDOR ACREAGE In Riparian Corridor: Outside Riparian Corridor: AQUIFER AREA ACREAGES Above Aquifer:	ES 161.5 acres 3019.5 acres 756.2 acres	0.56% of Watershed 10.51% of Watershed 2.63% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	
U.S. Highways:	

0.5 1 Miles

State Routes:27.5 milesCounty Roads:20.3 milesPOLITICAL JURISDICTIONS IN WATERSHED
Counties: WarrenCounties: Warren

Townships: Clearcreek, Turtlecreek, Union Cities: Lebanon Villages: South Lebanon

BUTLER WARREN HAMILTON

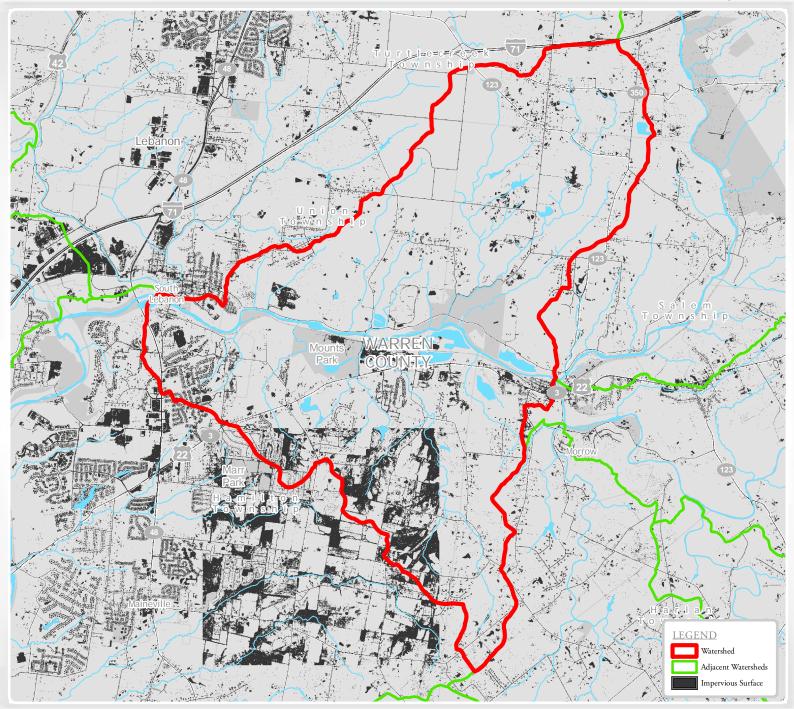
19.9 miles 7.4 miles



HALLS CREEK-LITTLE MIAMI RIVER Watershed

HUC 12: 050902020804

11.4% Impervious



	SOIL	ACREAGES
ERODIBLE	SOIL	ACKEAGES

Highly Erodible:	802.3 acres	6.12% of Watershed
Not Highly Erodible:	622.1 acres	4.75% of Watershed
Potentially Erodible:	39.3 acres	0.3% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1086.7 acres	8.29% of Watershed
Moderate (10%-20% slope):	261.2 acres	1.99% of Watershed
Severe (more than 20% slope):	146.9 acres	1.12% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>ES</u>	
In Riparian Corridor:	118.7 acres	0.91% of Watershed
Outside Riparian Corridor:	1376.1 acres	10.5% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	258.7 acres	1.97% of Watershed
No Aquifer:	1236.2 acres	9.44% of Watershed

0 0.5	1 Miles	
ROADWAY MILI Interstate High U.S. Highways State Routes: County Roads:	ways and Ramps:	0.5 miles 4.1 miles 6.2 miles 15.3 miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Warren

Townships: Hamilton, Salem, Turtlecreek, Union Cities:

Villages: Morrow, South Lebanon

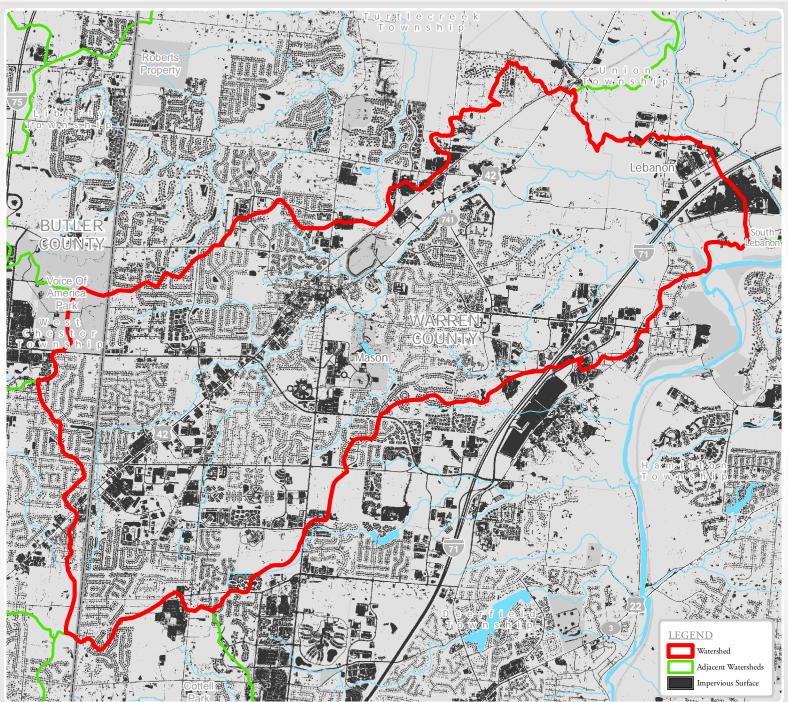




MUDDY CREEK Watershed

HUC 12: 050902020901

24.6% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	643.5 acres	6.34% of Watershed
Not Highly Erodible:	1224.1 acres	12.06% of Watershed
Potentially Erodible:	601.6 acres	5.93% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2241.3 acres	22.08% of Watershed
Moderate (10%-20% slope):	187.8 acres	1.85% of Watershed
Severe (more than 20% slope):	67.3 acres	0.66% of Watershed
RIPARIAN CORRIDOR ACREAG	<u>ES</u>	
In Riparian Corridor:	84.2 acres	0.83% of Watershed
Outside Riparian Corridor:	2411.7 acres	23.76% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	123 acres	1.21% of Watershed
No Aquifer:	2373.3 acres	23.39% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	6.3 miles
U.S. Highways:	6.2 miles
State Routes:	2.8 miles
County Roads:	13.5 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED

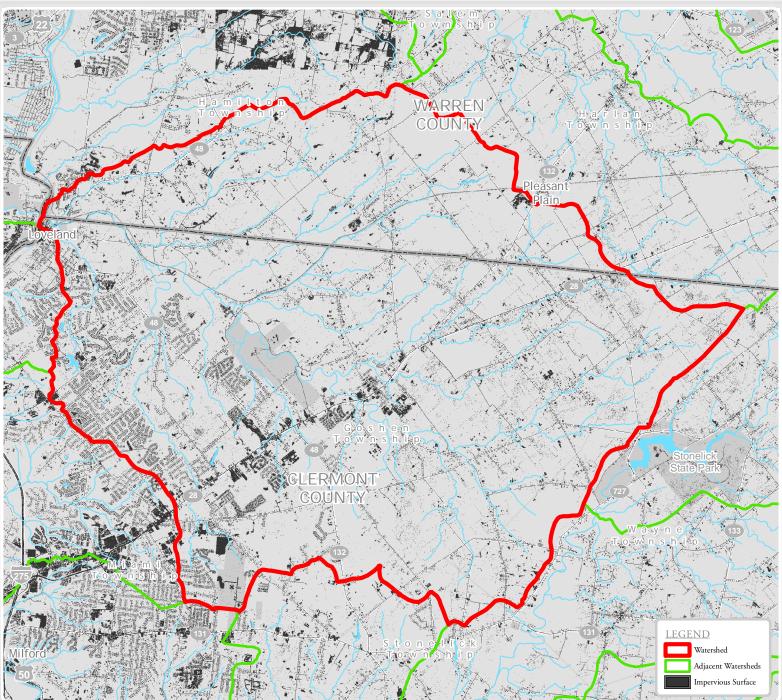
Counties: Butler, Warren Townships: Deerfield, Union, West Chester Cities: Lebanon, Mason Villages: South Lebanon





O'BANNON CREEK Watershed

HUC 12: 050902020902



ERODIBLE SOIL ACREAGES

Highly Erodible:	365.9 acres	0.96% of Watershed
Not Highly Erodible:	1725.5 acres	4.54% of Watershed
Potentially Erodible:	701.5 acres	1.85% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2604.8 acres	6.86% of Watershed
Moderate (10%-20% slope):	295.2 acres	0.78% of Watershed
Severe (more than 20% slope):	89.5 acres	0.24% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	234.9 acres	0.62% of Watershed
Outside Riparian Corridor:	2754.4 acres	7.25% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	23.9 acres	0.06% of Watershed
No Aquifer:	2965.5 acres	7.81% of Watershed

0 0.5 1 Miles	6)
ROADWAY MILES	-	BUTI
Interstate Highways and Ramps:	0 miles	
U.S. Highways:	0 miles	HAMI
State Routes:	23.2 miles	
County Roads:	60 miles	

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont, Warren

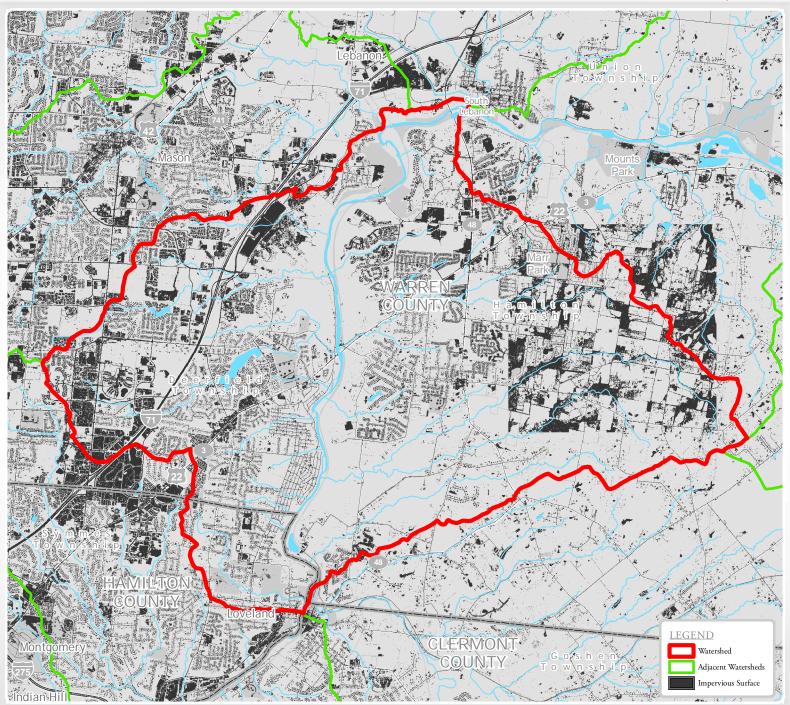
Townships: Goshen, Hamilton, Harian, Miami, Salem, Stonelick, Wayne Cities: Loveland, Pleasant Plain

Villages:



SALT RUN-LITTLE MIAMI RIVER Watershed

HUC 12: 050902020903



ERODIBLE SOIL ACREAGES

Highly Erodible:	1651.5 acres	7.31% of Watershed
Not Highly Erodible:	1906.2 acres	8.44% of Watershed
Potentially Erodible:	396.1 acres	1.75% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	3802.8 acres	16.83% of Watershed
Moderate (10%-20% slope):	488.8 acres	2.16% of Watershed
Severe (more than 20% slope):	193.9 acres	0.86% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	276.1 acres	1.22% of Watershed
Outside Riparian Corridor:	4209.3 acres	18.63% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	56.2 acres	0.25% of Watershed
No Aquifer:	4429.2 acres	19.61% of Watershed

