

**3745-1-22 Chagrin river drainage basin.**

- (A) The water bodies listed in table 22-1 of this rule are ordered from downstream to upstream. Tributaries of a water body are indented. The aquatic life habitat, water supply and recreation use designations are defined in rule 3745-1-07 of the Administrative Code. The state resource water use designation is defined in rule 3745-1-05 of the Administrative Code. The most stringent criteria associated with any one of the use designations assigned to a water body will apply to that water body.
- (B) Figure 1 of the appendix to this rule is a generalized map of the Chagrin river drainage basin. A generalized map of Ohio outlining the twenty-three major drainage basins and listing associated rule numbers in Chapter 3745-1 of the Administrative Code is in figure 1 of the appendix to rule 3745-1-08 of the Administrative Code.
- (C) RM, as used in this rule, stands for river mile and refers to the method used by the Ohio environmental protection agency to identify locations along a water body. Mileage is defined as the lineal distance from the downstream terminus (i.e., mouth) and moving in an upstream direction.
- (D) The following symbols are used throughout this rule:
- \* Designated use based on the 1978 water quality standards;
  - + Designated use based on the results of a biological field assessment performed by the Ohio environmental protection agency;
  - o Designated use based on justification other than the results of a biological field assessment performed by the Ohio environmental protection agency; and
  - ~~L — An L in the warmwater habitat column signifies that the water body segment is designated limited warmwater habitat.~~

Table 22-1. Use designations for water bodies in the Chagrin river drainage basin.

Water Body Segment	Use Designations												Comments	
	Aquatic Life Habitat						Water Supply			Recreation				
	S R W	W W H	E W H	M W H	S S H	C W H	L R W	P W S	A W S	I W S	B W	P C R		S C R
Chagrin river - Chagrin falls (RM 29.65) to the mouth		+			+				+	+			+	
- at RM 4.9		+						+	+	+			+	PWS intake - Willoughby (formerly)
- all other segments		+							+	+			+	
Corporation creek (Chagrin river RM 0.27)		+			+				+	+			+	
Ward creek (Chagrin river RM 1.0)		+			+				+	+			+	
East branch and tributaries not identified below							+		+	+			+	
Quarry creek (East branch RM 1.85)				+			+		+	+			+	
Stoney brook (East branch RM 3.57)							+		+	+			+	
Pierson creek (East branch RM 6.73)				+			+		+	+			+	
<u>Unnamed tributary (Pierson creek RM 0.77)</u>							±		±	±			±	
<u>Unnamed tributary (Pierson creek RM 1.59)</u>							±		±	±			±	
Baldwin creek (East branch RM 7.06)							+		+	+			+	
Unnamed tributary (East branch RM 10.13)				+			+		+	+			+	
Mt. Glen tributary (unnamed tributary RM 0.87)							+		+	+			+	
Stebbins gulch (East branch RM 10.60)							+		+	+			+	
Harris creek (East branch RM 14.62)							+		+	+			+	
Unnamed tributary (East branch RM 14.80)							+		+	+			+	
Unnamed tributary (East branch RM 15.35)				+			+		+	+			+	

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	S R W	W W H	E W H	M W H	S S H	C W H	L R W	P W S	A W S	I W S	B W	P C R	
 Unnamed tributary (East branch RM 16.20) Unnamed tributary (Unnamed tributary RM 1.11) Gully brook (Chagrin river RM 5.54) Caves creek (Chagrin river RM 11.52) Buttermilk creek (Chagrin river RM 12.69) Beechers brook Unnamed tributary (Chagrin river RM 14.88) Unnamed tributary (Chagrin river RM 15.42) Unnamed tributary (Chagrin river RM 15.44) Pepper-Luce creek (Chagrin river RM 22.81) Unnamed tributary (Pepper-Luce creek RM 2.17) Griswold creek Unnamed tributary (Chagrin river RM 23.93) Willey creek Sulphur springs brook (Chagrin river RM 26.68) Aurora branch - headwaters to Smith creek (RM 8.98) - Smith creek to McFarland creek (RM 3.73) - McFarland creek to RM 0.38 - RM 0.38 to the mouth			+			+			+	+		+	
						±			±	±		±	
		+			o				+	+		+	
						+			+	+		+	
		o			o				o	o		o	
		+			o				+	+		+	
						+			+	+		+	
		o			o				o	o		o	
		+							+	+		+	
	*					+			+	+		+	
		o							o	o		o	
	*					+			+	+		+	
						+			+	+		+	
		+							+	+		+	
						+			+	+		+	
		+							+	+		+	
		+			o				+	+		+	

