



**Ohio Water Pollution Control Loan Fund
Water Resource Restoration Sponsor Program
PROGRAM YEAR 2019 PROJECT NOMINATION FORM**

*To nominate a project, complete this form and submit it to Ohio EPA's Division of Environmental and Financial Assistance. **The deadline for nominations is August 17, 2018.** Direct any questions to Mike Kelly at (614) 644-3644.*

I. WRRSP PROJECT OVERVIEW

A. WRRSP IMPLEMENTER INFORMATION

Project/Resource Name

WRRSP Implementer/Steward

Implementer/Steward Address

Address: _____

City: _____

State: _____

Zip: _____

Implementer Contact Name and Title	_____	Telephone	_____
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Implementer Contact Email Address	_____		
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Consulting Firm (if retained)

Consultant Address

Address: _____

City: _____

State: _____

Zip: _____

Consultant Contact Name and Title	_____	Telephone	_____
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Consultant Contact Email Address	_____		
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B. PROJECT LOCATION

To ensure an accurate rating of your proposed project, provide the information that relates to the location of the WRRSP project you plan to implement. Without the information requested below, your nomination cannot be processed. Use additional sheets for projects with non-contiguous parcels.

Project Address

Address or nearest intersection: _____

City: _____

State: Ohio

Zip: _____

County(ies)	Township(s)	Parcel ID Number(s)
USGS Hydrologic Unit Code <i>Use 12-digit HUC</i>	Watershed Name	Latitude/Longitude Centroid (in decimal degrees)
		Latitude/Longitude: _____
		Latitude/Longitude: _____

C. PROJECT TYPE

Characterize your project using the following general categories. If proposing more than one project type (e.g., stream protection and wetlands restoration), select all categories that apply.

What types of activities will be involved in this project? Check all that apply and fill in the blanks.

Type of Activity	Size	Describe the primary focus of the project (dam removal, invasive species management, etc.).
Wetlands Protection	acreage:	
Wetlands Restoration	acreage:	
Stream Protection	linear foot:	
Stream Restoration	linear foot:	
Lake Erie Protection (includes shoreline)	acreage:	
Lake Erie Restoration (includes shoreline)	acreage:	
Lake Protection	acreage:	
Lake Restoration	acreage:	
Buffer/Upland Habitat Protection	acreage:	
Buffer/Upland Habitat Restoration	acreage:	
Other (specify):	acreage:	
What is the total area to be protected by Covenant (in acres)?		

D. TOTAL PROJECT COST AND REQUESTED WRRSP AMOUNT

Identify the estimated total project costs by both funding source and project resource type. (NOTE: Appraisal costs are NOT reimbursable.)

PROJECT FUNDING PER FUNDING SOURCE		Amount	
WRRSP Funding Request			
Ineligible costs funded by Implementer			
Clean Ohio Fund			
Section 319			
Other (Identify funding source):			
Other (Identify funding source):			
Other (Identify funding source):			
Total Project Cost			
PROJECT FUNDING PER RESOURCE	WRRSP Amt.	Total of All Additional Sauces	Total Amount
Stream/Riparian Protection			
Wetlands Protection			
Lake Erie Protection			
Inland Lake Protection			
Stream Restoration			
Dam or Levee Removal or Modification			
Wetlands Restoration			
Lake Erie Restoration			
Inland Lake Restoration			
Other (specify):			
Total Project Cost			

E. DESCRIPTION OF NON-WRRSP FUNDING SOURCES

Describe any non-WRRSP funding sources that will be used to fund the project, such as Clean Ohio Fund, ODNR, NRCS, private organizations, foundations, etc., and whether the funds have been secured, or an application is pending. If pending, indicate when a decision will be made by the funding source. (NOTE: WRRSP funds may not be used to fund projects required by a permit for compensatory mitigation or because of an enforcement action). Limit the response to the space provided.

II. PROJECT DESCRIPTION AND IMPLEMENTATION

A. PROJECT DESCRIPTION, PURPOSE AND NEED

Provide a problem/issue statement that specifies the need for the project, a detailed description of the project specifically focusing on habitat and biological integrity within the project area. Limit the problem/issue statement to the space provided.

B. PROJECT GOALS AND OBJECTIVES

Describe in specific detail the project Goals and Objectives, as well as specific metrics from habitat and bioassessments that you propose to increase in numerical value. Goals should be broad while objectives must be specific and measurable. There is no limit on the number of goals or objectives. See attached Restoration Checklists... an example goals and objective statement is presented below:

Goals: Restore 1,500 linear feet of stream xyz to WWH.

