



## Draft Rules – Beneficial Use Designations

### *Water Quality Standards Use Designations (OAC Chapter 3745-1)*

#### **What does OAC Chapter 3745-1 cover?**

Ohio Administrative Code (OAC) Chapter 3745-1 contains Ohio's standards for water quality. Water quality standards are state regulations or rules that protect lakes, rivers, streams and other surface water bodies from pollution. These rules contain: beneficial use designations such as warmwater aquatic life habitat, public water supply and primary contact recreation; numeric levels and narrative statements (water quality criteria) protective of the beneficial use designations; and procedures for applying the water quality criteria to wastewater discharges. This rulemaking involves water body beneficial use designations.

#### **What are beneficial use designations?**

A goal of the Clean Water Act is to achieve fishable and swimmable conditions in water bodies, wherever attainable. The fishable and swimmable goals equate to the warmwater habitat (WWH) and primary contact recreation (PCR) use designations in Chapter 3745-1 of the OAC. The use designations are defined in rule 3745-1-07 of the OAC and are briefly discussed below. The water quality criteria and values protective of the designated uses are found within Chapter 3745-1 of the OAC.

Beneficial use designations are the water quality goals for lakes, rivers, streams and other water bodies. Designations include such uses as aquatic life habitats (warmwater, coldwater, etc.), recreation (bathing waters, primary contact, secondary contact) and water supplies (public, agricultural, industrial).

Beneficial use designations are assigned to specific water bodies in Chapter 3745-1 of the OAC. Each of the 23 major drainage basins or watersheds in the state is assigned a rule in Chapter 3745-1. Specific water quality criteria are associated with each beneficial use and are the minimum specific target conditions to be maintained in the water bodies. Together the uses and criteria may be the basis for permit limits in wastewater discharge permits and conditions in Section 401 water quality certifications. Changes to designated uses are adopted as water quality standard rule revisions.

#### **Which water quality standards rules are under review at this time?**

This rulemaking includes review of beneficial use designation rules for the Maumee River (3745-1-11), Sandusky River (3745-1-12), Great Miami River (3745-1-21), Portage River (3745-1-23), and Muskingum (3745-1-24) watersheds.

#### **Will use designation changes made in watersheds in the Western Lake Erie basin affect efforts to reduce nutrient pollution?**

No. The narrative water quality criteria that are the basis of any regulatory actions (NPDES permits, TMDLS) are not part of this rulemaking and those criteria apply to all waters regardless of the assigned use designation in the rules currently under review.

#### **What types of changes are being considered?**

State law and the federal Clean Water Act require Ohio EPA to periodically update rules to reflect the latest scientific information. The Agency has evaluated information regarding beneficial use designations for the eight drainage basins listed above. Three broad types of changes are being considered:

- 1) Changing beneficial use designations for specific water bodies;
- 2) Adding water bodies that are currently undesignated to the rules; and
- 3) Verifying existing beneficial use designations already listed in the rules.

# Draft Rules – Beneficial Use Designations

## July 2016

Changes, additions and verifications of existing beneficial use designations are based upon the findings of biological, habitat, and water quality surveys. Other available pertinent information is also consulted, including information and comments from interested persons. The paragraphs below explain the changes in more detail.

### Aquatic Life Use Designation Changes

The current aquatic life habitat use designations for 152 stream segments are under consideration for revision. Some of the revisions are highlighted below. The draft revisions are summarized by drainage basin in Table 1, while specific details are listed in Table 2. Supporting documents containing data and information to support the recommended revisions are available on the Division of Surface Water web page at:

<http://www.epa.ohio.gov/dsw/dswrules.aspx#120473213-interested-party-review>.

- Twenty-five waterbodies within the lower Muskingum River drainage basin and four water body segments of tributaries within the Great Miami River basin currently designated Exceptional Warmwater Habitat (EWH) are under consideration for redesignation to WWH based on the biological assessment that was conducted revealing the presence of a WWH community. Most of these water bodies were designated EWH as part of the original designations assigned to water bodies in the State, before the development of Ohio's biological assessment program and biological criteria. While the vast majority of original designations made in the 1970s and early 1980s was for the WWH use designation, a number of streams were assigned either the EWH or the Coldwater Habitat (CWH) designation. The reassignment of the aquatic life habitat use designation to these water bodies, while at first glance may appear to be a "downgrade" actually represents the first scientific assessment of these streams. Most of these streams are small and located in the sparsely populated rural hills of southeastern Ohio.
- Thirteen water bodies currently designated WWH were found to fully attain the EWH biocriteria and thus are under consideration to be redesignated the EWH aquatic life habitat use designation.
- Eight water bodies currently designated WWH are under consideration for redesignation to CWH. Surveys of the biological communities within these streams demonstrated the presence of both cold water adapted fish and benthic macroinvertebrates. In addition, twelve water bodies currently designated EWH are under consideration for redesignation from EWH to CWH because while these streams did not attain the EWH biocriteria, they were found to possess coldwater adapted fish and macroinvertebrates. Five water bodies currently designated EWH were found to fully attain the EWH biocriteria, thus affirming the EWH designation and are also recommended to be designated CWH due to the presence of both coldwater fish and macroinvertebrates.
- Fifty water bodies currently designated WWH are under consideration to be redesignated Modified Warmwater Habitat (MWH). Most of these water bodies (44) are located in northwest Ohio and are heavily channelized to maintain drainage to accommodate row crop agriculture and as a result, the habitat quality is insufficient to support a WWH biological community. These water bodies lack functional pools and riffles, have minimal to no riparian corridors, have poor substrate quality, and lack stream energy (flow) due to very low gradient. In addition, one water body and portions of four additional water bodies within the Sandusky River drainage basin currently designated WWH are under consideration to be redesignated Limited Resource Water (LRW) due to degraded habitat conditions associated with small drainageway maintenance activities. Biological surveys of these streams/stream segments had not previously been conducted.
- A 20.4 mile stretch of the Auglaize River is recommended for redesignation to MWH-I (impounded) to account for the riverine impoundment resulting from the Defiance Power Dam located at river mile 5.8 on the Auglaize River in Defiance County. While previously considered an inland reservoir, resumption of power generation at the EGS facility at the dam has reduced reservoir retention time considerably such that this stretch of the river ecologically functions as an impounded stream rather than a run-of-river reservoir. The free-flowing conditions in the rest of the river support a WWH community. Small segments of two other water bodies are also under consideration for redesignation from WWH to MWH due to impounded conditions.

Nineteen water bodies currently designated Limited Warmwater Habitat (LWH) are under consideration for redesignation to WWH. Biological assessments of these water bodies were conducted for the first time and found to support or have the potential to fully support the WWH designation. Biological assessments conducted of five additional water bodies currently designated LWH were found not to support, or have the potential to support, the WWH use due to pervasive impacts associated with historic coal mining. These five streams are being considered for the MWH use (mine affected) or limited resource water (acid mine drainage).

# Draft Rules – Beneficial Use Designations

## July 2016

### Recreational Use Designation Changes

Most water bodies in the state are designated Primary Contact Recreation (PCR), defined as suitable for full-body contact recreation. The PCR designation represents the “swimmable” goals of the Clean Water Act. Some water bodies are designated Secondary Contact Recreation (SCR), defined as suitable for partial body contact. The determination of whether a water body should be designated PCR or SCR is based on a suite of factors such as the size of the water body, accessibility, and potential for use by children. The only numeric water quality criteria applicable to the recreational use designations are for *E. coli* bacteria.

As part of the 5-year basin biological survey cycle, Ohio EPA field staff occasionally sample streams that are in fact too small and too isolated to support the PCR use. In these cases, a recommendation is made to redesignate the water body SCR to reflect the recreational potential based upon field observations and data gathered during the stream survey.

In this rulemaking, forty-eight currently undesignated water bodies are recommended for PCR based upon field observations of the water body and consideration of the factors mentioned above. There are no water bodies are under consideration to be designated SCR.