		BUTLER
ROADWAY MILES		
Interstate Highways and Ramps:	9.9 miles	
U.S. Highways:	5.7 miles	HAMILTON
State Routes:	4.8 miles	m
County Roads:	35.3 miles	
	CEDCUED	

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont, Hamilton, Warren

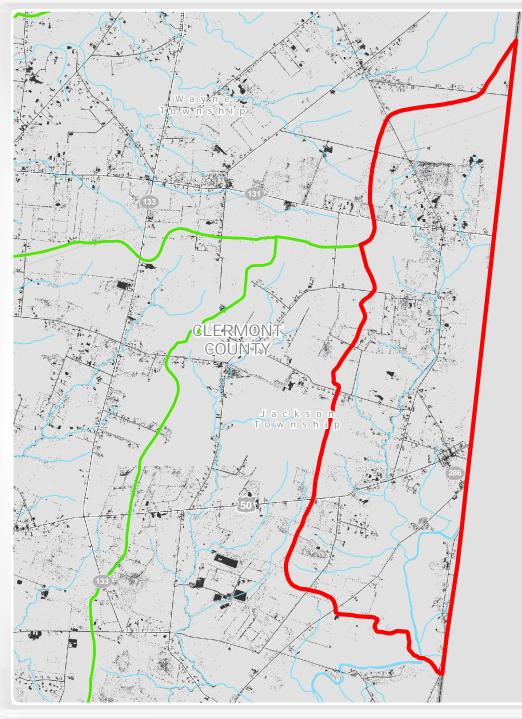
Townships: Deerfield, Hamilton, Salem, Symmes, Union Cities: Lebanon, Loveland, Mason Villages: Maineville, South Lebanon



SOLOMON RUN-EAST FORK LITTLE MIAMI RIVER Watershed

HUC 12: 050902021101

5% Impervious



ERODIBLE SOIL ACREAGES Highly Erodible:

LICODIDLE SOIL MERCHICLS		
Highly Erodible:	19.9 acres	0.5
Not Highly Erodible:	101 acres	2.55
Potentially Erodible:	75.2 acres	1.9
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	163.6 acres	4.1
Moderate (10%-20% slope):	24.7 acres	0.62
Severe (more than 20% slope):	10.7 acres	0.27
RIPARIAN CORRIDOR ACREAGES	5	
In Riparian Corridor:	20.4 acres	0.51
Outside Riparian Corridor:	178.5 acres	4.48
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0
No Aquifer:	198.9 acres	4.99

es	0.5% of Watershed	
es	2.55% of Watershed	
es	1.9% of Watershed	
es	4.1% of Watershed	
es	0.62% of Watershed	
es	0.27% of Watershed	
es	0.51% of Watershed	
es	4.48% of Watershed	
es	0% of Watershed	
es	4.99% of Watershed	

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	1.6 miles
State Routes:	1.4 miles
County Roads:	7.3 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Clermont Townships: Jackson, Wayne Cities: Villages:

0.5

Adjacent Watersheds

LEGEND Watershed

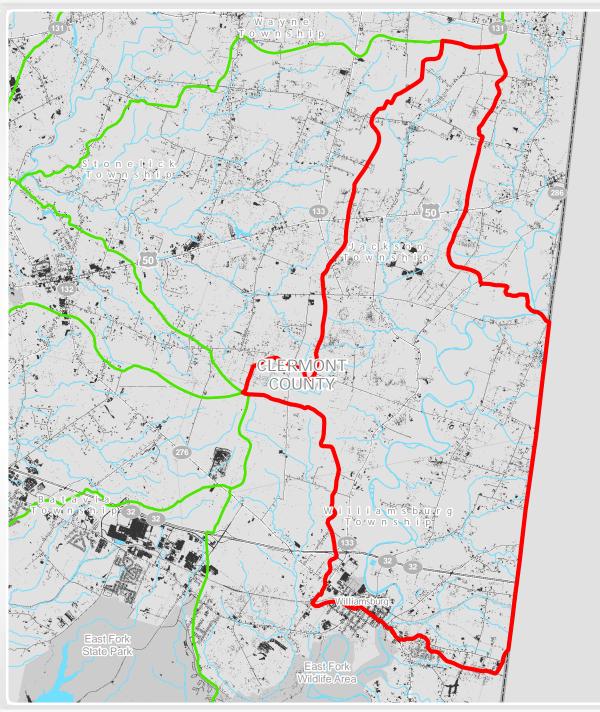




FIVEMILE CREEK-EAST FORK LITTLE MIAMI RIVER Watershed

HUC 12: 050902021102

5.2% Impervious



Highly Erodible: Not Highly Erodible: Potentially Erodible: <u>SLOPE CLASS ACREAGES</u> Slight (0%-10% slope): Moderate (10%-20% slope): Severe (more than 20% slope):

ERODIBLE SOIL ACREAGES

RIPARIAN CORRIDOR ACREAGES

In Riparian Corridor: Outside Riparian Corridor:

AQUIFER AREA ACREAGES

Above Aquifer: No Aquifer: 6

49 acres 0.37% of Watershed 3.04% of Watershed 398.1 acres 1.4% of Watershed 183.3 acres 588 acres 4.48% of Watershed 66 acres 0.5% of Watershed 0.18% of Watershed 24 acres 46.7 acres 0.36% of Watershed 631.2 acres 4.81% of Watershed 0 acres 0% of Watershed 5.17% of Watershed 677.9 acres

ROADWAY MILES	
Interstate Highways and Ramps:	0.9 miles
U.S. Highways:	1.7 miles
State Routes:	11.7 miles
County Roads:	20.7 miles

1 Miles

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Clermont

Townships: Jackson, Williamsburg Cities: Villages: Williamsburg

Adjacent Watersheds

Watershed

LEGEND

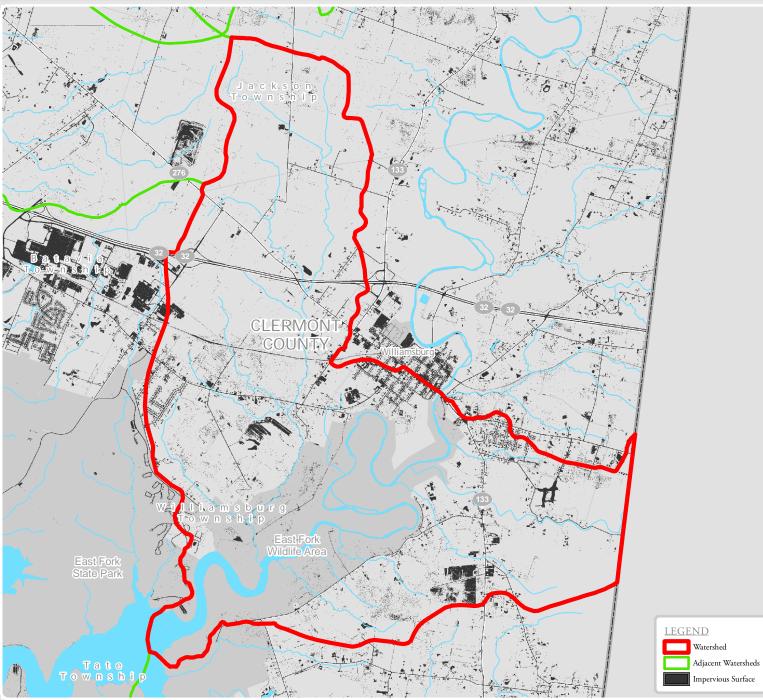




TODD RUN-EAST FORK LITTLE MIAMI RIVER Watershed

HUC 12: 050902021103

5.5% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	31.9 acres	0.38% of W
Not Highly Erodible:	257.4 acres	3.06% of W
Potentially Erodible:	136 acres	1.62% of W
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	404.5 acres	4.81% of W
Moderate (10%-20% slope):	38.8 acres	0.46% of W
Severe (more than 20% slope):	16.7 acres	0.2% of W
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	26.6 acres	0.32% of W
Outside Riparian Corridor:	433.4 acres	5.15% of W
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of V
No Aquifer:	460 acres	5.47% of W

cres	0.38% of Watershed
cres	3.06% of Watershed
cres	1.62% of Watershed
cres	4.81% of Watershed
cres	0.46% of Watershed
cres	0.2% of Watershed
cres	0.32% of Watershed
cres	5.15% of Watershed
cres	0% of Watershed
cres	5.47% of Watershed
	j.i, , o or wateroned

ROADWAY MILES	
Interstate Highways and Ramps:	1.5 miles
U.S. Highways:	0 miles
State Routes:	8.1 miles
County Roads:	8.9 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont

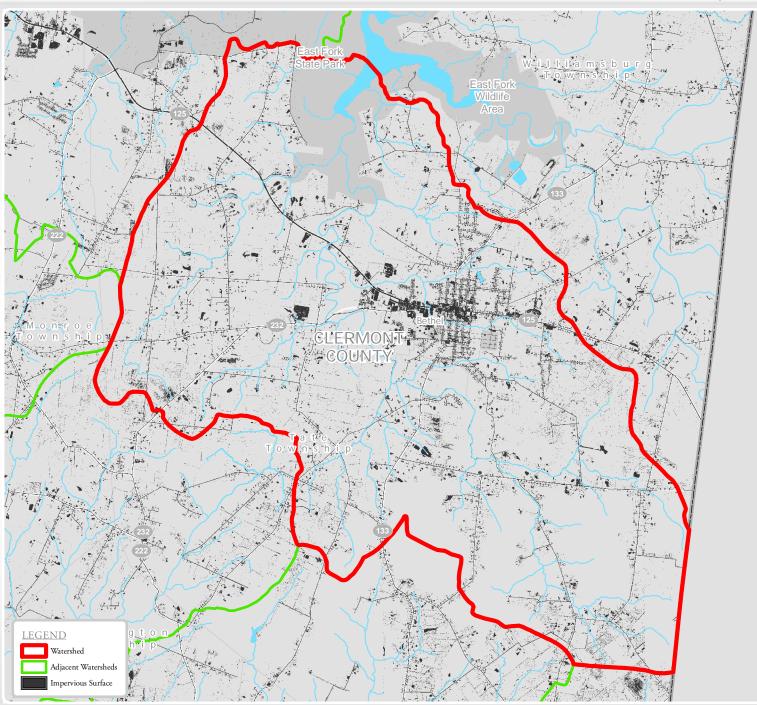
Townships: Jackson, Williamsburg Cities: Villages: Williamsburg





POPLAR CREEK Watershed

HUC 12: 050902021201



ERODIBLE SOIL ACREAGES

Highly Erodible:	36.9 acres	0.24% o
Not Highly Erodible:	496.4 acres	3.23% o
Potentially Erodible:	335.5 acres	2.19% o
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	874.1 acres	5.69% o
Moderate (10%-20% slope):	82.2 acres	0.54% o
Severe (more than 20% slope):	21 acres	0.14% o
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	78.3 acres	0.51% o
Outside Riparian Corridor:	899 acres	5.86% o
AOUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% o
No Aquifer:	977.3 acres	6.37% o

cres	0.24% of Watershed
cres	3.23% of Watershed
cres	2.19% of Watershed
cres	5.69% of Watershed
cres	0.54% of Watershed
cres	0.14% of Watershed
cres	0.51% of Watershed
cres	5.86% of Watershed
cres	0% of Watershed
cres	6.37% of Watershed
cits	0.57 /0 OI watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	12.1 miles
County Roads:	25.8 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Clermont Townships: Monroe, Tate Cities: Villages: Bethel