Objectives: Re-establish a Rosgen type C channel;

Increase QHEI from 42 to 65 by improving substrate, sinuosity, riffle/pool habitat, and buffer metrics.

C. PROJECT HISTORY

Is any portion of this project being conducted to fulfill mitigation requirements associated with a permit or a judicial or administrative enforcement action?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, please describe:
Has this project been previously nominated?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, indicate year(s) previously nominated and project name(s), if different:
Has this project been the subject of a pre-nomination meeting/site visit with Ohio EPA, DEFA?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, please provide the date(s) of the meeting and the DEFA staff who were present:

D. RELATIONSHIP TO EXISTING OR PROPOSED PROJECTS

Check all that apply	Describe
<input type="checkbox"/> This project will provide complete protection or restoration by itself within the targeted project area. or <input type="checkbox"/> This project will provide complete protection or restoration in conjunction with other projects which have already been, or are committed to be, undertaken.	
<input type="checkbox"/> This project implements specific recommendations identified in a TMDL or a WAP.	

E. DETAILED PROJECT COSTS

Provide below a detailed estimate of the costs to implement the project. **NOTE: administrative expenses, nomination preparation expenses, appraisals, monitoring, operational personnel, endowments, future expense funds, costs attributable to the value of a business and estimates of lost income, food, lobbying and travel are ALL INELIGIBLE for WRRSP funding.**

Project Component	Cost
Property Cost	
Fee Simple Land Costs <i>NOTE: will require full narrative appraisals</i>	
Easement Land Costs <i>NOTE: will require summary appraisals</i>	
Final Appraisal <i>NOTE: not WRRSP-eligible but must be selected from list of ODNR prequalified appraisers.</i> The list is available at: http://epa.ohio.gov/Portals/29/documents/ofa/ODNRAppraisers.pdf	
Closing Costs	
Title Search	
Environmental Assessments	
Other*	
Acquisition Expenses Subtotal	
Planning and Design	
Protection/Restoration Plan Preparation <i>NOTE: contracted, not WRRSP-eligible as an administrative cost</i>	
Design Preparation	
Other Eligible Costs*	
Planning and Implementation Subtotal	
Habitat Restoration (list work items with estimated costs and link to outcome) (examples below)	
Initial Site Preparation/Final Site Stabilization	
Spoil Material Removal/Disposal	
Material Acquisition/Placement	
Dam or Other Major Structure Removal	
Plant Material Purchase/Installation	
Other*	
Habitat Restoration Costs Subtotal	
Other Miscellaneous Project Costs	
Permits, legal services, required surveys	
Materials, equipment and supplies*	
Covenant Boundary markers <i>NOTE: required</i>	
Sign indicating WPCLF/WRRSP funding with an educational component	
Other Project Costs Subtotal	
Project Costs Ineligible for WRRSP participation	
Total Estimated Project Cost	

*Thoroughly describe and justify these costs. The justification will be used to determine if the cost is eligible for inclusion in the project total on the WPCLF Project Priority List. Nominations submitted without this justification will be deemed incomplete. Attach justification as needed on separate pages. **NOTE: A full determination of allowable costs will also be made at the time of plan review, in advance of disbursements et cetera.**

Describe the basis for the cost estimates provided above and indicate how your project costs are reasonable. **NOTE: Parcels targeted as part of a corridor project should not exceed the total WRRSP dollars requested.** Attach additional sheets as necessary.

F. DESCRIPTION OF PROJECT OWNERSHIP

Provide a brief narrative of the status of property ownership. Specify whether the current owner(s) is (are) a public or private entity (ies). Discuss easements and mineral/other property rights and how they may impact the property purchase or project implementation. Please provide a brief narrative description in the space provided. Indicate if options (or other preliminary purchase agreements) have been secured on proposed acquisitions. Limit the response to the space provided.

G. IMPEDIMENTS TO PROJECT IMPLEMENTATION

Identify any special condition, circumstances, encumbrance, or activity, if any, that may restrict restoration, protection or enhancement efforts on the proposed project site(s). This description shall include any natural and/or anthropogenic constraints that may restrict achieving the stated goals and objectives, such as sources of impairment that will not be addressed, or watershed conditions. Attach additional information if your response does not fit in the space provided.

