

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.
  
- (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	
Chagrin river - Chagrin falls (RM 29.65) to the mouth		+			+			+	+			+	
- at RM 4.9		+						+	+	+		+	
- 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)			+			+		+	+			+	
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)			+			+		+	+			+	
Unnamed tributary (East branch RM 16.20)			+			+		+	+			+	
Gully brook (Chagrin river RM 5.54)		+			o			+	+			+	

PWS intake - Willoughby (formerly)

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	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	
Caves creek (Chagrin river RM 11.52)						+		+	+		+		
Unnamed tributary (Chagrin river RM 14.88)		+						+	+		+		
Unnamed tributary (Chagrin river RM 15.42)						+		+	+		+		
Pepper-Luce creek (Chagrin river RM 22.81)		+						+	+		+		
Unnamed tributary (Pepper-Luce creek RM 2.17)		+						+	+		+		
Griswold creek	*					+		+	+		+		
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			+	+		+		
McFarland creek	*		+					+	+		+		
North Branch						+		+	+		+		
Linton creek						+		+	+		+		
Smith creek (Aurora branch RM 8.98)						+		+	+		+		
Unnamed tributary (Smith creek RM 2.70)						+		+	+		+		
Sunny lake tributary (Aurora branch RM 14.61)		+						+	+		+		

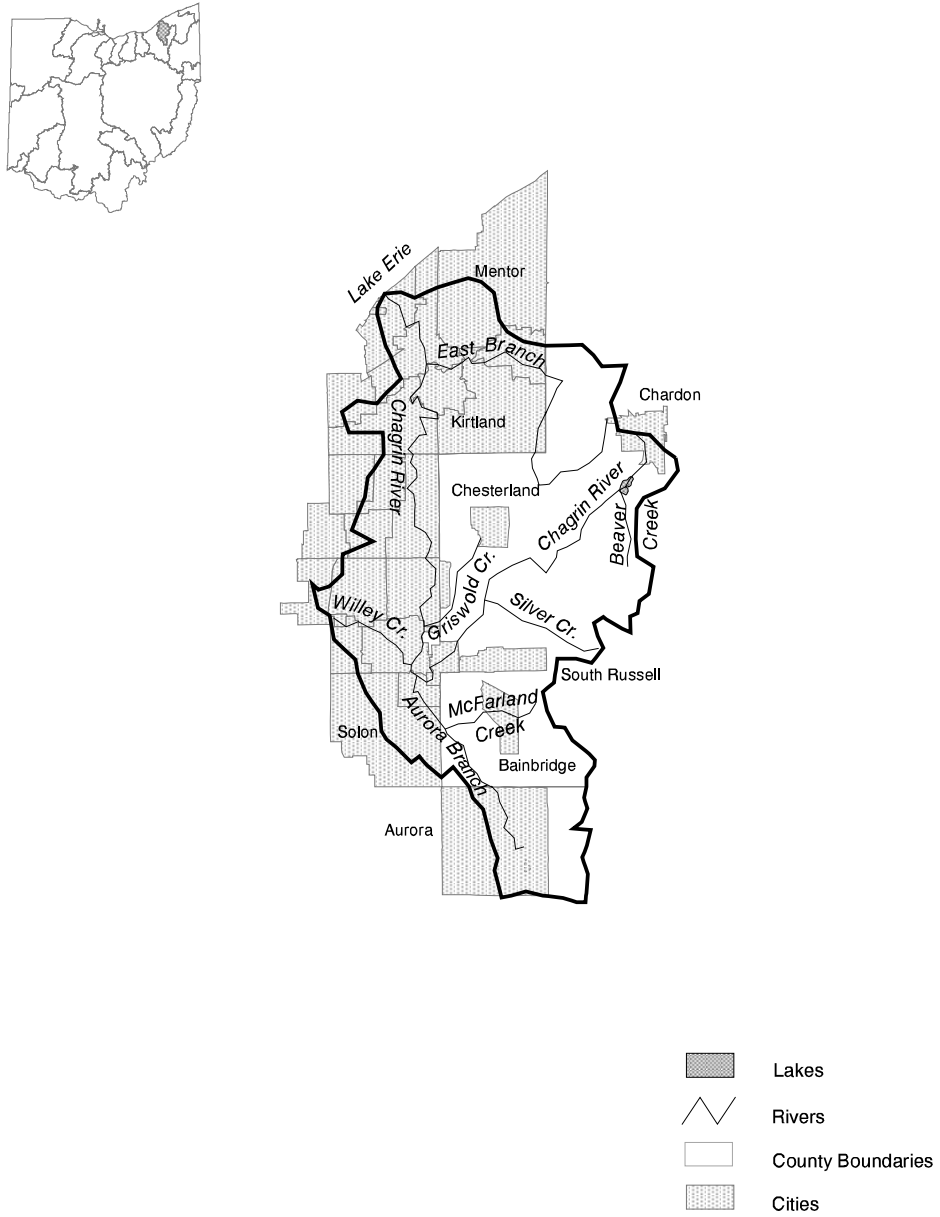
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Water Body Segment	Use Designations												Comments
	S R W	Aquatic Life Habitat					Water Supply			Recreation			
		W H	E W H	M W H	S S H	C W H	L R W	P W S	A W S	I W S	B W	P C R	
Silver creek	*					+		+	+			+	
Affelder tributary (Silver creek RM 2.23)						+		+	+			+	
South branch (Silver creek RM 2.62)		+						+	+			+	
Pebble brook (Silver creek RM 3.50)						o		o	o			o	
Hrabak tributary (Silver creek RM 4.54)						o		o	o			o	
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)						+		+	+			+	
Unnamed tributary (Dewdale creek RM 0.31)						o		o	o			o	
Unnamed tributary (Dewdale creek RM 0.5)						o		o	o			o	
Ecklund tributary (Chagrin river RM 46.20)						+		+	+			+	
Beaver creek - U.S. rte. 322 (RM 1.26) to the mouth	*	o						+	+			+	
- all other segments	*					+		+	+			+	
Spring brook (Chagrin river RM 47.65)						+		+	+			+	
Woodie brook (Chagrin river RM 48.30)						+		+	+			+	

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.



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R.C. 119.032 rule review date: 4/23/2013

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