0.5

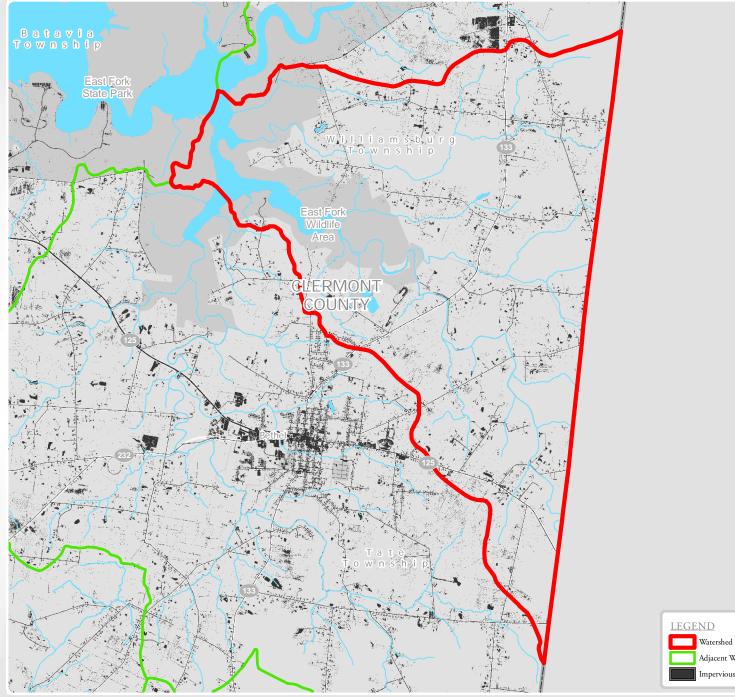




CLOVERLICK CREEK Watershed

HUC 12: 050902021202

3.5% Impervious



ERODIBLE SOIL ACREAGES		
Highly Erodible:	29.6 acres	0
Not Highly Erodible:	180.7 acres	1
Potentially Erodible:	117.9 acres	1
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	283.8 acres	
Moderate (10%-20% slope):	36.1 acres	0
Severe (more than 20% slope):	12 acres	0
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	19.1 acres	(
Outside Riparian Corridor:	312.8 acres	3.
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	
No Aquifer:	331.9 acres	3

acres	0.31% of Watershed
acres	1.91% of Watershed
acres	1.25% of Watershed
acres	3% of Watershed
acres	0.38% of Watershed
acres	0.13% of Watershed
acres	0.2% of Watershed
acres	3.31% of Watershed
acres	0% of Watershed
acres	3.51% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	5.7 miles
County Roads:	12.2 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont

Townships: Tate, Williamsburg Cities: Villages:

Impervious Surface Θ



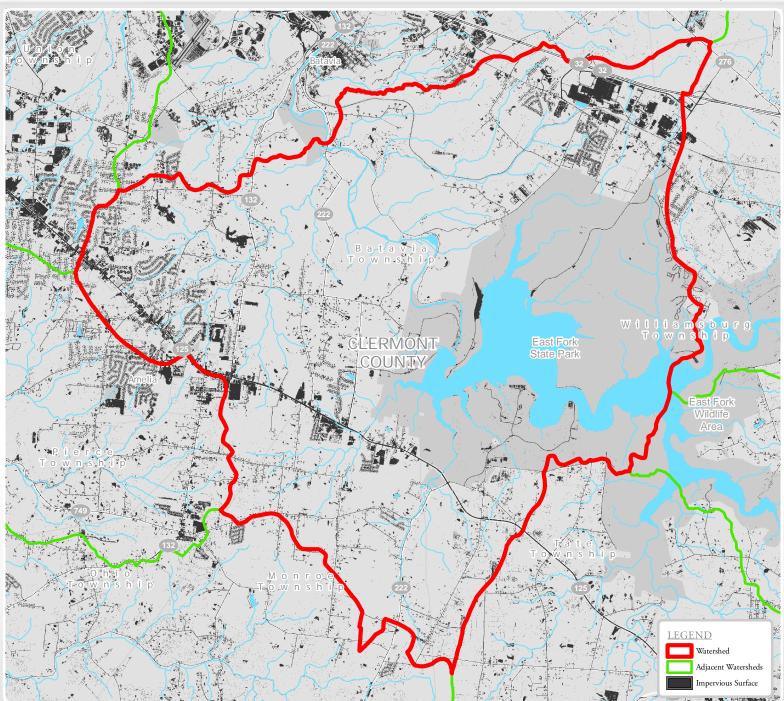
Adjacent Watersheds



LUCY RUN-EAST FORK LITTLE MIAMI RIVER Watershed

HUC 12: 050902021203

7.4% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	124.1 acres	0.56% of Watershed
Not Highly Erodible:	765.2 acres	3.44% of Watershed
Potentially Erodible:	646.1 acres	2.91% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1464.5 acres	6.59% of Watershed
Moderate (10%-20% slope):	120.6 acres	0.54% of Watershed
Severe (more than 20% slope):	51.8 acres	0.23% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>ES</u>	
In Riparian Corridor:	81.5 acres	0.37% of Watershed
Outside Riparian Corridor:	1555.4 acres	7% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	36.9 acres	0.17% of Watershed
No Aquifer:	1600 acres	7.2% of Watershed

0 0.5 1 Miles		0
		BUTLER
<u>ROADWAY MILES</u> Interstate Highways and Ramps:	1.1 miles	
U.S. Highways:	0 miles	HAMILTON
State Routes:	19 miles	m
County Roads:	21.6 miles	
POLITICAL JURISDICTIONS IN WAT	ERSHED	

Counties: Clermont

Townships: Batavia, Jackson, Monroe, Ohio, Pierce, Tate, Williamsburg Cities:

Villages: Amelia, Batavia

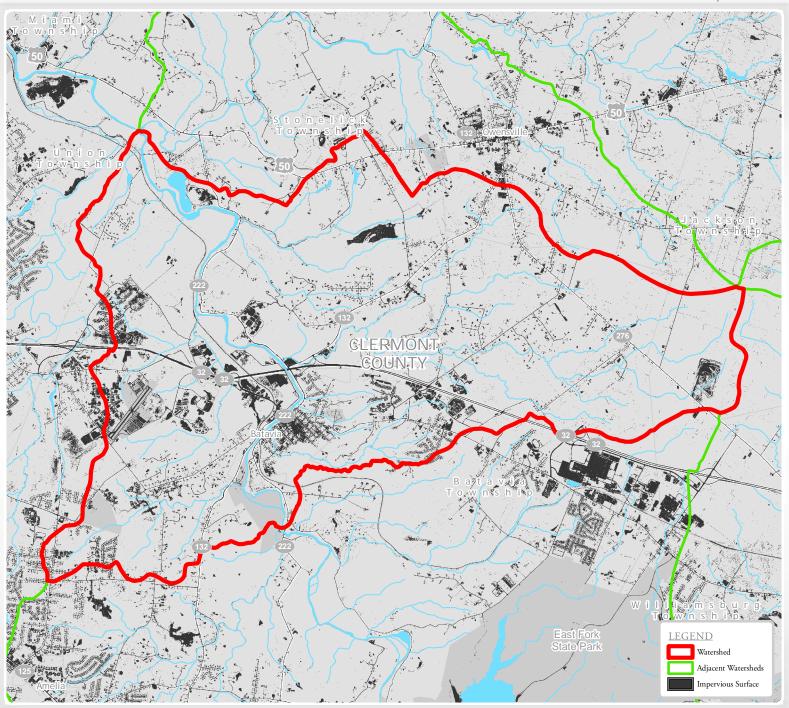
WARREN

RM0

BACKBONE CREEK-EAST FORK LITTLE MIAMI RIVER Watershed

HUC 12: 050902021204

9% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	141 acres	1.06% of Watershed
Not Highly Erodible:	462.5 acres	3.47% of Watershed
Potentially Erodible:	501.4 acres	3.77% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1025.4 acres	7.7% of Watershed
Moderate (10%-20% slope):	118 acres	0.89% of Watershed
Severe (more than 20% slope):	51.3 acres	0.39% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	67.5 acres	0.51% of Watershed
Outside Riparian Corridor:	1127.2 acres	8.47% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	252.1 acres	1.89% of Watershed
No Aquifer:	942.5 acres	7.08% of Watershed

0 0.5 1 Miles	6)
ROADWAY MILES		BU
Interstate Highways and Ramps:	2.4 miles	
U.S. Highways:	0.8 miles	HA
State Routes:	22.9 miles	
County Roads:	14.6 miles	
POLITICAL HIDIODICTIONS IN WA		

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont

Townships: Batavia, Jackson, Stonelick, Union, Williamsburg Cities: Villages: Batavia

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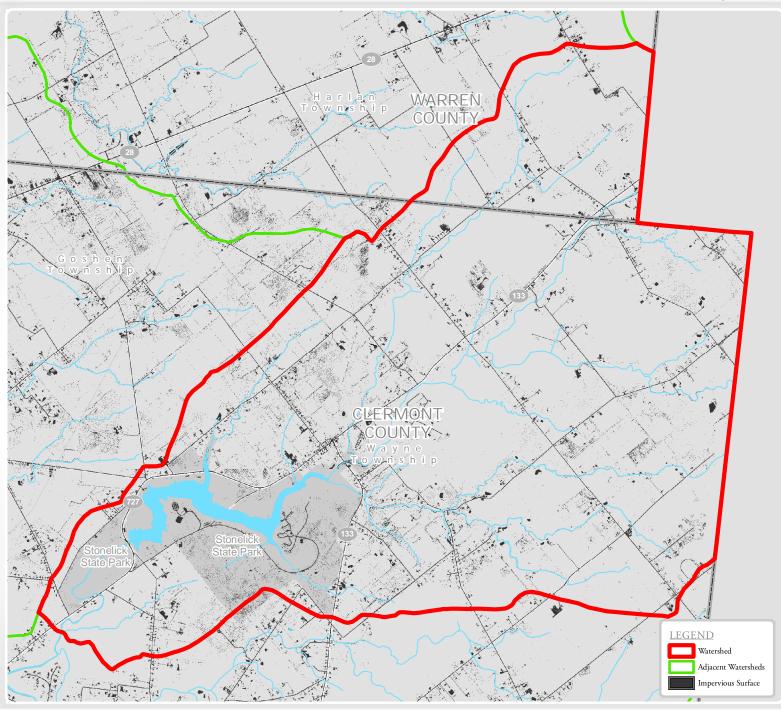
WARREN

MOM

HEADWATERS STONELICK CREEK Watershed

HUC 12: 050902021301

4.3% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	32.4 acres	0.31% of Watershed
Not Highly Erodible:	278.3 acres	2.66% of Watershed
Potentially Erodible:	99.7 acres	0.95% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	393.8 acres	3.71% of Watershed
Moderate (10%-20% slope):	49.5 acres	0.47% of Watershed
Severe (more than 20% slope):	13.9 acres	0.13% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>S</u>	
In Riparian Corridor:	46.3 acres	0.44% of Watershed
Outside Riparian Corridor:	410.8 acres	3.87% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	457.1 acres	4.3% of Watershed
*		

<u>ROADWAY MILES</u> Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	8.2 miles
County Roads:	12.7 miles