### Designations Specifically Assigned for the First Time

Only about one-third of surface water bodies in the state are listed in the water quality standards rules. Those water bodies that are not listed are generally small, unnamed tributaries. As these unlisted water bodies are surveyed and appropriate use designations are determined, they are added to the rules.

With the exception of the biological criteria, the water quality criteria applicable to water bodies that are not specifically listed in the rules are the same as those criteria associated with the WWH use designation.

Twenty-six currently undesignated water body segments are under consideration to be designated WWH, and seven currently undesignated water bodies are under consideration to be designated EWH (four of these would also carry the CWH designation). The specific designation of these water bodies will result in use-specific chemical criteria and biological criteria.

Fifteen undesignated water bodies in the Maumee and Sandusky watershed are being considered for a MWH use designation as a result of extensive habitat modification resulting from agricultural drainage maintenance, the continuation of which precludes attainment of the WWH goals. The designation of MWH will result in less stringent biological criteria and less stringent chemical criteria for ammonia and dissolved oxygen.

All forty-eight of the water body segments under consideration to be designated an aquatic life use for the first time, as described above, are also under consideration to be designated PCR. The recreational water quality criteria applicable to water bodies that are not specifically listed in rules are the same as those criteria associated with the PCR use designation.

The Agricultural Water Supply (AWS) and Industrial Water Supply (IWS) use designations are also being considered for the forty-eight water bodies that are under consideration to be designated an aquatic life use for the first time as described above.

The AWS use designation is for the prevention of adverse effects occurring from use of surface waters to irrigate crops or to water livestock. There are AWS water quality criteria for fourteen chemicals, mostly heavy metals. The designation of water bodies as AWS will result in the application of those water quality criteria.

A modification to the AWS designation that currently applies to the lower 4.15 miles of Dicks Creek in Middletown is under consideration. This modification is based upon a [study and information](#) provided by the AK Steel Corporation documenting that this segment of the stream is not currently used for livestock watering and has not been subject to this use since at least 1975. This revision would result in a change to the applicable fluoride criterion from 2 mg/l to 15 mg/l, which remains protective of the irrigation component of the AWS designation that will be maintained. In addition, numeric chemical criteria to protect aquatic life, human health and recreational uses will be maintained.

The IWS use designation is for the protection against adverse effects of the water on industrial processes. There are no specific IWS water quality criteria. Therefore, the designation of water bodies as IWS will not result in any changes to applicable water quality criteria.

# Draft Rules – Beneficial Use Designations

## July 2016

### Verification of Existing Use Designations

As part of the stream survey process, the use designations identified in the water quality standards rules for many water bodies are verified to be correct. In this rulemaking, verifications of existing designated uses (typically WWH, AWS, IWS and PCR uses) are recommended for 293 water bodies. For these water bodies, the symbols identifying the use designations in the water quality standards rules will change from asterisks to plus signs to indicate that they are based on the results of stream surveys.

A list of stream designations recommended for verification is in Table 3 at the end of this fact sheet. Verifying stream designations does not result in any changes to applicable water quality criteria.

### **Where does the new information come from?**

The new information supporting the changes under consideration comes from water body surveys. Ohio EPA has an ongoing 5-year basin monitoring schedule that rotates monitoring efforts across the state. The monitoring program consists of surveying the chemical, physical and biological characteristics of selected water bodies throughout the state each year, following the 5-year basin cycle. The purposes of these surveys include determining the present health and uses of the water bodies and predicting the potential health and uses of the water bodies if additional pollution controls were imposed. These draft rule revisions, incorporating the results of a water body surveys conducted in the past several years, reflect the Agency's responsibility to assign beneficial water uses.

Although the Agency has used the water body survey approach to determine applicable use designations for over 25 years, many water bodies have still not been surveyed.

In the 1978 water quality standards rules, only a small number of water bodies were listed with their use designations, determined from information available at the time. All other surface water bodies were assigned the WWH and PCR use designations by default (consistent with baseline goals of the Clean Water Act).

The 1985 water quality standards rules listed all water bodies identified in the Ohio Department of Natural Resources Gazetteer of Ohio Streams and clearly identified their assigned use designations. For most water bodies, the WWH and PCR default use designations were carried over. The 1985 water quality standards rules and subsequent rulemakings included use designations resulting from water body surveys.

Since 1985, the water quality standards rules have distinguished between use designations carried over from the 1978 water quality standards (indicated by asterisks) and those based on the results of water body surveys (indicated by plus signs).

For information on the current conditions of Ohio water bodies and trends in water quality, see the Ohio EPA Integrated Water Quality Monitoring and Assessment Report. It is available on the web at [epa.ohio.gov/dsw/tmdl/OhioIntegratedReport.aspx](http://epa.ohio.gov/dsw/tmdl/OhioIntegratedReport.aspx).

### **How many water bodies are involved with these rule changes?**

Results of water body surveys, conducted in past years, indicate that additions/changes in the current beneficial use designations are needed for 200 water body segments in five drainage basins. In addition, verifications of existing designations are included for 293 water body segments in five drainage basins.

Table 1 lists the rules and identifies the types of changes being considered. Figure 1 shows the particular areas within the drainage basins for which changes are being considered. Specific use designation changes for each water body being considered for revisions and for verifications are listed in Tables 2 and 3, respectively, at the end of this fact sheet.

### **How will the changes affect controls placed on water pollution?**

Some of these revisions will bring about more stringent controls, other changes may allow less stringent controls. The assigned use designation governs the levels of chemical water quality criteria that apply to protect the use designation. The coldwater and exceptional warmwater habitat uses bring about stricter chemical criteria, as does the replacement of

# Draft Rules – Beneficial Use Designations

## July 2016

a limited warmwater habitat or limited resource water use with a warmwater habitat use. In these cases, where higher use designations result in the application of more stringent chemical criteria, lower effluent limits for wastewater dischargers may be required.

When a water body's use designation becomes less stringent, existing dischargers must continue the same treatment as before. However, if an existing facility expands its operation or a new facility commences discharging, less stringent pollution controls may be needed to meet the water quality standards for the less stringent use designations.

Detailed information regarding the differences between chemical criteria that apply to various use designations can be viewed in Ohio's water quality standards, available on the at [epa.ohio.gov/dsw/rules/3745\\_1.aspx](http://epa.ohio.gov/dsw/rules/3745_1.aspx) as well as on tables summarizing aquatic life and human health criteria, available on the web at [epa.ohio.gov/dsw/wqs/criteria.aspx](http://epa.ohio.gov/dsw/wqs/criteria.aspx).

Overall, there should be no impact as a result of the water body use designation changes, verifications and additions associated with this rulemaking on water pollution controls based upon a review of existing dischargers to these stream segments. This is based on either a lack of change to the criteria that already apply to most of these water bodies, a lack of regulated discharges to water bodies where more stringent criteria would apply, or less stringent criteria that would apply for water bodies where the MWH or LRW aquatic life habitat use is under consideration.

### What additional information is the Agency seeking?

The Agency is seeking comments from interested stakeholders (public, local officials, and National Pollutant Discharge Elimination System [NPDES] permit holders, industry sectors, other state agencies, consultants and environmental organizations) who may be impacted by these draft use designation revisions and additions. General comments and specific factual information are welcome. Data on resident fish and macroinvertebrate communities and the physical habitat conditions of the water body are most pertinent to assignment of the proper aquatic life use designation. Data collection must be consistent with acceptable quality assurance protocols to be considered valid.

In addition to the draft rule amendments, Ohio EPA is also seeking comments and feedback on the draft Common Sense Initiative (CSI) Business Regulation Impact Analysis form, which is being released with these draft rules during interested party review.

### How are the amendments formatted in the draft rules?

Text that is considered for deletion is identified in strikeout font; new text is underlined.

### What is the rulemaking schedule?

At this time, the Agency is soliciting input on these draft rule revisions. Ohio EPA is required by section 121.39(D) of the Revised Code to contact potentially affected parties prior to adopting rule changes.