III. PROJECT RESOURCE INFORMATION

Provide information regarding the resources at your WRRSP project site. Complete a row for each individual wetland, stream, or lake. Attach additional sheets as necessary. Do not attach a Watershed Action Plan (WAP), Total Maximum Daily Load (TMDL) report, Remedial Action Plan (RAP) report, or other report or plan as a substitute for completing these descriptions.

A. STATUS OF WATER RESOURCES

Identify all aquatic resources located on the project site(s) and provide the applicable information below. **Projects with both habitat and biological assessment data will be given priority over those based only on habitat assessments. For Restoration projects, both Habitat and Bioassessment target scores are required.**

Resource Name/ID	Size	Pre-Project Assessment Method Used and Existing Score	Post-Project Score (Projected)	Wetland Category		Antidegradation Category
				Pre	Post	
Wetlands	(Acres)	(ORAM, VIBI, AmphIBI)	(ORAM, VIBI, AmphIBI)			N/A
						N/A
						N/A
						N/A
						N/A
						N/A
						N/A
						N/A
						N/A
Streams	(Linear Feet)	(IBI, ICI, QHEI, HHEI/HMFEEI/cold water taxa for PHWH streams)	(IBI, ICI, QHEI, HHEI/HMFEEI/cold water taxa for PHWH streams)	Aquatic Life Use, PHWH		Antidegradation Category
				Pre	Post	
Lake Erie	(Linear feet of shoreline)	LCI, Lake Erie QHEI	LCI, Lake Erie QHEI	Aquatic Life Use		Antidegradation Category
						SHQW
Other lake/inland water body	(Linear feet of shoreline)	LCI	LCI	Aquatic Life Use		

The ORAM User's Manual is available at http://epa.ohio.gov/portals/35/401/oram50um_s.pdf; the 10-page form is available at http://epa.ohio.gov/portals/35/401/ORAMv5_score_forms_10_page.pdf
 The VIBI manual is available at http://epa.ohio.gov/portals/35/wetlands/PART4_VIBI_OH_WTLDs.pdf
 The AmphIBI manual is available at http://epa.ohio.gov/portals/35/wetlands/AmphIBI_Field_Manual.pdf
 The LCI is available at http://epa.ohio.gov/Portals/35/documents/Lake_Sampling_Procedures.pdf
 The QHEI manual and forms are available at <http://www.epa.state.oh.us/portals/35/documents/qheimanualjune2006.pdf>
 The HHEI manual is available at http://epa.ohio.gov/portals/35/wqs/headwaters/PHWHManual_2012.pdf
 Lake Erie/Lacustuary QHEI is available at http://www.epa.state.oh.us/portals/35/documents/QHEIManual_LakeErieShoreline_June2010.pdf
 Aquatic life use designations may be found in the Ohio Administrative Code at: http://epa.ohio.gov/dsw/rules/3745_1.aspx

B. DESCRIBE THE PROJECT IMPLEMENTATION SITE(S)

1. Describe the current physical characteristics of the project site, the property's history and history of the area, project site soils, unique features, land use cover types, and land use trends in the area. Be sure to emphasize items that may affect water quality. Also describe the project watershed and/or subwatersheds, including the HUC 12 watershed. Attach additional sheets as necessary.

2. Describe in detail the aquatic resources on the project site(s) (including hydrology and geomorphology). Include a narrative description of any information on the project site, or in the project area, not otherwise requested, which would facilitate a better understanding of the proposed project. As applicable, include information regarding the history of the area or past modifications and benefits of the project that go beyond water quality (e.g., "This area is the largest patch of contiguous Beech-Maple Forest in NE Ohio..."). Corridor projects must indicate geographic boundaries and targeted parcels. Attach additional sheets as necessary.

C. THREATENED AND ENDANGERED SPECIES

Describe any federally or state designated rare, threatened, endangered and special interest plant or animal species; declining populations; or special ecological communities, plants or animals of interest that will benefit from this project. Provide documentation of presence and dates observed.