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Water Body Segment	Use Designations												Comments
	S R W	Aquatic Life Habitat					Water Supply			Recreation			
		W H	E W H	M W H	S S H	C W H	L R W	P W S	A W S	I W S	B W	P C R	
<p> <u>Unnamed tributary (Aurora branch RM 1.92)</u>                      McFarland creek                          North Branch                      Linton creek                      Smith creek (Aurora branch RM 8.98)                          <u>Unnamed tributary (Smith creek RM 2.70)</u>  <u>Harmon run</u><del>Sunny lake tributary</del> (Aurora branch RM 14.61)                      Silver creek                          Affelder tributary (Silver creek RM 2.23)                          South branch (Silver creek RM 2.62)  <u>Unnamed tributary (Silver creek RM 3.23)</u>                      Pebble brook (Silver creek RM 3.50)  <u>Unnamed tributary (Silver creek RM 4.0)</u>                      Hrabak tributary (Silver creek RM 4.54)                          Pettibone tributary (Silver creek RM 4.58)                      Marsh hawk run (Chagrin river RM 38.32)                      Leech tributary (Chagrin river RM 41.53)                      Dewdale creek (Chagrin river RM 42.55)                 </p>		o						o	o		o		
	*		+					+	+		+		
						+		+	+		+		
					+			+	+		+		
					+			+	+		+		
		+						+	+		+		
					±			±	±		±		
					±			±	±		±		
					±			±	±		±		
					o			o	o		o		
					+			+	+		+		
		+						+	+		+		
					+			+	+		+		
					+			+	+		+		