At the close of the draft rule comment period, the Agency will review the comments and make necessary changes to the rules. The Agency will then file proposed rules with the Joint Committee on Agency Rule Review, the Legislative Service Commission and the Secretary of State.

At that point, another comment period, including one or more public hearings, will be scheduled. After the close of the comment period, the Agency will review the comments, make any necessary changes and then adopt the final rules.

Ohio EPA expects to file the proposed rules in 2016.

# Draft Rules – Beneficial Use Designations

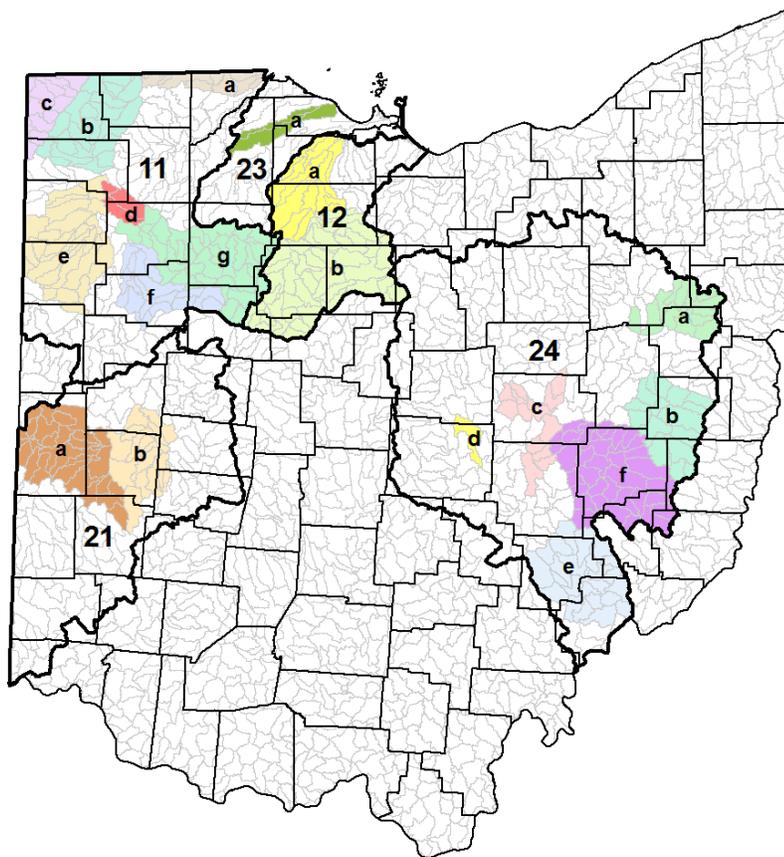
## July 2016

**Table 1. Reasons for Rule Revisions**

Rule #	Drainage Basin	New Additions	Use Designation Changes	Use Designation Verifications	# Water Body Segments Added/Changed/Verified
3745-1-11	Maumee River Basin	X	X	X	21/38/77
3745-1-12	Sandusky River Basin	X	X	X	4/16/38
3745-1-21	Great Miami River Basin	X	X	X	8/8/12
3745-1-23	Portage River Basin	X	X	X	1/1/1
3745-1-24	Muskingum River Basin	X	X	X	14/89/165
Totals					48/152/293

**Figure 1. Rules and Associated Drainage Basins where Revisions are under Consideration**

- 2011 Ottawa River/Tenmile Creek basin survey (11a)
- 2013 Tiffin River basin survey (11b)
- 2013 St. Joseph River basin survey (11c)
- 2013 Powell Creek basin survey (11d)
- 2014 Lower Auglaize River basin survey (11e)
- 2010 Ottawa River basin survey (11f)
- 2005 Blanchard River basin survey (11g)
- 2012-13 Lye Creek survey (11g)
- 2012-13 Maumee R. & Auglaize R. mainstem survey
- 2009 Lower Sandusky River basin survey (12a)
- 2001 Sandusky River basin survey (12b)
- 2013 Broken Sword Creek basin survey (12b)
- 2013 Stillwater River basin survey (21a)
- 2009 Middle Great Miami R. basin survey (21b)
- 2003 Toussaint River basin survey (23a)
- 2010 Sandy Creek basin survey (24a)
- 2012 Stillwater Creek basin survey (24b)
- 2010 Walhonding River basin survey (24c)
- 2008 Licking River basin survey (24d)
- 2012-2013 Lower Muskingum River tributaries basin survey (24e)
- 2014 Wills Creek basin survey (24f)



# Draft Rules – Beneficial Use Designations

## July 2016

### How can I comment on the draft rules?

Please submit your comments in one of the following ways:

- By email: [dsw\\_rulecomments@epa.ohio.gov](mailto:dsw_rulecomments@epa.ohio.gov)
- By fax: (614) 644-2745
- By postal mail:  
Rule Coordinator  
Ohio EPA, Division of Surface Water  
P.O. Box 1049  
Columbus, OH 43216-1049

**Comments on the draft rules must be received no later than 5:00 p.m. August 23, 2016.**

### How can I get more information?

Copies of this fact sheet, CSI form and the draft rules are on the Division of Surface Water website at [epa.ohio.gov/dsw/dswrules.aspx](http://epa.ohio.gov/dsw/dswrules.aspx). For additional background information on water quality standards and beneficial uses, please visit the Water Quality Standards Program web page at: [epa.ohio.gov/dsw/wqs/index.aspx](http://epa.ohio.gov/dsw/wqs/index.aspx). The existing rules in OAC Chapter 3745-1 are available at: [epa.ohio.gov/dsw/rules/3745\\_1.aspx](http://epa.ohio.gov/dsw/rules/3745_1.aspx). The biological and water quality studies upon which the rule revisions are based are available at: [epa.ohio.gov/dsw/document\\_index/psdindx.aspx](http://epa.ohio.gov/dsw/document_index/psdindx.aspx).

For more information about these draft rules, please contact:

Dan Dudley  
(614) 644-2876  
[daniel.dudley@epa.ohio.gov](mailto:daniel.dudley@epa.ohio.gov)

# Draft Rules – Beneficial Use Designations

## July 2016

**Table 2. Summary of Draft Revisions Under Consideration**

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
<b>Maumee River Drainage Basin, OAC 3745-1-11 (2011 Ottawa River/Tenmile Creek basin survey)</b>			
2	Raisin Creek	WWH, AWS, IWS, PCR	Delist – not in Ohio
2	Hill Ditch (Ottawa River RM 11.81)	LRW-SDM, AWS, IWS, SCR	Designate MWH-CM in lieu of LRW-SDM
2	Zink Ditch (Heldman ditch RM 5.96)	None	Designate MWH-CM, AWS, IWS, PCR
3	Prairie Ditch (Tenmile Creek RM 6.02)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
3	Detwiler Ditch	None	Designate MWH-CM, AWS, IWS, PCR
<b>Maumee River Drainage Basin, OAC 3745-1-11 (2012 Maumee/Auglaize River mainstem survey)</b>			
7	Auglaize River – Blanchard River (RM 26.2) to the Defiance power dam at RM 5.8	WWH, AWS, IWS, PCR	Designate MWH-I in lieu of WWH
<b>Maumee River Drainage Basin, OAC 3745-1-11 (2013 Powell Creek basin survey)</b>			
7	Unnamed tributary (North Powell Creek RM 4.25)	None	Designate WWH, AWS, IWS, PCR
8	Unnamed tributary (North Powell Creek RM 6.0)	None	Designate WWH, AWS, IWS, PCR
<b>Maumee River Drainage Basin, OAC 3745-1-11 (2014 Lower Auglaize River basin survey)</b>			
8	Sixmile Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
8	Little Flatrock Creek - headwaters to State Route 637 (RM 2.2)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
8	Flatrock Creek – headwaters to Kings Church Road (RM 51.68)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
8	Snyder ditch (Auglaize River RM 12.98)	None	Designate WWH, AWS, IWS, PCR
9	Bobenmyer ditch (Auglaize River RM 13.17)	None	Designate WWH, AWS, IWS, PCR
9	Upper Prairie Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
9	Middle Creek (Upper Prairie Creek RM 0.33)	None	Designate MWH-CM, AWS, IWS, PCR
10	Big Run	None	Designate WWH, AWS, IWS, PCR
<b>Maumee River Drainage Basin, OAC 3745-1-11 (2005 Blanchard River basin survey)</b>			
11	Deer Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
11	Bear Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
11	Caton ditch (Blanchard River RM 13.23)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
11	Miller City cutoff (Caton Ditch RM 3.05)	None	Designate MWH-CM, AWS, IWS, PCR
11	Cranberry Creek – headwaters to upstream Little Cranberry Creek (RM 17.05)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
11	Little Cranberry Creek	None	Designate MWH-CM, AWS, IWS, PCR
12	Riley Creek – headwaters to Little Riley Creek (upper) (RM 20.63)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH

## Draft Rules – Beneficial Use Designations

### July 2016

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
12	Cranberry Run – headwaters to Riley Township Road 7L (RM 2.95)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
12	Marsh Run (Riley Creek RM 15.61)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
12	Dutch Run – headwaters to upstream Bassinger ditch (RM 5.26)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
13	Cartwright Run (Dukes Run RM 1.82)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
13	Moffitt ditch	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
13	Tiderishi Creek – headwaters to upstream Norfolk and Western RR (RM 2.90)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
13	Aurand Run	None	Designate WWH, AWS, IWS, PCR
14	Hydraulic ditch (Eagle Creek RM 18.05)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
14	The Outlet (lower) (Blanchard River RM 63.63)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
14	Brights ditch	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
14	Stahl ditch	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
14	Buckrun Creek	None	Designate MWH-CM, AWS, IWS, PCR
14	Rickenbach ditch (aka Shaefer ditch) (Potato Run RM 9.65)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
14	Unnamed tributary at Blanchard River RM 79.75	None	Designate MWH-CM, AWS, IWS, PCR
14	Unnamed tributary at Blanchard River RM 80.53	None	Designate MWH-CM, AWS, IWS, PCR
<b>Maumee River Drainage Basin, OAC 3745-1-11 (2010 Ottawa River basin survey)</b>			
15	Unnamed tributary at Ottawa River RM 0.70	None	Designate WWH, AWS, IWS, PCR
15	Plum Creek – confluence of Sycamore Creek and unnamed tributary at Plum Creek RM 15.8) to Township Road 14L (RM 5.2)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
15	Unnamed tributary at Plum Creek RM 7.30	None	Designate WWH, AWS, IWS, PCR
15	Sycamore Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
15	Unnamed tributary at Sycamore Creek RM 0.85	None	Designate MWH-CM, AWS, IWS, PCR
15	Sugar Creek – headwaters to downstream Stewart Road (RM 20.0)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
15	Rattlesnake Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
16	Beaver Run (Ottawa River RM 21.16)	None	Designate WWH, AWS, IWS, PCR
16	Honey Run – headwaters to Billy Mack Road (RM 1.1)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
16	Little Ottawa River – headwaters to upstream of CS&T railroad bridge (RM 5.54)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
16	Lost Creek – headwaters to High Street (RM 0.35)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
16	Unnamed tributary at Lost Creek RM 1.15	None	Designate MWH-CM, AWS, IWS, PCR
16	Grass Creek (Hog Creek RM 10.07)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
16	Number 28 Ditch (Hog Creek RM 10.38)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
17	Fitzhugh Ditch (Hog Creek RM 11.45)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
17	Lord Ditch (Hog Creek RM 12.79)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
17	Unnamed tributary at Hog Creek RM 13.71	None	Designate MWH-CM, AWS, IWS, PCR
17	Unnamed tributary at Little Hog Creek RM 0.47	None	Designate WWH, AWS, IWS, PCR
<b>Maumee River Drainage Basin, OAC 3745-1-11 (2013 Tiffin River basin survey)</b>			
18	Tiffin River – U.S. Route 24 (RM 1.3) to the mouth	WWH, AWS, IWS, PCR	Designate MWH-I in lieu of WWH
20	Bean Creek	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
<b>Sandusky River Drainage Basin, OAC 3745-1-12 (2001 basin survey)</b>			
4	Morrison Creek – headwaters to CR 43 (RM 7.9)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
4	Willow Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
4	Honey Creek – Scott Road (RM 37.3) to State Route 4 (RM 28.3)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
5	Van Meter Creek (Honey Creek RM 3.69)	None	Designate MWH-CM, AWS, IWS, PCR
5	Silver Creek – headwaters to Brillhart Rd (RM 8.7)	WWH, AWS, IWS, PCR	Designate LRW-SDM in lieu of WWH
5	Aicholtz Ditch – headwaters to CR 12 (RM 2.8)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
5	Brokenknife Creek – headwaters to Seneca/Crawford County line (RM 3.2)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
5	Celery Creek (Honey Creek RM 32.84)	None	Designate MWH-CM, AWS, IWS, PCR
5	Tiro Creek (Honey Creek RM 41.15)	None	Designate MWH-CM, AWS, IWS, PCR
6	Sycamore Creek – headwaters to State Route 19 (RM 17.8)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
6	West Branch Taylor Run (Taylor Run RM 2.49)	None	Designate MWH-CM, AWS, IWS, PCR
6	Tymochtee Creek – headwaters to Cramer Road (RM 51.8)	WWH, AWS, IWS, PCR	Designate LRW-SDM in lieu of WWH
6	Little Tymochtee Creek – headwaters to CR 108 (RM 9.1)	WWH, AWS, IWS, PCR	Designate LRW-SDM in lieu of WWH
7	Warpole Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
7	Little Tymochtee Creek – headwaters to CR 205 (RM 9.0)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH

## Draft Rules – Beneficial Use Designations

### July 2016

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
8	Broken Sword Creek – headwaters to Eaton Road (RM 21.4)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
8	Indian Run – headwaters to State Route 231 (RM 1.7)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
8	Brandywine Creek – headwaters to Temple Road (RM 1.6)	WWH, AWS, IWS, PCR	Designate LRW-SDM
9	Red Run	WWH, AWS, IWS, PCR	Designate LRW-SDM in lieu of WWH
9	Grass Run – headwaters to Marion Melmore Road (RM 6.0)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
<b>Great Miami River Drainage Basin, OAC 3745-1-21 (Middle GMR 2009 basin survey)</b>			
2	Great Miami River - SR 66 (RM 116.7) to upper limit of Piqua Dam Pool at Main Street (RM 115.15)	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
18	Honey Creek – headwaters to Indian Creek (RM 3.68)	EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
18	Pleasant Run – headwaters to Elizabeth Road (RM 0.85)	None	Designate WWH, AWS, IWS, PCR
18	Pleasant Run – Elizabeth Road (RM 0.85) to the mouth	None	Designate EWH, CWH, AWS, IWS, PCR
18	Indian Creek – Unnamed tributary at RM 2.4 to the mouth	WWH, AWS, IWS, PCR	Designate CWH in lieu of WWH
19	Lost Creek - Headwaters to East Branch (RM 10.8)	EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
19	Lost Creek - East Branch (RM 10.8) to Knoop Road (RM 4.3)	WWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
19	Lost Creek - Knoop Road (RM 4.3) to mouth	EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
19	Little Lost Creek – headwaters to unnamed tributary at RM 2.2	None	Designate WWH, AWS, IWS, PCR
19	Little Lost Creek – unnamed tributary at RM 2.2 to the mouth	None	Designate EWH, CWH, AWS, IWS, PCR
19	Middle Branch Lost Creek	None	Designate WWH, AWS, IWS, PCR
19	East Branch Lost Creek – headwaters to Loy Road (RM 2.0)	EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
19	East Branch Lost Creek – Loy Road (RM 2.0) to the mouth	EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
19	West Branch Lost Creek	None	Designate WWH, AWS, IWS, PCR
19	Boone Creek (Great Miami River RM 103.87)	None	Designate WWH, AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
19	Peters Creek (Boone Creek RM 0.2)	None	Designate WWH, AWS, IWS, PCR
<b>Portage River Drainage Basin, OAC 3745-1-23 (Toussaint River 2003 basin survey)</b>			
3	Rushaw Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
3	Martin Ditch	None	Designate WWH, AWS, IWS, PCR
<b>Muskingum River Drainage Basin, OAC 3745-1-24 (Lower Muskingum River tributaries 2013 basin survey)</b>			
3	Second Creek	None	Designate WWH, AWS, IWS, PCR
3	Cat Creek	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
3	Right Branch	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
3	Big Run	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
3	Straight Run	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
4	Cushing Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
4	Wolf Creek	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Hayward Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Duck Creek	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Boseman Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Flint Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	South Branch Wolf Creek	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Plumb Run	None	Designate WWH, AWS, IWS, PCR
4	Painter Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Southwest Fork	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	South Fork	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Browns Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
4	Turkeyhen Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
5	Horse Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
5	Halfway Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
5	Chainey Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
5	Lucas Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
5	Whitewater Creek	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
5	Shrader Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
5	North Branch Coal Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in addition to EWH
5	Mile Run (Coal Run RM 8.37)	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
5	Walnut Run	None	Designate EWH, AWS, IWS, PCR
5	Scott Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH

## Draft Rules – Beneficial Use Designations

### July 2016

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
5	Lick Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
5	McPherson Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
6	Browns Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
6	Little Wolf Creek	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of WWH
6	Chaneyville Run – headwaters to unnamed tributary at RM 0.33	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
6	Chaneyville Run – Unnamed tributary at RM 0.33 to the mouth	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
6	Unnamed tributary at West Branch Wolf Creek RM 33.33	None	Designate EWH, AWS, IWS, PCR
6	Buck Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
6	Pleasant Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
6	Hedgehog Creek	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
6	Kickapoo Creek	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
6	Peeper Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
6	Cow Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in addition to EWH
6	Elk Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
6	Little Olive Green Creek	SRW, EWH, AWS, IWS, PCR	Designate CWH in addition to EWH
6	Scott Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
6	Allen Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
7	Stony Creek	SRW, EWH, AWS, IWS, PCR	Designate CWH in lieu of EWH
7	Reasoners Run	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
7	Taylor Fork	None	Designate EWH, CWH, AWS, IWS, PCR
7	Shrivers Fork	None	Designate EWH, CWH, AWS, IWS, PCR
7	Limestone Run	SRW, EWH, AWS, IWS, PCR	Designate CWH in addition to EWH
7	Sharon Fork	SRW, EWH, AWS, IWS, PCR	Designate WWH in lieu of EWH
7	Meigs Creek – Morgan County line (RM 17.9) to the mouth	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
7	Onion Run	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
7	Perry Run	WWH, AWS, IWS, PCR	Designate CWH in lieu of WWH
7	Fourmile Run	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
8	Mans Fork - headwaters to Bear Run (RM 1.25)	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
8	Mill Run	WWH, AWS, IWS, PCR	Designate CWH in lieu of WWH
9	Doudna Run	WWH, AWS, IWS, PCR	Designate CWH in lieu of WWH

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
9	Bell Creek	None	Designate WWH, AWS, IWS, PCR
<b>Moxahala Creek Sub-basin (2014 survey)</b>			
12	Twomile Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
13	Dry Run – all segments listed	LWH, AWS, IWS, PCR, (PWS at RM 2.23)	Designate LRW-AMD in lieu of LWH
<b>Licking River Sub-basin (2008 basin survey)</b>			
15	Painter Run	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
<b>Wills Creek Sub-basin (2014 basin survey)</b>			
20	White Eyes Creek	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
20	Unnamed tributary at White Eyes Creek RM 4.50	None	Designate WWH, AWS, IWS, PCR
20	Brush Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
21	Marlatt Run (Wills Creek RM 23.49)	None	Designate WWH, AWS, IWS, PCR
21	Unnamed tributary at Johnson Fork RM 1.04	None	Designate WWH, AWS, IWS, PCR
21	Unnamed tributary at Wills Creek RM 34.43	None	Designate WWH, AWS, IWS, PCR
22	Turkey Run	WWH, AWS, IWS, PCR	Designate EWH and CWH in lieu of WWH
22	Jackson Run	LWH, AWS, IWS, PCR	Designate MWH-MA in lieu of LWH
22	Peters Creek	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
22	Bobs Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
22	North Crooked Creek	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
23	Fox Creek – headwaters to US Route 22 (RM 0.9)	LWH, AWS, IWS, PCR	Designate MWH-MA in lieu of LWH
23	Fox Creek – US Route 22 (RM 0.9) to the mouth	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
23	Dare Run	LWH, AWS, IWS, PCR	Designate MWH-CM in lieu of LWH
23	Shannon Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
24	North Fork (Skin Creek)	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
25	Buffalo Creek	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
25	North Fork Buffalo Creek	LWH, AWS, IWS, PCR	Designate MWH-MA in lieu of LWH
25	South Fork	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
25	Little Buffalo Creek	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
<b>Stillwater Creek Sub-basin (2012 basin survey)</b>			
27	Stillwater Creek – headwaters to confluence with Brushy Fork (RM 25.82)	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
28	Unnamed tributary at Little Stillwater Creek RM 7.60	None	Designate WWH, AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designated Uses**	Revisions Under Consideration
29	Skull Fork	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
29	Millers Fork	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
29	Unnamed tributary at Skull Fork RM 13.87	None	Designate WWH, AWS, IWS, PCR
29	Boggs Fork – Holloway (RM 6.35) to the confluence with Stillwater Creek	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
30	Plum Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
30	Trail Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
<b>Sandy Creek Sub-basin (2010 basin survey)</b>			
35	Bear Run	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
37	Still Fork - headwaters to Arbor Road (RM 3.9)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
37	Still Fork – Arbor Road (RM 3.9) to the mouth	WWH, AWS, IWS, PCR	Designate MWH-I in lieu of WWH
37	Muddy Fork – headwaters to Stony Hollow (RM 3.0)	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
37	Reeds Run	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
37	Pipes Fork	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
37	Friday Creek	WWH, AWS, IWS, PCR	Designate MWH-CM in lieu of WWH
<b>Walhonding River Sub-basin (2010 basin survey)</b>			
40	Turkey Run	EWH, AWS, IWS, PCR	Designate CWH in addition to EWH
40	Beards Run	LWH, AWS, IWS, PCR	Designate WWH in lieu of LWH
43	Beaver Run – headwaters to unnamed tributary at RM 2.53	WWH, AWS, IWS, PCR	Designate CWH in lieu of WWH
43	Mohawk Creek	WWH, AWS, IWS, PCR	Designate EWH in lieu of WWH
43	Unnamed tributary at Mohawk Creek RM 2.93	None	Designate EWH, AWS, IWS, PCR
43	Dutch Run	WWH, AWS, IWS, PCR	Designate CWH in lieu of WWH
48	Fleming Falls Creek	WWH, AWS, IWS, PCR	Typographical correction: This is a direct trib of Black Fork at RM 25.16 (not Rocky Fork) in the Mohican River basin.

\* The page numbers listed in the table refer to page numbers in the amended rules.

\*\* As indicated in OAC 3745-1-08 through OAC 3745-1-30.

# Draft Rules – Beneficial Use Designations

## July 2016

### Index of Acronyms Used

The following acronyms are used in this table. Designated uses are defined in OAC 3745-1-05 and OAC 3745-1-07.