**IV. IMPLEMENTER, OUTREACH, & MONITORING DETAILS,
READINESS TO PROCEED & MILESTONE CHECKLISTS AND SIGNATURES**

A. IMPLEMENTER QUALIFICATIONS

*Provide information about your organization's administrative, technical, and financial qualifications and experience in conducting and maintaining restoration and/or protection projects (i.e. demonstrate your ability to implement the proposed project and manage the site in perpetuity). **NOTE:** WRRSP funds may not be used for in-house, administrative expenses.*

B. OUTREACH AND PUBLIC NOTIFICATION

Provide a brief description of the project-specific educational and outreach effort that you will implement to ensure the public is aware of the project and the benefits that will result. Include specific efforts and activities, such as publications, project signs, canoe floats, volunteer events, etc. that will be completed to support project specific education and outreach. The WRRSP Program will only pay for an educational sign that, at a minimum, explains the water quality benefits of the project and the funding source. Describe any known public support of, or opposition to, the project. Limit the description to the space provided.

C. POST-IMPLEMENTATION MONITORING

*Provide a brief narrative summary of the methods and resources that will be used to conduct post-project monitoring. The summary should explain how the property is being maintained to protect the project site's conservation values, and include information relating to general management of the property, the frequency of monitoring, the qualifications of staff that will be involved, how invasive species will be controlled and the mechanisms of enforcing use restrictions. Limit the response to the space provided. **NOTE: Monitoring required as part of a 404/401 authorization shall also be provided to DEFA.***

D. PROJECT READINESS TO PROCEED

This question is intended to provide information that will show how soon this project could be implemented if it is selected for funding. DEFA reserves the right to reject any project that fails to demonstrate a reasonable readiness to proceed. Check the box to indicate that the criteria have or have not been met. Use the space below to explain or attach additional sheets as necessary.

YES	NO	
<input type="checkbox"/>	<input type="checkbox"/>	1. Ownership of the project property is known.
<input type="checkbox"/>	<input type="checkbox"/>	2. Land owners are willing to sell – if project includes property purchase, indicate by checking the box yes if property owners have been contacted and are willing to sell the property.
<input type="checkbox"/>	<input type="checkbox"/>	3. Property rights will remain attached and not be severed– if project includes property purchase, indicate by checking yes if property owners do not plan to sever any rights as part of the property purchase.
<input type="checkbox"/>	<input type="checkbox"/>	4. Project implementation can begin as soon as project is awarded – Project work is not contingent upon work by other parties.
<input type="checkbox"/>	<input type="checkbox"/>	5. The project is consistent with local land use planning and there is no known public opposition to the project.
<input type="checkbox"/>	<input type="checkbox"/>	6. A long-term manager for the project has been identified (if the Implementer will not be the manager).
<input type="checkbox"/>	<input type="checkbox"/>	7. All non-WRRSP funding sources have been approved, and sufficient funds will be available to fully implement the project as <u>nominated</u> (Note: excludes future/potential match funding).

FOR PROTECTION PROJECTS ONLY- 1-YEAR CYCLE

YES	NO	
<input type="checkbox"/>	<input type="checkbox"/>	1. 1-year Cycle– Please check Yes for 1-year cycle funding consideration.
<input type="checkbox"/>	<input type="checkbox"/>	2. The project meets Readiness to Proceed Criteria for a 1-year cycle: the following is being submitted with this nomination form... justification for an early award, a Draft Management Plan, a “clean” title search (i.e. no encumbrance or ownership issues), a draft EC (including Final exhibits), an executed purchase agreement, full appraisal report, and a Letter of Intent for the project’s Sponsor.

Note: A one-year funding award is not guaranteed: All documents must be reviewed and approved by DEFA project reviewers, and documents must be finalized before the WPCLF Program Management Plan is made Final for the 2019 Program Year.

E. ACKNOWLEDGEMENT OF YEAR ONE MILESTONES

Place your initials by each date in the schedule below to indicate that, should your project be identified as fundable, you understand these timeframes and understand that **failure to meet the schedule below may put the project at risk of not being funded.**

Activities that Must be Completed in 2019 (Year 1) Prior to Project Approval

1. Submit a draft Management Plan	April 1, 2019	
2. Submit complete Appraisal Report(s) (if not included in the nomination submittal)	May 1, 2019	
3. Submit a draft environmental covenant(s) (including Final Exhibits)	June 1, 2019	
4. Submit a final Management Plan	October 31, 2019	
5. Provide a mutually agreed upon final environmental covenant(s)	October 31, 2019	
6. For projects that include restoration, submit draft detailed designs (60% for design-bid-build) or a detailed request for proposals (for design-build)	October 31, 2019	
7. Identify potential WPCLF sponsor project and submit a formal Letter of Intent from the sponsoring entity	December 29, 2019	