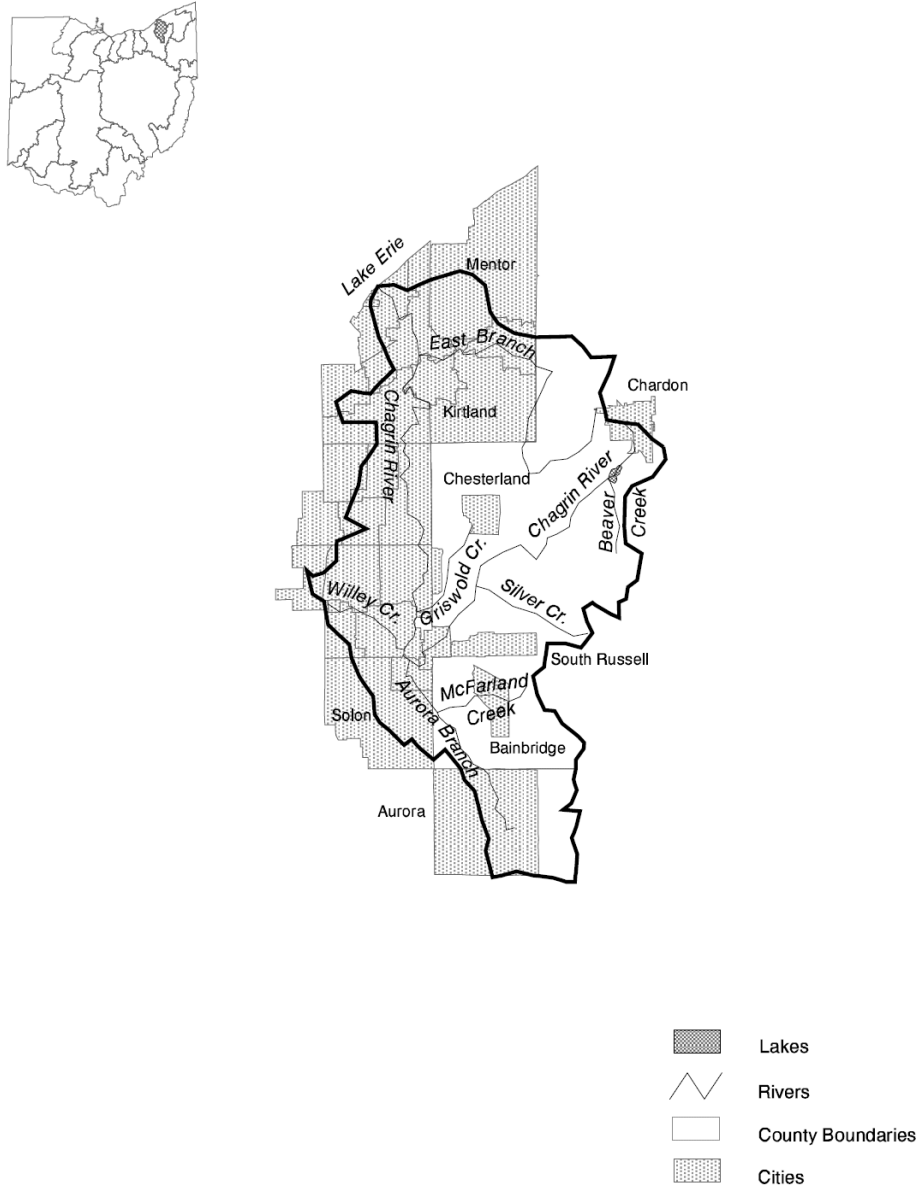
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	S R W	Aquatic Life Habitat					Water Supply			Recreation			
		W H	E W H	M W H	S S H	C W H	L R W	P W S	A W S	I W S	B W	P C R	
 Unnamed tributary (Dewdale creek RM 0.31) Unnamed tributary (Dewdale creek RM 0.5) Ecklund tributary (Chagrin river RM 46.20) Beaver creek - U.S. rte. 322 (RM 1.26) to the mouth - all other segments <u>Unnamed tributary (Chagrin river RM 44.61)</u> Spring brook (Chagrin river RM 47.65) Woodie brook (Chagrin river RM 48.30)					o			o	o		o		
					o			o	o		o		
					+			+	+		+		
	*	o						+	+		+		
	*				+			+	+		+		
					±			±	±		±		
					+			+	+		+		
					+			+	+		+		

SRW = state resource water; WWH = warmwater habitat; EWH = exceptional warmwater habitat; MWH = modified warmwater habitat; SSH = seasonal salmonid habitat; CWH = coldwater habitat; LRW = limited resource water; PWS = public water supply; AWS = agricultural water supply; IWS = industrial water supply; BW = bathing water; PCR = primary contact recreation; SCR = secondary contact recreation.

### Appendix

Figure 1. Chagrin river drainage basin.



Effective: 4/23/2008

R.C. 119.032 rule review dates: 5/28/2015 and 5/28/2020

Promulgated Under: R.C. 119.03

Statutory Authority: R.C. 6111.041

Rule Amplifies: R.C. 6111.041

Prior Effective Dates: 4/4/1985, 8/19/1985, 4/5/1990, 9/30/1993, 7/31/1998, 7/21/2002, 4/1/2007

Effective:

Five Year Review (FYR) Dates: 9/6/2022

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Certification

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Date

Promulgated Under: 119.03  
Statutory Authority: 6111.041  
Rule Amplifies: 6111.041  
Prior Effective Dates: 04/04/1985, 08/19/1985, 04/05/1990, 09/30/1993,  
07/31/1998, 07/21/2002, 04/01/2007, 04/23/2008