AWS = Agricultural Water Supply  
CWH = Coldwater Habitat  
EWH = Exceptional Warmwater Habitat  
IWS = Industrial Water Supply  
LWH = Limited Warmwater Habitat  
LRW-AMD = Limited Resource Water-Acid Mine Drainage  
LRW-SDM = Limited Resource Water-Small Drainageway Maintenance  
MWH-CM = Modified Warmwater Habitat – Channel Modification  
MWH-I = Modified Warmwater Habitat - Impounded  
PCR = Primary Contact Recreation  
PWS = Public Water Supply  
SCR = Secondary Contact Recreation  
SRW = State Resource Water  
WWH = Warmwater Habitat

RM = River Mile. The river mile is a point location describing the lineal distance from the downstream terminus (i.e., mouth) and moving in an upstream direction.

# Draft Rules – Beneficial Use Designations

## July 2016

**Table 3. Summary of Existing Use Designations Recommended for Verification**

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
<b>Rule 3745-1-11 Maumee River Drainage Basin (2011 Ottawa/Tenmile Cr survey)</b>		
2	Bear Creek	WWH, AWS, IWS, PCR
2	Halfway Creek	WWH, AWS, IWS, PCR
2	Ottawa River	AWS, IWS
3	Tenmile Creek	AWS, IWS, PCR
3	North Branch Tenmile Creek	AWS, IWS, PCR
3	Prairie Ditch	AWS, IWS, PCR
<b>Rule 3745-1-11 Maumee River Drainage Basin (2012 Maumee/Auglaize R. survey)</b>		
3	Maumee River – I-75 (RM 7.1) to confluence with Maumee Bay	WWH, AWS, IWS, PCR
3	Maumee River – at RM 23.16 and RM 65.84	WWH, AWS, IWS, PCR
4	Maumee River – all other segments	WWH, AWS, IWS, PCR
7	Auglaize River – Defiance power dam (RM 5.8) to the mouth	WWH, AWS, IWS, PCR
7	Auglaize River – Blanchard River (RM 26.2) to the Defiance power dam at RM 5.8)	AWS, IWS, PCR
<b>Rule 3745-1-11 Maumee River Drainage Basin (2013 Powell Creek basin survey)</b>		
7	Powell Creek	WWH, AWS, IWS, PCR
7	Wagner Run	WWH, AWS, IWS, PCR
7	North Powell Creek	WWH, AWS, IWS
7	Hogback Run	WWH, AWS, IWS, PCR
8	South Powell Creek	WWH, AWS, IWS
<b>Rule 3745-1-11 Maumee River Drainage Basin (2014 Lower Auglaize R. survey)</b>		
8	Threemile Creek	WWH, AWS, IWS, PCR
8	Jackson Ditch (Auglaize River RM 5.60)	WWH, AWS, IWS, PCR
8	Fivemile Creek	WWH, AWS, IWS, PCR
8	Eagle Creek	WWH, AWS, IWS, PCR
8	Sixmile Creek	AWS, IWS, PCR
8	Little Flatrock Creek – headwaters to State Route 637 (RM 2.2)	AWS, IWS, PCR
8	Little Flatrock Creek – State Route 637 (RM 2.2) to the mouth	WWH, AWS, IWS, PCR
8	Wildcat Creek	WWH, AWS, IWS, PCR
9	Barcer Run	WWH, AWS, IWS, PCR
9	Upper Prairie Creek	AWS, IWS, PCR
<b>Rule 3745-1-11 Maumee River Drainage Basin (2005 Blanchard River survey)</b>		
11	Deer Creek	AWS, IWS, PCR
11	Bear Creek	AWS, IWS, PCR
11	Caton Ditch	AWS, IWS, PCR
11	Cranberry Creek – all segments	PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
12	Pike Run	WWH, AWS, IWS, PCR
12	Cranberry Run – headwaters to Riley Twp Road 7L (RM 3.05)	AWS, IWS, PCR
12	Cranberry Run – Riley Township Rd 7L (RM 3.05) to the mouth	WWH, AWS, IWS, PCR
12	Marsh Run (Riley Creek RM 15.61)	AWS, IWS, PCR
12	Little Riley Creek (upper) (Riley Creek RM 20.63)	WWH, AWS, IWS, PCR
12	Dutch Run - headwaters to upstream Bassinger ditch (RM 5.26)	AWS, IWS, PCR
12	Dutch Run - upstream Bassinger ditch (RM 5.26) to the mouth	WWH, AWS, IWS, PCR
13	Dukes Run	WWH, AWS, IWS, PCR
13	Cartwright Run	AWS, IWS, PCR
13	Moffitt ditch	AWS, IWS, PCR
13	Tederishi Creek - headwaters to upstream Norfolk and Western RR (RM 2.90)	AWS, IWS, PCR
13	Tederishi Creek – all other segments	WWH, AWS, IWS, PCR
13	Eagle Creek	PCR
13	Flat Branch	WWH, AWS, IWS, PCR
14	Hydraulic ditch	AWS, IWS, PCR
14	Lye Creek	WWH, AWS, IWS, PCR
14	Silver Creek	WWH, AWS, IWS, PCR
14	Potato Run	PCR
14	Ripley Run	WWH, AWS, IWS, PCR
14	The Outlet (upper) (Blanchard River RM 90.94)	WWH, AWS, IWS, PCR
14	Cessna Creek	WWH, AWS, IWS, PCR
<b>Rule 3745-1-11 Maumee River Drainage Basin (2010 Ottawa River basin survey)</b>		
15	Sycamore Creek	AWS, IWS, PCR
15	Sugar Creek – headwaters to Stewart Road (RM 20.5)	AWS, IWS, PCR
15	Sugar Creek – Stewart Road (RM 20.5) to the mouth	WWH, AWS, IWS, PCR
15	Rattlesnake Creek	AWS, IWS, PCR
15	Leatherwood Ditch	WWH, AWS, IWS, PCR
16	Honey Run – headwaters to Billy Mack Road (RM 1.1)	AWS, IWS, PCR
16	Honey Run – Billy Mack Road (RM 1.1) to the mouth	WWH, AWS, IWS, PCR
16	Dug Run	WWH, AWS, IWS, PCR
16	Lost Creek – headwaters to High Street (RM 0.35)	AWS, IWS, PCR
16	Lost Creek – High Street (RM 0.35) to the mouth	WWH, AWS, IWS, PCR
16	Grass Creek	AWS, IWS, PCR
16	Number 28 Ditch	AWS, IWS, PCR
17	Fitzhugh Ditch	AWS, IWS, PCR
17	Lord Ditch	AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
17	Mud Run	WWH, AWS, IWS, PCR
<b>Rule 3745-1-11 Maumee River Drainage Basin (2013 Tiffin River basin survey)</b>		
19	Buckskin Creek	WWH, AWS, IWS, PCR
19	Dry Creek	WWH, AWS, IWS, PCR
19	Dotty Creek (Doty Run)	WWH, AWS, IWS, PCR
19	Owl Creek	WWH, AWS, IWS, PCR
20	Flat Run	WWH, AWS, IWS, PCR
<b>Rule 3745-1-11 Maumee River Drainage Basin (2013 St. Joseph R. basin survey)</b>		
21	Big Run	WWH, AWS, IWS, PCR
21	Eagle Creek	WWH, AWS, IWS, PCR
21	North Branch Eagle Creek	WWH, AWS, IWS, PCR
21	Nettle Creek	WWH, AWS, IWS, PCR
21	East Branch St. Joseph River	WWH, AWS, IWS, PCR
21	Clear Fork	WWH, AWS, IWS, PCR
<b>Rule 3745-1-12 Sandusky River Drainage Basin (2001 survey)</b>		
2	Sandusky River – Muskegon Creek (RM 9.37) to the mouth	WWH, AWS, IWS, PCR
2	Sandusky River – RM 16.8 to RM 19.0	WWH, AWS, IWS, PCR
4	Morrison Creek – headwaters to CR 43 (RM 7.9)	AWS, IWS
4	Morrison Creek – CR 43 (RM 7.9) to the mouth	WWH, AWS, IWS, PCR
4	Willow Creek	AWS, IWS, PCR
4	East Branch Rock Creek	WWH, AWS, IWS, PCR
4	Gibson Creek	WWH, AWS, IWS, PCR
4	Bells Run	WWH, AWS, IWS, PCR
4	Honey Creek – RM 37.3 (Scott Rd) to RM 28.3 (SR4)	AWS, IWS, PCR
4	Honey Creek – all other segments	WWH, AWS, IWS, PCR
5	Silver Creek – headwaters to Brillhart Road (RM 8.7)	AWS, IWS
5	Silver Creek – Brillhart Road (RM 8.7) to the mouth	WWH, AWS, IWS, PCR
5	Aicholtz ditch – headwaters to CR 12 (RM 2.8)	AWS, IWS, PCR
5	Aicholtz ditch – CR 12 (RM 2.8) to the mouth	WWH, AWS, IWS, PCR
5	Brokenknife Creek – headwaters to Seneca/Crawford County Line (RM 3.2)	AWS, IWS, PCR