1 Miles

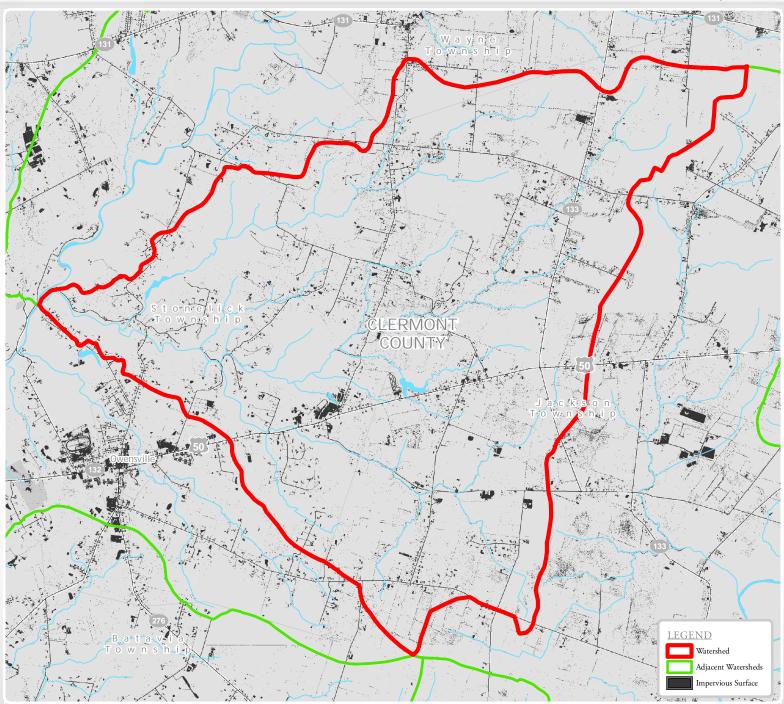
POLITICAL JURISDICTIONS IN WATERSHED

Counties: Clermont, Warren Townships: Harlan, Wayne Cities: Villages: BUTLER WARREN HAMILTON



BRUSHY FORK Watershed

HUC 12: 050902021302



ERODIBLE SOIL ACREAGES		
Highly Erodible:	41 acres	0.43% of Watershed
Not Highly Erodible:	282.7 acres	2.96% of Watershed
Potentially Erodible:	120.8 acres	1.26% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	373.9 acres	3.92% of Watershed
Moderate (10%-20% slope):	51.3 acres	0.54% of Watershed
Severe (more than 20% slope):	22.3 acres	0.23% of Watershed
RIPARIAN CORRIDOR ACREAGES	5	
In Riparian Corridor:	42.5 acres	0.45% of Watershed
Outside Riparian Corridor:	404.9 acres	4.24% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	447.5 acres	4.69% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	3.2 miles
State Routes:	3.1 miles
County Roads:	10.4 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont Townships: Jackson, Stonelick, Wayne

Townships: Jackson, Stonelick, Wayne Cities: Villages:

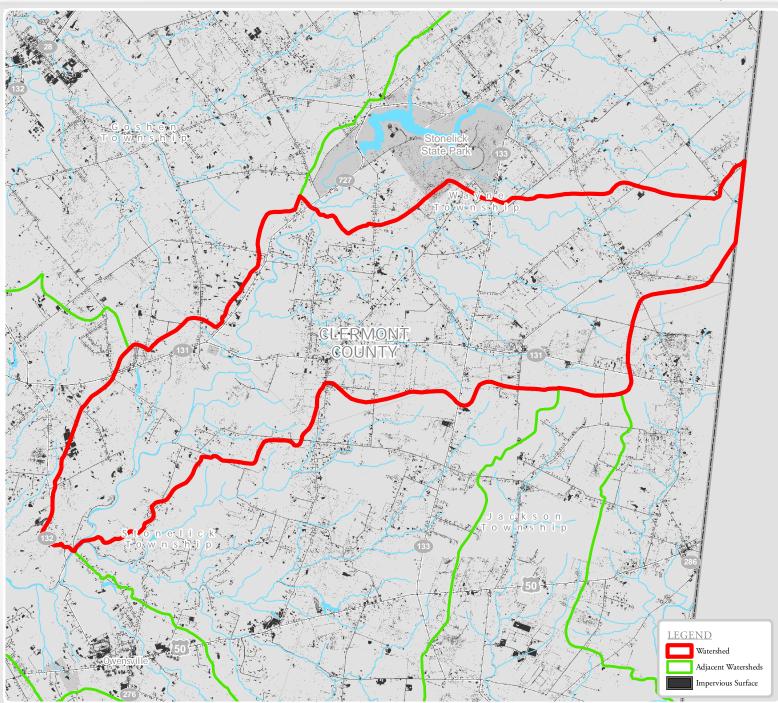




MOORES FORK-STONELICK CREEK Watershed

HUC 12: 050902021303

4.9% Impervious



Highly Erodible:
Not Highly Erodible:
Potentially Erodible:
SLOPE CLASS ACREAGES
Slight (0%-10% slope).

ERODIBLE SOIL ACREAGES

Slight (0%-10% slope):	484.7 acres	
Moderate (10%-20% slope):	56.2 acres	
Severe (more than 20% slope):	17.1 acres	
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	41.9 acres	(
Outside Riparian Corridor:	516.1 acres	
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	
No Aquifer:	558 acres	

17.1 acres	0.15% of Watershed
41.9 acres	0.37% of Watershed
16.1 acres	4.5% of Watershed
0 acres	0% of Watershed
558 acres	4.87% of Watershed

0.31% of Watershed

3.23% of Watershed

1.27% of Watershed

4.23% of Watershed

0.49% of Watershed

35.2 acres

370.4 acres

145.5 acres

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0 miles
State Routes:	12.1 miles
County Roads:	12.9 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont Townships: Jackson, Stonelick, Wayne Cities:

Villages: Newtonsville

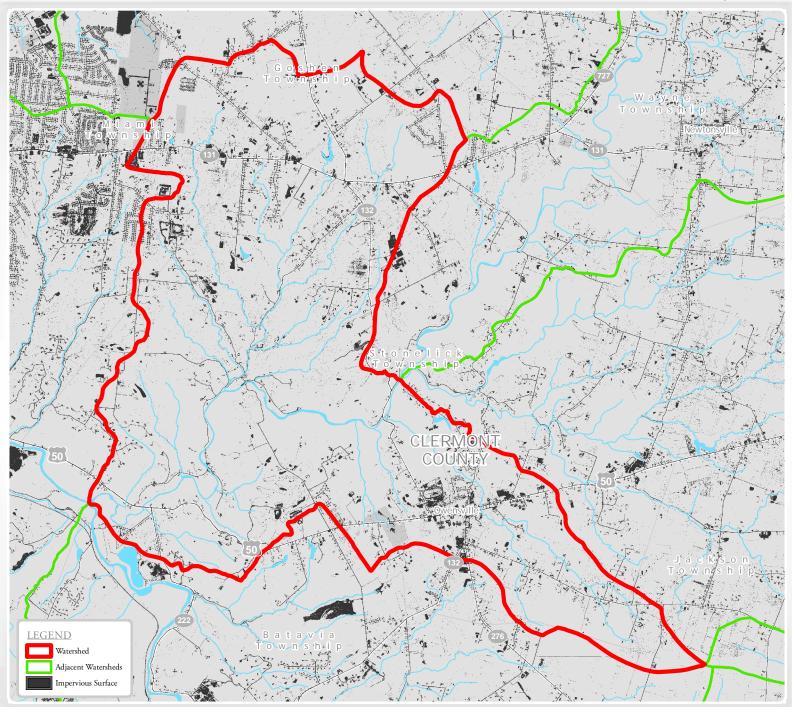
Ø		
-	BUTLER	WARREN
	HAMILTON	CLERMONT



LICK FORK-STONELICK CREEK Watershed

12: 050902021304 HUC

6.5% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	90.8 acres	0.77% of Watershed
Not Highly Erodible:	363.9 acres	3.11% of Watershed
Potentially Erodible:	250.8 acres	2.14% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	663.1 acres	5.66% of Watershed
Moderate (10%-20% slope):	73.8 acres	0.63% of Watershed
Severe (more than 20% slope):	29.8 acres	0.25% of Watershed
RIPARIAN CORRIDOR ACREAGES	<u>S</u>	
In Riparian Corridor:	48.5 acres	0.41% of Watershed
Outside Riparian Corridor:	718.1 acres	6.13% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	20.1 acres	0.17% of Watershed
No Aquifer:	746.6 acres	6.37% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	4.4 miles
State Routes:	9.3 miles
County Roads:	12.4 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont

Townships: Batavia, Goshen, Jackson, Miami, Stonelick, Union Cities:

Villages: Owensville

0.5

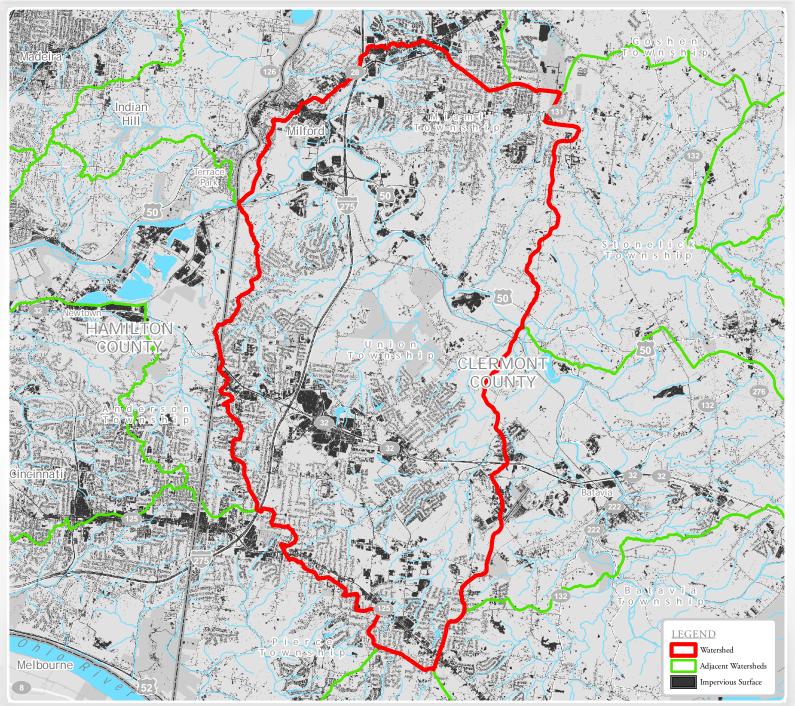




SALT RUN-EAST FORK LITTLE MIAMI RIVER Watershed

HUC 12: 050902021305

17.7% Impervious



0.5

1 Miles

ERODIBLE SOIL ACREAGES

Highly Erodible:	557.4 acres	2.05% of Watershed
Not Highly Erodible:	1361.9 acres	5.01% of Watershed
Potentially Erodible:	2295.8 acres	8.44% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	4193 acres	15.42% of Watershed
Moderate (10%-20% slope):	453.9 acres	1.67% of Watershed
Severe (more than 20% slope):	175.7 acres	0.65% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	216.8 acres	0.8% of Watershed
Outside Riparian Corridor:	4605.7 acres	16.94% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	600.7 acres	2.21% of Watershed
No Aquifer:	4221.7 acres	15.52% of Watershed

ROADWAY MILES		
Interstate Highways and Ramps:	27.1 miles	
U.S. Highways:	5.9 miles	
State Routes:	18.4 miles	
County Roads:	43.7 miles	