5	Brokenknife Creek – RM 3.2 to the mouth	WWH, AWS, IWS, PCR
6	Greasy Run	WWH, AWS, IWS, PCR
6	Taylor Run	WWH, AWS, IWS, PCR
6	Thorn Run	WWH, AWS, IWS, PCR
6	Spring Run	WWH, AWS, IWS, PCR
6	No. 32 ditch	WWH, AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
6	Little Tymochtee Creek – headwaters to CR 108 (RM 9.1)	AWS, IWS
6	Little Tymochtee Creek – CR 108 (RM 9.1) to the mouth	WWH, AWS, IWS, PCR
7	Lick Run	WWH, AWS, IWS, PCR
7	Warpole Creek	AWS, IWS, PCR
7	Little Tymochtee Creek – headwaters to CR 205 (RM 9.0)	AWS, IWS, PCR
7	Little Tymochtee Creek – CR 205 (RM 9.0) to the mouth	WWH, AWS, IWS, PCR
8	Layton ditch	WWH, AWS, IWS, PCR
8	Honey Run	WWH, AWS, IWS, PCR
8	Indian Run – headwaters to State Route 231 (RM 1.7)	AWS, IWS, PCR
8	Indian Run – State Route 231 (RM 1.7) to the mouth	WWH, AWS, IWS, PCR
8	Brandywine Creek – headwaters to Temple Road (RM 1.6)	AWS, IWS
9	Brandywine Creek – Temple Road (RM 1.6) to the mouth	AWS, IWS, PCR
9	Red Run	AWS, IWS
9	Grass Run – headwaters to Marion Melmore Road (RM 6.0)	AWS, IWS, PCR
9	Grass Run – Marion Melmore Road (RM 6.0) to the mouth	WWH, AWS, IWS, PCR
9	Westerly Creek (Paramour Creek RM 1.92)	WWH, AWS, IWS, PCR
9	East Crestline tributary (Paramour Creek RM 2.88)	WWH, AWS, IWS, PCR
<b>Rule 3745-1-21 Great Miami River Drainage Basin (Stillwater River 2013 survey)</b>		
15	Canyon Run	WWH, AWS, IWS, PCR
<b>Rule 3745-1-21 Great Miami River Drainage Basin (Middle GMR 2009 survey)</b>		
18	Indian Creek – headwaters to unnamed tributary at RM 2.4	WWH, AWS, IWS, PCR
18	Indian Creek – Unnamed tributary at RM 2.4 to the mouth	AWS, IWS, PCR
18	Dry Creek	WWH, AWS, IWS, PCR
18	West Fork	WWH, AWS, IWS, PCR
19	East Fork	WWH, AWS, IWS, PCR
19	East Branch	AWS, IWS, PCR
19	Rush Creek	WWH, AWS, IWS, PCR
21	Mill Branch	WWH, AWS, IWS, PCR
21	Tawawa Creek (all segments listed)	PCR
21	Mosquito Creek	WWH, AWS, IWS, PCR
21	Leatherwood Creek	WWH, AWS, IWS, PCR
<b>Rule 3745-1-23 Portage River Drainage Basin (Toussaint River 2013 survey)</b>		
3	Rushaw Creek	AWS, IWS, PCR
<b>Rule 3745-1-24 Muskingum River Drainage Basin Muskingum River mainstem (2006 survey)</b>		
3	Muskingum River – all listed segments	WWH, AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
<b>Rule 3745-1-24 Muskingum River Drainage Basin Lower Muskingum Tributaries Sub-basin (2013 survey)</b>		
3	Indian Run	WWH, AWS, IWS, PCR
3	Devol Run	WWH, AWS, IWS, PCR
3	Rainbow Creek	WWH, AWS, IWS, PCR
3	Bear Creek	WWH, AWS, IWS, PCR
3	Cat Creek	AWS, IWS, PCR
3	Right Branch	AWS, IWS, PCR
3	Big Run	AWS, IWS, PCR
3	Straight Run	AWS, IWS, PCR
4	Cushing Run	AWS, IWS, PCR
4	Congress Run	WWH, AWS, IWS, PCR
4	Wolf Creek	AWS, IWS, PCR
4	Hayword Run	AWS, IWS, PCR
4	Duck Creek	AWS, IWS, PCR
4	Boseman Run	AWS, IWS, PCR
4	Flint Run	AWS, IWS, PCR
4	South Branch Wolf Creek	AWS, IWS, PCR
4	Painter Run	AWS, IWS, PCR
4	Southwest Fork	AWS, IWS, PCR
4	South Fork	AWS, IWS, PCR
4	Browns Run	AWS, IWS, PCR
4	Turkeyhen Run	AWS, IWS, PCR
5	Horse Run	AWS, IWS, PCR
5	Halfway Run	AWS, IWS, PCR
5	Chainey Run	AWS, IWS, PCR
5	West Branch	EWB, AWS, IWS, PCR
5	Lucas Run	AWS, IWS, PCR
5	Whitewater Creek	AWS, IWS, PCR
5	Laurel Run	EWB, AWS, IWS, PCR
5	Coal Run	EWB, AWS, IWS, PCR
5	Shrader Run	AWS, IWS, PCR
5	North Branch	EWB, AWS, IWS, PCR
5	Buckeye Run	EWB, AWS, IWS, PCR
5	Mile Run (Coal Run RM 8.37)	AWS, IWS, PCR
5	Aldridge Run	EWB, AWS, IWS, PCR
5	Scott Run	AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
5	Lick Run	AWS, IWS, PCR
5	McPherson Run	AWS, IWS, PCR
5	Goshen Run	EW, AWS, IWS, PCR
6	Browns Run	AWS, IWS, PCR
6	Little Wolf Creek	AWS, IWS, PCR
6	Chaneyville Run – entire length	AWS, IWS, PCR
6	Buck Run	AWS, IWS, PCR
6	Pleasant Run	AWS, IWS, PCR
6	Hedgehog Creek	AWS, IWS, PCR
6	Kickapoo Creek	AWS, IWS, PCR
6	Peeper Run	AWS, IWS, PCR
6	Olive Green Creek	EW, AWS, IWS, PCR
6	Cow Run	EW, AWS, IWS, PCR
6	Elk Run	AWS, IWS, PCR
6	Little Olive Green Creek	EW, AWS, IWS, PCR
6	Scott Run	AWS, IWS, PCR
6	Allen Run	AWS, IWS, PCR
7	Stony Creek	AWS, IWS, PCR
7	Reasoners Run	AWS, IWS, PCR
7	Keith Fork	EW, AWS, IWS, PCR
7	Limestone Run	EW, AWS, IWS, PCR
7	Sharon Fork	AWS, IWS, PCR
7	Dinner Fork	EW, AWS, IWS, PCR
7	Meigs Creek – headwaters to Morgan County line (RM 17.9)	WW, AWS, IWS, PCR
7	Meigs Creek – Morgan County line (RM 17.9) to the mouth	AWS, IWS, PCR
7	Onion Run	AWS, IWS, PCR
7	Perry Run	AWS, IWS, PCR
7	Fourmile Run	AWS, IWS, PCR
7	Dyes Fork	WW, AWS, IWS, PCR
7	Horse Run	WW, AWS, IWS, PCR
8	Mans Fork – headwaters to Bear Run (RM 1.25)	AWS, IWS, PCR
8	Mans Fork – Bear Run (RM 1.25) to the mouth	WW, AWS, IWS, PCR
8	Bear Run	WW, AWS, IWS, PCR
8	Guyt Fork	WW, AWS, IWS, PCR
8	Mill Run	AWS, IWS, PCR
8	Bald Eagle Run	EW, AWS, IWS, PCR
9	Doudna Run	AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
9	Oilspring Run	WWH, AWS, IWS, PCR
<b>Walhonding/Muskingum tributaries Sub-basin (2010 survey)</b>		
18	Mill Run	WWH, AWS, IWS, PCR
18	Blount Run	WWH, AWS, IWS, PCR
18	Blunt Run	AWS, IWS, PCR
18	Symmes Creek	WWH, AWS, IWS, PCR
18	North Branch	WWH, AWS, IWS, PCR
18	South Branch	WWH, AWS, IWS, PCR
25	Robinson Run	WWH, AWS, IWS, PCR
40	Beards Run	AWS, IWS, PCR
40	Crooked Run	WWH, AWS, IWS, PCR
43	Simmons Run	WWH, AWS, IWS, PCR
43	Flint Run	WWH, AWS, IWS, PCR
43	Darling Run	WWH, AWS, IWS, PCR
43	Mohawk Creek	AWS, IWS, PCR
43	Dutch Run	AWS, IWS, PCR
44	Honey Run	AWS, IWS, PCR
<b>Wills Creek Sub-basin (2014 survey)</b>		
20	White Eyes Creek	AWS, IWS, PCR
20	Brush Run	AWS, IWS, PCR
20	Bacon Run	WWH, AWS, IWS, PCR
21	Center Creek	WWH, AWS, IWS, PCR
21	Twomile Run	WWH, AWS, IWS, PCR
21	Birds Run	WWH, AWS, IWS, PCR
21	Johnson Fork	WWH, AWS, IWS, PCR
21	Indian Camp Run	WWH, AWS, IWS, PCR
22	Sarchett Run	WWH, AWS, IWS, PCR
22	Crooked Creek	PCR
22	Jackson Run	AWS, IWS, PCR
22	Peters Creek	AWS, IWS, PCR
22	Bobs Run	AWS, IWS, PCR
22	North Crooked Creek – all listed segments	AWS, IWS, PCR
23	Fox Creek – all listed segments	AWS, IWS, PCR
23	Dare Run	AWS, IWS, PCR
23	Leatherwood Creek – all listed segments	PCR
23	Infirmity Run	WWH, AWS, IWS, PCR
23	Shannon Run	AWS, IWS, PCR

## Draft Rules – Beneficial Use Designations July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
23	Seneca Fork	WWH, AWS, IWS, PCR
24	Opossum Run	WWH, AWS, IWS, PCR
24	Beaver Creek	WWH, AWS, IWS, PCR
24	Glady Run	WWH, AWS, IWS, PCR
24	South Fork Seneca Fork	WWH, AWS, IWS, PCR
24	North Fork Seneca Fork (Skin Creek)	AWS, IWS, PCR
24	Buffalo Fork	AWS, IWS, PCR
24	Yoker Creek	AWS, IWS, PCR
25	Collins Fork	AWS, IWS, PCR
25	Miller Creek	AWS, IWS, PCR
25	Rannells Creek	AWS, IWS, PCR
25	Buffalo Creek	AWS, IWS, PCR
25	North Fork Buffalo Creek	AWS, IWS, PCR
25	South Fork Buffalo Creek	AWS, IWS, PCR
25	Little Buffalo Creek	AWS, IWS, PCR
<b>Stillwater Creek Sub-basin (2012 survey)</b>		
27	Stillwater Creek – headwaters to Brushy Fork	AWS, IWS, PCR
27	Stillwater Creek – at RM 7.05	WWH, AWS, IWS, PCR
27	Stillwater Creek – all other segments	WWH, AWS, IWS, PCR
27	Little Stillwater Creek – Plum Run (RM 8.77) to Dennison (RM 3.3)	PCR
27	Little Stillwater Creek – at RM 14.55	WWH, AWS, IWS, PCR
27	Little Stillwater Creek – all other segments	WWH, AWS, IWS, PCR
28	Plum Run	WWH, AWS, IWS, PCR
28	Clear Fork	WWH, AWS, IWS, PCR
28	Standingstone Fork	WWH, AWS, IWS, PCR
28	Crooked Creek	WWH, AWS, IWS, PCR
28	Laurel Creek	WWH, AWS, IWS, PCR
28	Watson Creek	WWH, AWS, IWS, PCR
28	Fallen Timber Creek	WWH, AWS, IWS, PCR
28	Weaver Run	WWH, AWS, IWS, PCR
28	Hitchcock Run	WWH, AWS, IWS, PCR
28	Brushy Fork	WWH, AWS, IWS, PCR
29	Elk Run	WWH, AWS, IWS, PCR
29	Atkinson Run	WWH, AWS, IWS, PCR
29	Craborchard Creek	WWH, AWS, IWS, PCR
29	Skull Fork	AWS, IWS, PCR
29	Millers Fork	AWS, IWS, PCR

# Draft Rules – Beneficial Use Designations

## July 2016

Page #*	Water Body Segment	Existing Designations Recommended for Verification**
29	Boggs Fork – headwaters to Holloway (RM 6.35)	AWS, IWS, PCR
29	Boggs Fork – Holloway (RM 6.35) to the confluence with Stillwater Creek	AWS, IWS, PCR
30	Plum Run	AWS, IWS, PCR
30	Trail Run	AWS, IWS, PCR
30	Spencer Creek	WWH, AWS, IWS, PCR
<b>Sandy Creek Sub-basin (2010 survey)</b>		
35	Bear Run	AWS, IWS, PCR
35	Limestone Creek	WWH, AWS, IWS, PCR
36	Indian Run	WWH, AWS, IWS, PCR
36	Little Sandy Creek	WWH, AWS, IWS, PCR
36	Black Run	WWH, AWS, IWS, PCR
36	Middle Run	WWH, AWS, IWS, PCR
37	Armstrong Run	WWH, AWS, IWS, PCR
37	Pipe Run	WWH, AWS, IWS, PCR
37	Hugle Run	WWH, AWS, IWS, PCR
37	Muddy Fork – headwaters to Stony Hollow (RM 3.0)	AWS, IWS, PCR
37	Muddy Fork – Stony Hollow (RM 3.0) to the mouth	WWH, AWS, IWS, PCR
37	Reeds Run	AWS, IWS, PCR
37	Pipes Fork	AWS, IWS, PCR
37	Friday Creek	AWS, IWS, PCR
37	Middle Branch Sandy Creek	WWH, AWS, IWS, PCR
37	Conser Run (Conservation Run)	WWH, AWS, IWS, PCR

\* The page numbers listed in the table refer to page numbers in the amended rules.

\*\* As indicated in OAC 3745-1-08 through OAC 3745-1-30.

### **Index of Acronyms Used**

The following acronyms are used in this table. Designated uses are defined in OAC 3745-1-05 and OAC 3745-1-07.

AWS = Agricultural Water Supply

CWH = Coldwater Habitat

EWB = Exceptional Warmwater Habitat

IWS = Industrial Water Supply

PCR = Primary Contact Recreation

WWH = Warmwater Habitat

RM = River Mile. The river mile is a point location describing the lineal distance from the downstream terminus (i.e., mouth) and moving in an upstream direction.