A

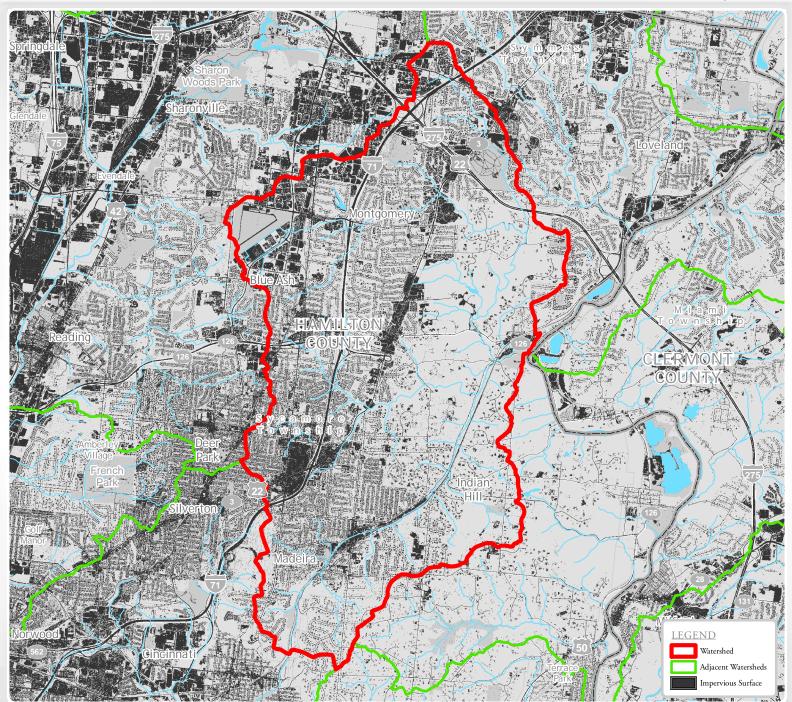
<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Clermont, Hamilton

Townships: Anderson, Batavia, Miami, Pierce, Stonelick, Union Cities: Milford Villages:



SYCAMORE CREEK Watershed

HUC 12: 050902021401



ERODIBLE SOIL ACREAGES

Highly Erodible:	777.6 acres	5.2% of Watershed
Not Highly Erodible:	1048.8 acres	7.02% of Watershed
Potentially Erodible:	1879.5 acres	12.57% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	3296.9 acres	22.06% of Watershed
Moderate (10%-20% slope):	430.2 acres	2.88% of Watershed
Severe (more than 20% slope):	163.9 acres	1.1% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>ES</u>	
In Riparian Corridor:	199.7 acres	1.34% of Watershed
Outside Riparian Corridor:	3691.4 acres	24.7% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	25.3 acres	0.17% of Watershed
No Aquifer:	3865.6 acres	25.86% of Watershed

0 0.5	1 Miles		Θ
			•
ROADWAY			
Interstate	Highways and Ramps:	29.2 miles	
U.S. High	ways:	6.1 miles	
State Rout	es:	5.2 miles	
County R	oads:	51.6 miles	

POLITICAL JURISDICTIONS IN WATERSHED Counties: Hamilton

Townships: Columbia, Sycamore, Symmes

0.5

1 Miles

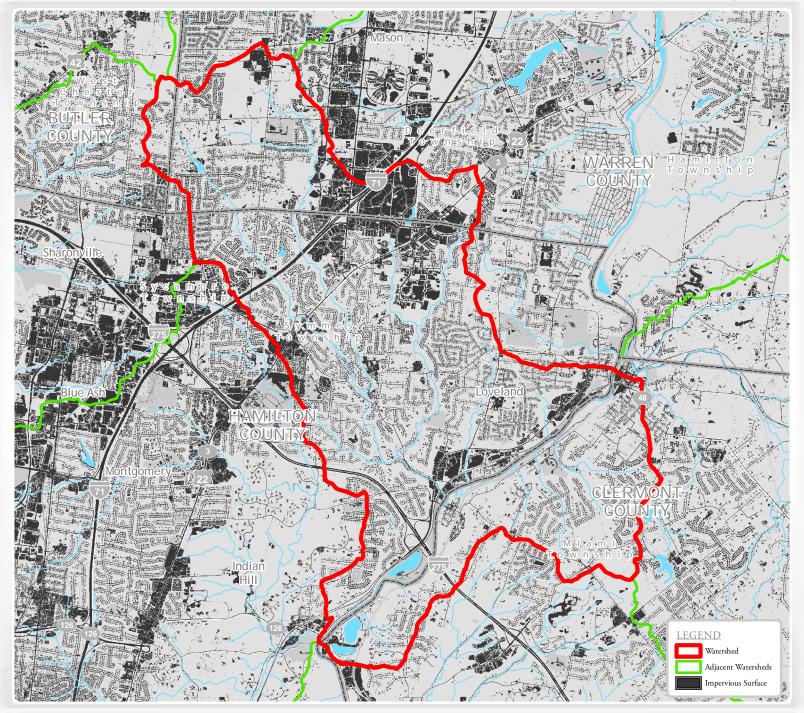
Cities: Blue Ash, Deer Park, Indian Hill, Madeira, Montgomery Villages: Evandale



POLK RUN-LITTLE MIAMI RIVER Watershed

HUC 12: 050902021402

23.3% Impervious



ERODIBLE SOIL	ACREAGES	
LICODIDLL SOIL	<u>MORLAGES</u>	

Highly Erodible:	624.2 acres	5.75% of Watershed
Not Highly Erodible:	768.3 acres	7.08% of Watershed
Potentially Erodible:	900.9 acres	8.3% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2159.7 acres	19.89% of Watershed
Moderate (10%-20% slope):	268.5 acres	2.47% of Watershed
Severe (more than 20% slope):	102.9 acres	0.95% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	62.8 acres	0.58% of Watershed
Outside Riparian Corridor:	2468 acres	22.73% of Watershed
AOUIFER AREA ACREAGES		
	292.9 acres	2.7% of Watershed
No Aquifer:	2237.9 acres	20.61% of Watershed
SLOPE CLASS ACREAGES Slight (0%-10% slope): Moderate (10%-20% slope): Severe (more than 20% slope): RIPARIAN CORRIDOR ACREAGEI In Riparian Corridor: Outside Riparian Corridor: AQUIFER AREA ACREAGES Above Aquifer:	2159.7 acres 268.5 acres 102.9 acres ES 62.8 acres 2468 acres 292.9 acres	 19.89% of Watershed 2.47% of Watershed 0.95% of Watershed 0.58% of Watershed 2.73% of Watershed 2.7% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	11.7 miles
U.S. Highways:	3 miles
State Routes:	0.6 miles
County Roads:	33.7 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED

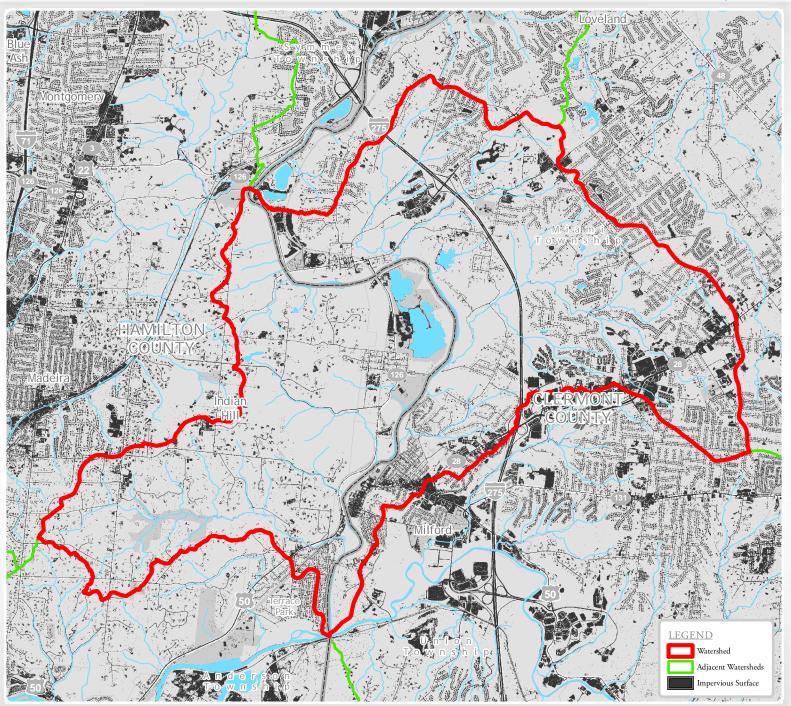
Counties: Butler, Clermont, Hamilton, Warren Townships: Deerfield, Miami, Sycamore, Symmes, West Chester Cities: Loveland, Montgomery, Sharonville Villages:





HORNER RUN-LITTLE MIAMI RIVER Watershed

HUC 12: 050902021403



ERODIBLE SOIL ACREAGES Highly Erodible: Not Highly Erodible: Potentially Erodible:

<u>SLOPE CLASS ACREAGES</u>	
Slight (0%-10% slope): 1522.7 acres 11.08% of Wate	rshed
Moderate (10%-20% slope): 197.2 acres 1.44% of Wate	rshed
Severe (more than 20% slope): 79.4 acres 0.58% of Wate	rshed
RIPARIAN CORRIDOR ACREAGES	
In Riparian Corridor: 81 acres 0.59% of Wate	rshed
Outside Riparian Corridor: 1718.4 acres 12.51% of Wate	rshed
AQUIFER AREA ACREAGES	
Above Aquifer: 384.9 acres 2.8% of Wate	rshed
No Aquifer: 1414.7 acres 10.3% of Wate	rshed

311.4 acres

530.6 acres

733 acres

2.27% of Watershed

3.86% of Watershed

5.33% of Watershed

ROADWAY MILES		
Interstate Highways and Ramps:	8.8 miles	
U.S. Highways:	1.9 miles	
State Routes:	7.8 miles	
County Roads:	31.8 miles	

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Clermont, Hamilton

1 Miles

Townships: Anderson, Columbia, Miami, Symmes, Union Cities: Indian Hill, Milford Villages: Terrace Park

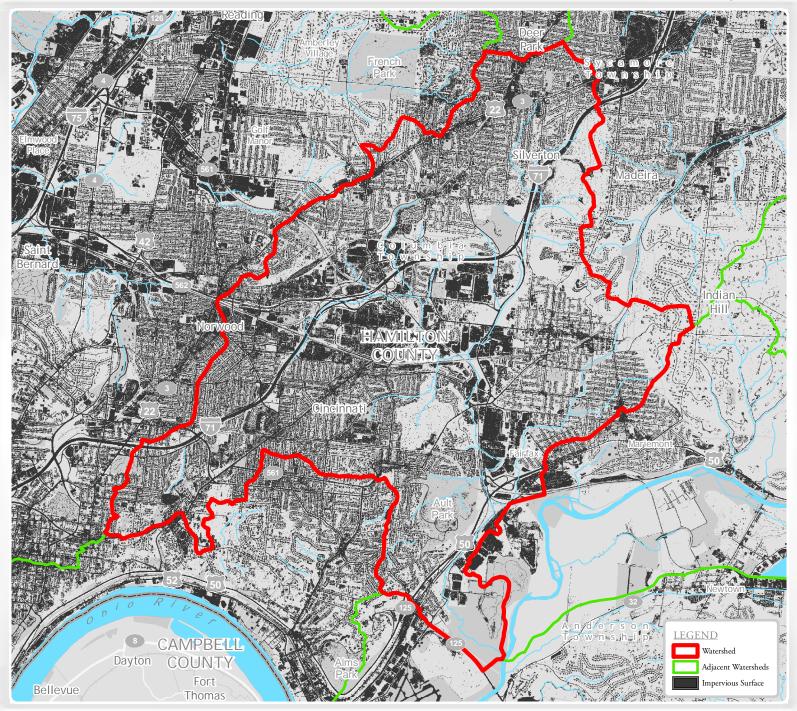




DUCK CREEK Watershed

HUC 12: 050902021404

39.7% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	935.6 acres	9.46% of Watershed
Not Highly Erodible:	874.7 acres	8.84% of Watershed
Potentially Erodible:	1310.6 acres	13.25% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	3106.6 acres	31.41% of Watershed
Moderate (10%-20% slope):	517.8 acres	5.24% of Watershed
Severe (more than 20% slope):	303 acres	3.06% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	151 acres	1.53% of Watershed
Outside Riparian Corridor:	3776.3 acres	38.18% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	2414.3 acres	24.41% of Watershed
No Aquifer:	1513.1 acres	15.3% of Watershed

0	0.5	1 Miles	$\mathbf{\Theta}$	
ROADWA Interstate		<u>S</u> vays and Ramps:	22.6 miles	
U.S. Hig	ghways:	, ,	7.1 miles	
State Ro	utes:		5.3 miles	
County	Roads:		32.7 miles	

POLITICAL JURISDICTIONS IN WATERSHED Counties: Hamilton

1 Miles

Townships: Anderson, Columbia, Sycamore

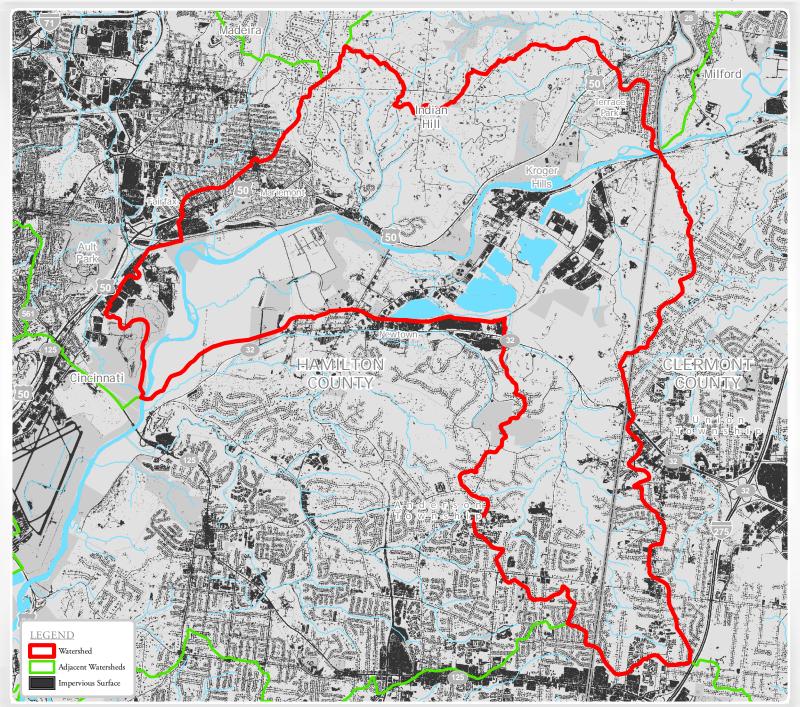
Cities: Cincinnati, Deer Park, Indian Hill, Madeira, Norwood, Silverton Villages: Fairfax, Mariemont



DRY RUN-LITTLE MIAMI RIVER Watershed

HUC 12: 050902021405

13.4% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	276.6 acres	2.43% of Watershed
Not Highly Erodible:	656.6 acres	5.77% of Watershed
Potentially Erodible:	322.8 acres	2.84% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1241.6 acres	10.91% of Watershed
Moderate (10%-20% slope):	189 acres	1.66% of Watershed
Severe (more than 20% slope):	92.9 acres	0.82% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>ES</u>	
In Riparian Corridor:	56.4 acres	0.5% of Watershed
Outside Riparian Corridor:	1467.2 acres	12.9% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	824.1 acres	7.24% of Watershed
No Aquifer:	699.5 acres	6.15% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0.2 miles
U.S. Highways:	5.9 miles
State Routes:	2.1 miles
County Roads:	21.9 miles

1 Miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Clermont, Hamilton

Townships: Anderson, Columbia, Union Cities: Cincinnati, Indian Hill Villages: Fairfax, Mariemont, Newtown, Terrace Park

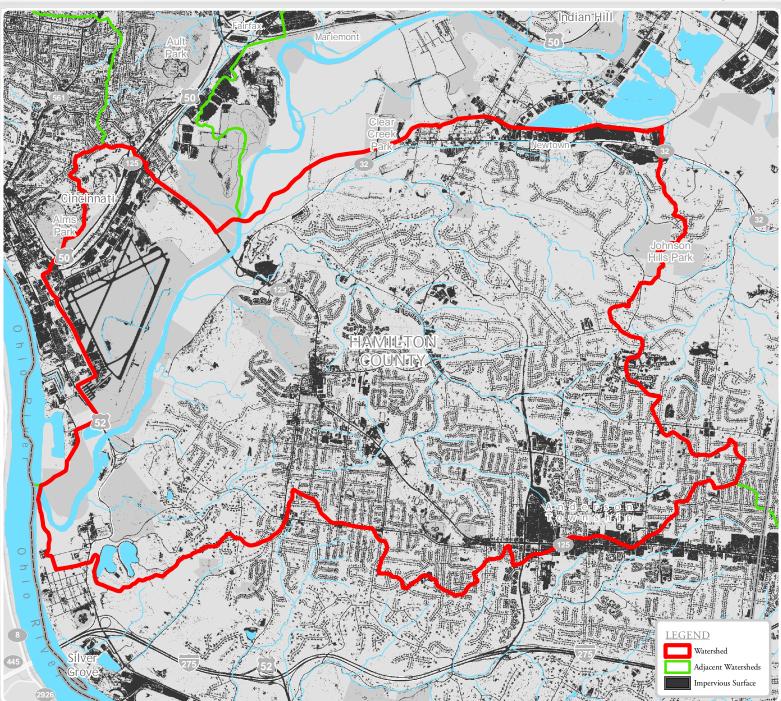




CLOUGH CREEK-LITTLE MIAMI RIVER Watershed

HUC 12: 050902021406

20.2% Impervious



ERODIBLE	SOIL	ACREAGES
LICODIDLL	UUIL	HORDHOLD

ERODIDLE SOIL ACKEAGES		
Highly Erodible:	724.9 acres	6.06% of Watershed
Not Highly Erodible:	306.5 acres	2.56% of Watershed
Potentially Erodible:	999.6 acres	8.35% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1892.9 acres	15.81% of Watershed
Moderate (10%-20% slope):	349.2 acres	2.92% of Watershed
Severe (more than 20% slope):	173.8 acres	1.45% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	140 acres	1.17% of Watershed
Outside Riparian Corridor:	2275.9 acres	19.01% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	575.4 acres	4.81% of Watershed
No Aquifer:	1840.4 acres	15.37% of Watershed
•		

ROADWAY MILES	
Interstate Highways and Ramps:	1.9 miles
U.S. Highways:	3.2 miles
State Routes:	9.6 miles
County Roads:	30.6 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Hamilton Townships: Anderson Cities: Cincinnati Villages: Newtown

0.5

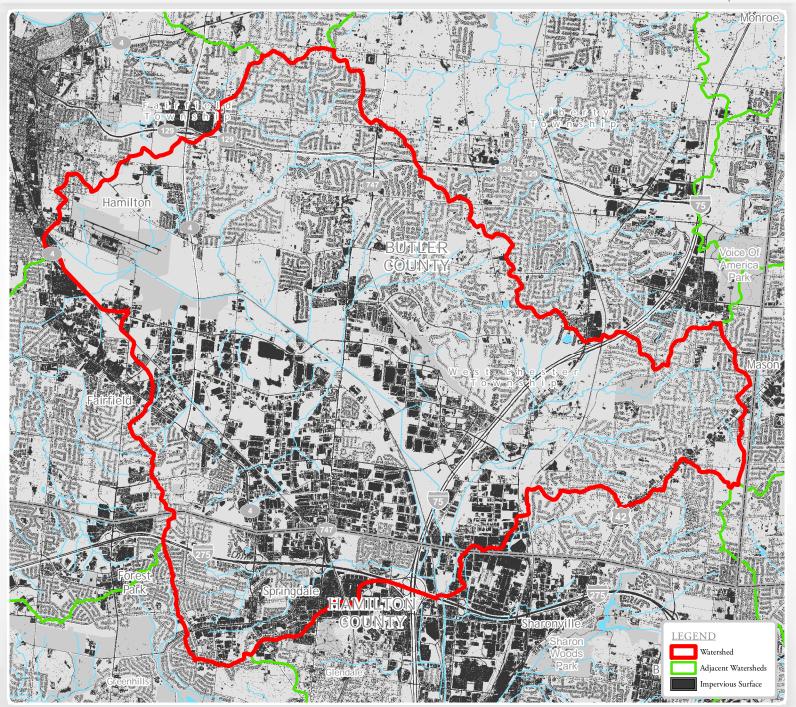




EAST FORK MILL CREEK-MILL CREEK Watershed

HUC 12: 050902030101

27.7% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	402.2 acres	1.33% of Watershed
Not Highly Erodible:	2421.8 acres	8% of Watershed
Potentially Erodible:	4681.4 acres	15.47% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	7447.1 acres	24.61% of Watershed
Moderate (10%-20% slope):	706.2 acres	2.33% of Watershed
Severe (more than 20% slope):	235.7 acres	0.78% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	282.5 acres	0.93% of Watershed
Outside Riparian Corridor:	8106.3 acres	26.79% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	3559.4 acres	11.76% of Watershed
No Aquifer:	4829.5 acres	15.96% of Watershed

		4
ROADWAY MILES		
Interstate Highways and Ramps:	28.4 miles	
U.S. Highways:	2 miles	
State Routes:	22.4 miles	
County Roads:	51.8 miles	

<u>POLITICAL JURISDICTIONS IN WATERSHED</u> Counties: Butler, Hamilton

Townships: Fairfield, Liberty, West Chester

1 Miles

0.5

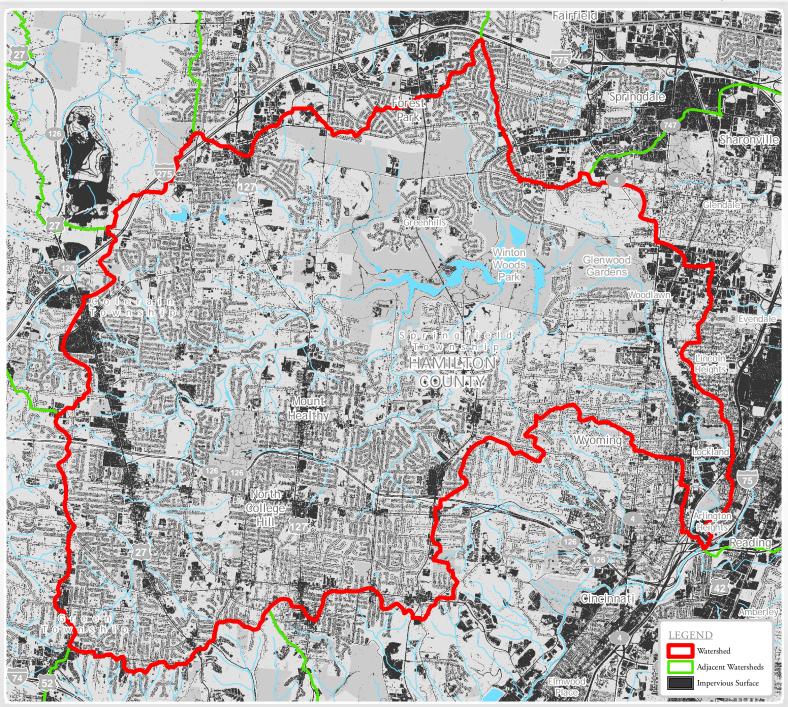
Cities: Fairfield, Forest Park, Hamilton, Sharonville, Springdale Villages:





WEST FORK MILL CREEK Watershed

HUC 12: 050902030102



ERODIBLE SOIL ACREAGES

Highly Erodible:	1058.5 acres	4.57% of Watershed
Not Highly Erodible:	1011.7 acres	4.37% of Watershed
Potentially Erodible:	3615.5 acres	15.6% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	4986.3 acres	21.51% of Watershed
Moderate (10%-20% slope):	620 acres	2.68% of Watershed
Severe (more than 20% slope):	184.6 acres	0.8% of Watershed
RIPARIAN CORRIDOR ACREAG	<u>ES</u>	
In Riparian Corridor:	250.9 acres	1.08% of Watershed
Outside Riparian Corridor:	5540 acres	23.9% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	507.2 acres	2.19% of Watershed
No Aquifer:	5283.7 acres	22.8% of Watershed
-		

ROADWAY MILES	
Interstate Highways and Ramps:	7.1 miles
U.S. Highways:	10.2 miles
State Routes:	12.7 miles
County Roads:	78.4 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Hamilton

Townships: Colerain, Green, Springfield

Cities: Cincinnati, Forest Park, Mount Healthy, North College Hill, Springdale, Wyoming

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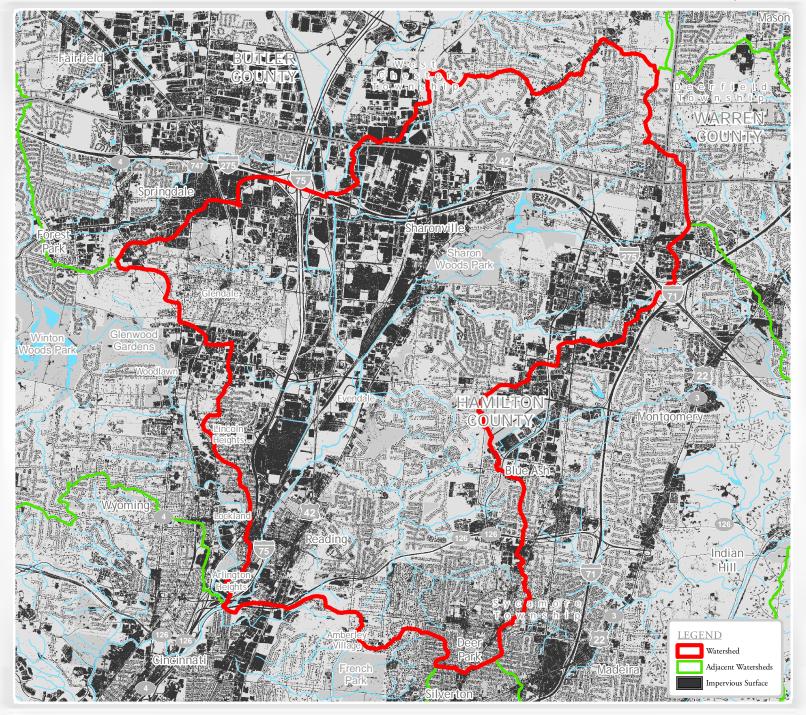
Villages: Arlington Heights, Glendale, Green Hills, Lincoln Heights, Lockland, Woodlawn



SHARON CREEK-MILL CREEK Watershed

HUC 12: 050902030103

36.9% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	1070.1 acres	5.26% of Watershed	
Not Highly Erodible:	1941.1 acres	9.54% of Watershed	
Potentially Erodible:	2906.4 acres	14.28% of Watershed	
SLOPE CLASS ACREAGES			
Slight (0%-10% slope):	6514.8 acres	32.01% of Watershed	
Moderate (10%-20% slope):	700.2 acres	3.44% of Watershed	
Severe (more than 20% slope):	291.2 acres	1.43% of Watershed	
RIPARIAN CORRIDOR ACREAGES			
In Riparian Corridor:	300.9 acres	1.48% of Watershed	
Outside Riparian Corridor:	7205 acres	35.4% of Watershed	
AOUIFER AREA ACREAGES			
	3078.5 acres	15.12% of Watershed	
No Aquifer:	4427.6 acres	21.75% of Watershed	
Moderate (10%-20% slope): Severe (more than 20% slope): <u>RIPARIAN CORRIDOR ACREAGE</u> In Riparian Corridor: Outside Riparian Corridor: <u>AQUIFER AREA ACREAGES</u> Above Aquifer:	291.2 acres 300.9 acres 7205 acres 3078.5 acres	3.44% of Watershed1.43% of Watershed1.48% of Watershed35.4% of Watershed15.12% of Watershed	

ROADWAY MILES	
Interstate Highways and Ramps:	40.5 miles
U.S. Highways:	7.9 miles
State Routes:	9.1 miles
County Roads:	50 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Butler, Hamilton, Warren

Townships: Deerfield, Springfield, Sycamore, West Chester Cities: Blue Ash, Cincinnati, Deer Park, Montgomery, Reading, Sharonville, Silverton, Springdale

Villages: Amberly Village, Arlington Heights, Evandale, Glendale, Lincoln Heights, Lockland, Woodlawn

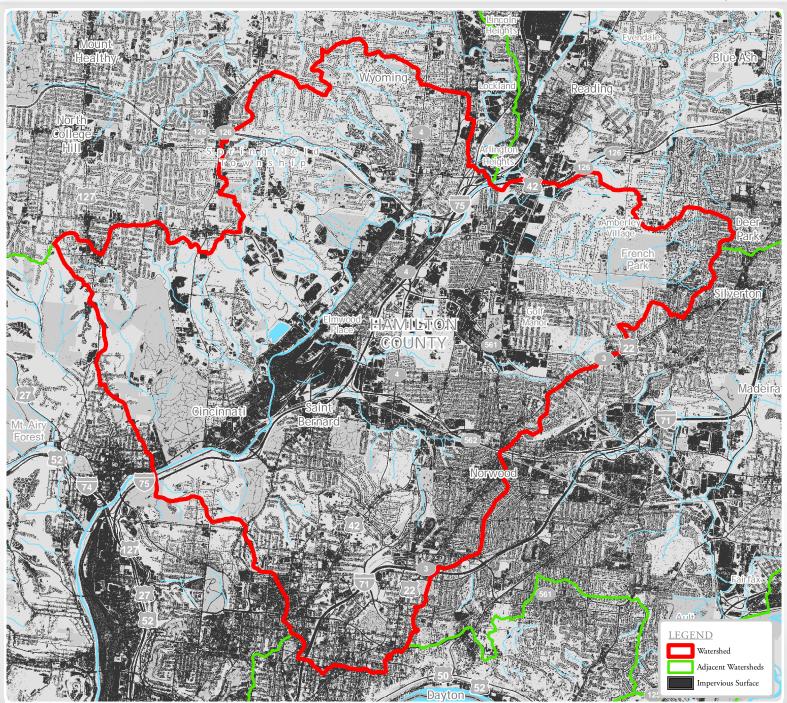
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CONGRESS RUN-MILL CREEK Watershed

HUC 12: 050902030104

35.6% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	1520.2	7.000/ of W/standard
	1530.3 acres	7.98% of Watershed
Not Highly Erodible:	889.3 acres	4.64% of Watershed
Potentially Erodible:	2020.6 acres	10.54% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	5595.2 acres	29.18% of Watershed
Moderate (10%-20% slope):	838.4 acres	4.37% of Watershed
Severe (more than 20% slope):	399.6 acres	2.08% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	293.6 acres	1.53% of Watershed
Outside Riparian Corridor:	6539.4 acres	34.1% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	3542.6 acres	18.48% of Watershed
No Aquifer:	3290.6 acres	17.16% of Watershed

ROADWAY MILES		BUTLER
Interstate Highways and Ramps:	27.6 miles	
U.S. Highways:	12 miles	HAMILTON
State Routes:	19.9 miles	
County Roads:	42.8 miles	

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POLITICAL JURISDICTIONS IN WATERSHED Counties: Hamilton

Townships: Columbia, Springfield, Sycamore

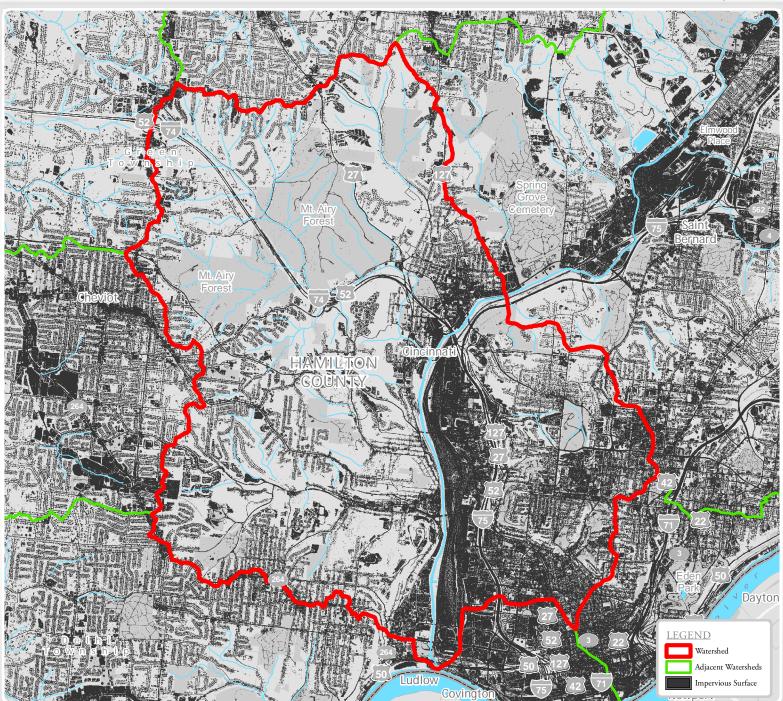
Cities: Cincinatti, Deer Park, Norwood, Reading, St. Bernard,

Silverton, Wyoming Villages: Amerley Village, Arlington Heights, Elmwood Place, Golf Manor, Lockland



WEST FORK-MILL CREEK Watershed

HUC 12: 050902030105



ERODIBLE SOIL ACREAGES

Highly Erodible:	2093.5 acres	13.85% of Watershed
Not Highly Erodible:	17.2 acres	0.11% of Watershed
Potentially Erodible:	965 acres	6.38% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	3832.5 acres	25.35% of Watershed
Moderate (10%-20% slope):	791.6 acres	5.24% of Watershed
Severe (more than 20% slope):	445.3 acres	2.95% of Watershed
RIPARIAN CORRIDOR ACREAG	ES	
In Riparian Corridor:	117.7 acres	0.78% of Watershed
Outside Riparian Corridor:	4951.6 acres	32.76% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	1935.3 acres	12.8% of Watershed
No Aquifer:	3134.2 acres	20.73% of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	24.9 miles
U.S. Highways:	9.8 miles
State Routes:	2.4 miles
County Roads:	56.2 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Hamilton Townships: Green Cities: Cheviot, Cincinnati Villages:

0.5

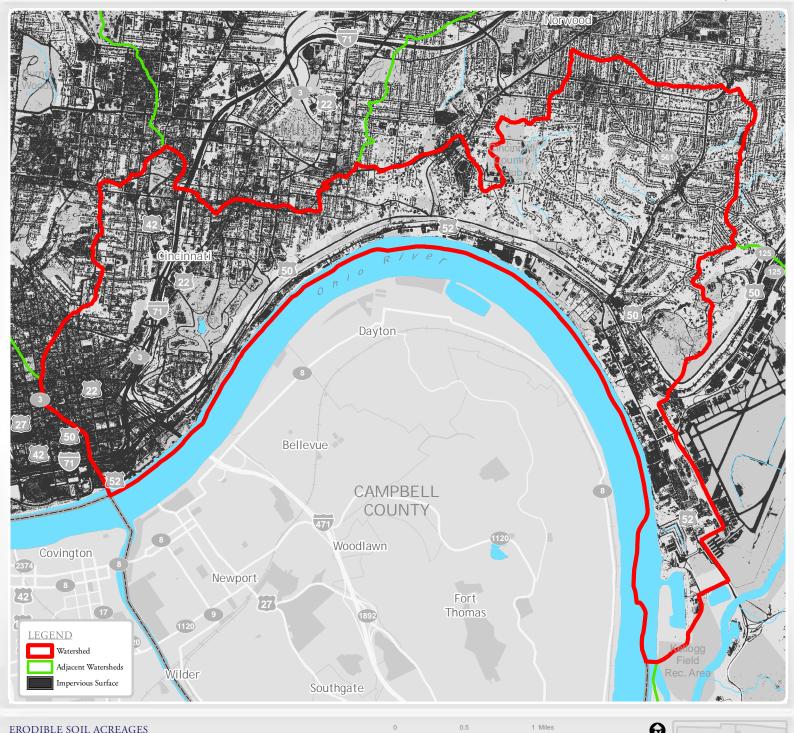
BUTLER WARREN



TOWN OF NEWPORT-OHIO RIVER Watershed

HUC 12: 050902030201

43% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	882.7 acres	18.42% of Watershed
Not Highly Erodible:	32.3 acres	0.67% of Watershed
Potentially Erodible:	430.4 acres	8.98% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	1417.1 acres	29.57% of Watershed
Moderate (10%-20% slope):	361.7 acres	7.55% of Watershed
Severe (more than 20% slope):	280.6 acres	5.86% of Watershed
RIPARIAN CORRIDOR ACREAGE	<u>ES</u>	
In Riparian Corridor:	11.4 acres	0.24% of Watershed
Outside Riparian Corridor:	2048 acres	42.74% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	645.9 acres	13.48% of Watershed
No Aquifer:	1413.3 acres	29.49% of Watershed

ROADWAY MILES	
nterstate Highways and Ramps:	
U.S. Highways:	
State Routes:	
County Roads:	
Jounty Roads.	

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Hamilton Townships: Cities: Cincinnati Villages:

 Θ WARREN 1.8 miles

14.4 miles 18.3 miles

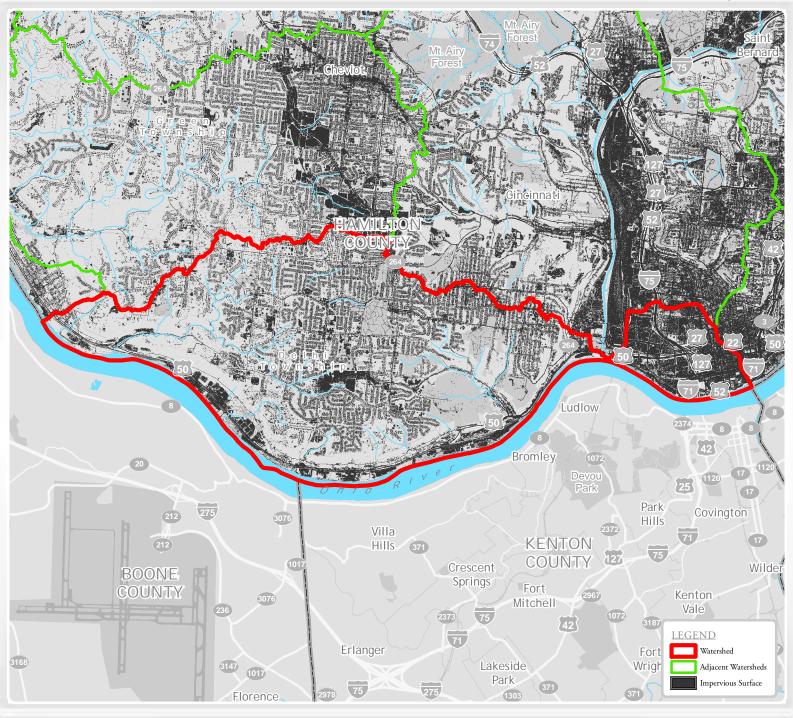
10.3 miles



DRY CREEK-OHIO RIVER Watershed

HUC 12: 050902030202

34.1% Impervious



ERODIBLE SOIL ACREAGES

Highly Erodible:	1220.7 acres	11.02% of Watershed
Not Highly Erodible:	12.4 acres	0.11% of Watershed
Potentially Erodible:	1098.3 acres	9.92% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2846.6 acres	25.7% of Watershed
Moderate (10%-20% slope):	611.1 acres	5.52% of Watershed
Severe (more than 20% slope):	313.7 acres	2.83% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	84.8 acres	0.77% of Watershed
Outside Riparian Corridor:	3686.7 acres	33.29% of Watershed
AOUIFER AREA ACREAGES		
Above Aquifer:	876.9 acres	7.92% of Watershed
No Aquifer:	2894 acres	26.13% of Watershed
1		

ROADWAY MILES	
Interstate Highways and Ramps:	
U.S. Highways:	
State Routes:	
County Roads:	

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED

Counties: Hamilton Townships: Delhi, Green Cities: Cincinnati Villages:

0.5

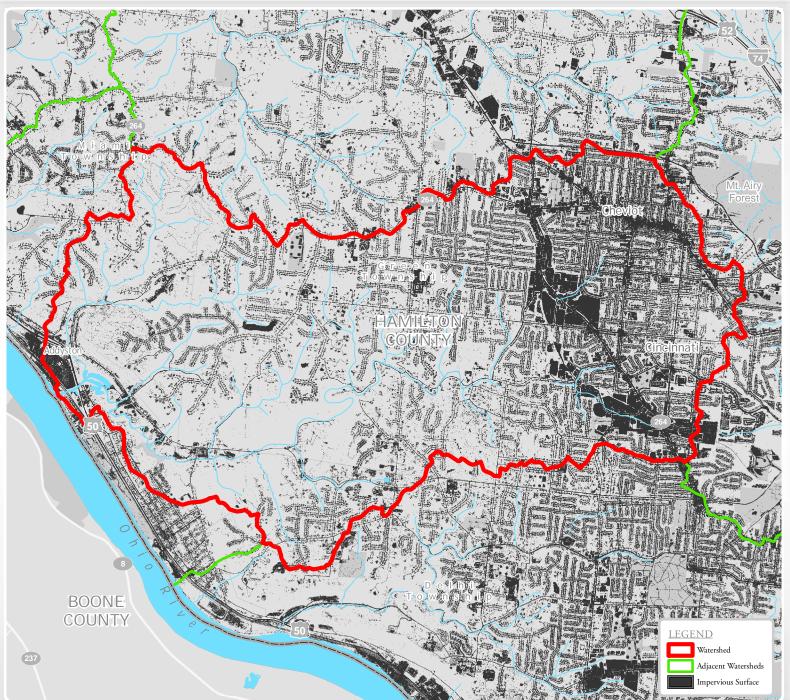


13 miles 17.3 miles 1.4 miles 47.7 miles



MUDDY CREEK Watershed

HUC 12: 050902030203



ERODIBLE SOIL ACREAGES

Highly Erodible:	1166.4 acres	10.98% of Watershed
Not Highly Erodible:	31.7 acres	0.3% of Watershed
Potentially Erodible:	1550 acres	14.6% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	2208.4 acres	20.79% of Watershed
Moderate (10%-20% slope):	484.9 acres	4.57% of Watershed
Severe (more than 20% slope):	192 acres	1.81% of Watershed
RIPARIAN CORRIDOR ACREAGE	ES	
In Riparian Corridor:	104.2 acres	0.98% of Watershed
Outside Riparian Corridor:	2781.1 acres	26.19% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	2885.3 acres	

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	0.9 miles
State Routes:	5.4 miles
County Roads:	41.8 miles

0.5

POLITICAL JURISDICTIONS IN WATERSHED Counties: Hamilton

1 Miles

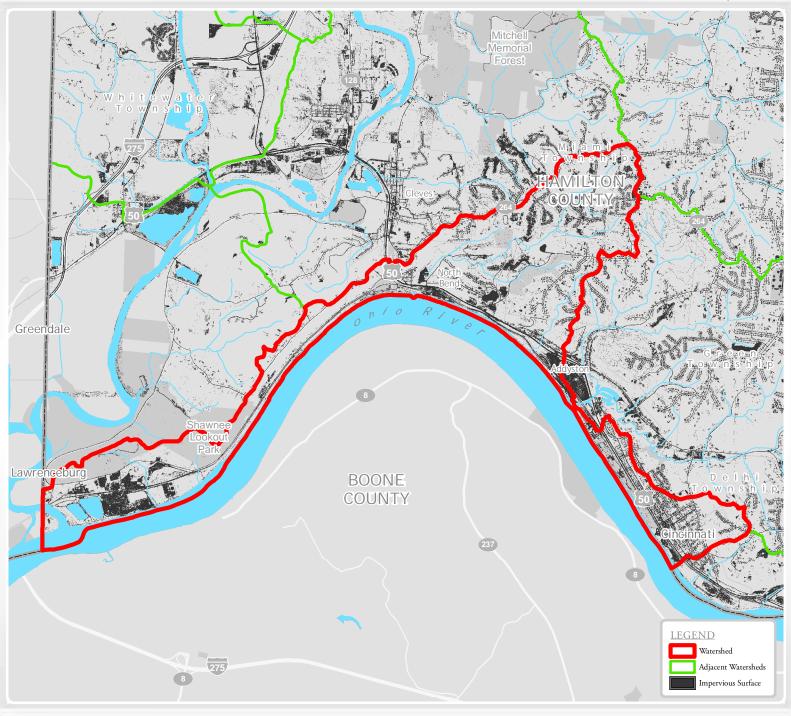
Townships: Delhi, Green, Miami Cities: Cheviot, Cincinnati Villages: Addyston





GARRISON CREEK-OHIO RIVER Watershed

HUC 12: 050902030204



ERODIBLE SOIL ACREAGES

Highly Erodible:	254.2 acres	6.1% of Watershed
Not Highly Erodible:	10.1 acres	0.24% of Watershed
Potentially Erodible:	143.2 acres	3.44% of Watershed
SLOPE CLASS ACREAGES		
Slight (0%-10% slope):	590.9 acres	14.17% of Watershed
Moderate (10%-20% slope):	148.3 acres	3.56% of Watershed
Severe (more than 20% slope):	102.6 acres	2.46% of Watershed
RIPARIAN CORRIDOR ACREAGES	2	
In Riparian Corridor:	18.4 acres	0.44% of Watershed
Outside Riparian Corridor:	823.4 acres	19.75% of Watershed
AQUIFER AREA ACREAGES		
Above Aquifer:	0 acres	0% of Watershed
No Aquifer:	841.7 acres	20.19% of Watershed
i to riquiter.	011.7 acres	20.1970 Of Watershed

ROADWAY MILES	
Interstate Highways and Ramps:	0 miles
U.S. Highways:	4 miles
State Routes:	1.8 miles
County Roads:	9.7 miles

1 Miles

POLITICAL JURISDICTIONS IN WATERSHED Counties: Hamilton

Townships: Delhi, Miami Cities: Cincinnati Villages: Addyston, Cleves, North Bend BUTLER WARREN