F. PROJECT SCORING INFORMATION AND NOTICES

- To be eligible for funding, each WRRSP project must be nominated and placed on the project priority list.
- To nominate a project, all sections of this form must be completed, and all attachments included with the nomination that is submitted to Ohio EPA's Division of Environmental and Financial Assistance.
- This nomination form does NOT constitute an application for WRRSP funding but requests specific information that will be used to prioritize each project.
- Failure to complete all sections of the nomination form, as instructed, may affect your final project score and may prevent the project from being placed on the project priority list until all required information has been submitted.
- Ohio EPA reserves the right to return the nomination form, in which case the project may not be placed on the project priority list.
- **The deadline for nominations is August 17, 2018.**
- Please direct any questions to (Donovan) Mike Kelly at (614) 644-3644 or Donovan.Kelly@epa.ohio.gov.

G. SUBMITTAL AUTHORIZATION

I hereby certify that I am authorized by my elected or appointed position to submit this nomination on behalf of the applicant identified in Section I, above; the information is complete and accurate to the best of my knowledge and represents the information to be used to determine the priority of this project for funding.

I also acknowledge that WRRSP projects are subject to the placement of [an environmental covenant](#) on all acquisitions and on all areas where restoration funds are being used. I have read, and any other property owners have read, and agree to, the latest Ohio EPA approved covenant and intend to execute it at the appropriate time.

Name (please print)

Title

Signature

Date

PLEASE COMPLETE SECTIONS I, II, III and IV AND SEND WITH ALL ATTACHMENTS TO:

ATTN.: Mike Kelly, DEFA, PCU

Electronic Submission of Data to Ohio EPA: [Liquidfiles Instructions](#)

Once on the site, look for the button labeled "Register (non-Ohio EPA users only)" and click on it.

***Please note that Large Files must be sent to Donovan.Kelly@epa.ohio.gov (as opposed to DEFAMAIL).

ATTACHMENTS

Below is a list of attachments that must be provided with this nomination form. Failure to provide these items may constitute an incomplete form and could result in your project not being placed on the project priority list. Place a checkmark by each attachment to confirm that it is included in the nomination form.

<input type="checkbox"/>	1. Appraisal Report(s) full or Restricted Appraisal Report (<i>NOTE: full Appraisal Report(s) will be required for projects selected for funding</i>).
<input type="checkbox"/>	2. Title Search (includes full copies of all encumbrances/actual recordings) Note: This is required for both protection and restoration projects regardless of ownership.
<input type="checkbox"/>	3. Assessment Forms (QHEI, HHEI/HMFEI, ORAM, etc.) <i>NOTE: full/entire assessment forms are required (includes background info, scoring boundary worksheets, narrative rating, worksheets et cetera) and completed as instructed by the associated manual.</i>
<input type="checkbox"/>	4. Photographs <i>NOTE: photographs should be in color, legible and representative of the project area. Include a map that indicates the location and orientation from which the photos were taken.</i>
<input type="checkbox"/>	5. Project Location Map should include all areas that will be protected under the environmental covenant.
<input type="checkbox"/>	6. USGS quadrangle map with the specific project location(s) indicated.
<input type="checkbox"/>	7. Aerial Imagery of the project site.
<input type="checkbox"/>	8. Soils maps.
<input type="checkbox"/>	9. Location and boundaries of all aquatic resources on the project site.
<input type="checkbox"/>	10. Proposed Environmental Covenant Boundary Map which clearly delineates the proposed boundaries (Note: includes areas where WRRSP funds are used and adequate buffer).
<input type="checkbox"/>	11. Map identifying the location of all encumbrance, easements, rights-of-way, etc.
<input type="checkbox"/>	12. Sources of Impairments Worksheets. Complete the worksheet attached to this nomination form describing the sources of impairment.
<input type="checkbox"/>	13. Exhibit identifying the location past and potential future projects that will either adversely or positively affect the project.
<input type="checkbox"/>	14. Encumbrance Worksheet complete the form attached to this nomination describing all encumbrances.
<input type="checkbox"/>	15. For Protection Projects (Optional): 1-year cycle submittals (see IV.D).
<input type="checkbox"/>	16. For Wetland Restoration Projects: Wetland Restoration Checklist
<input type="checkbox"/>	17. For Stream Restoration Projects: Wetland Restoration Checklist
<input type="checkbox"/>	18. Phase 1 Environmental Site Assessment (for any restoration projects with a potential presence of hazardous substances, pollutants, or contaminants)

Acronyms

AmphIBI	Amphibian Index of Biotic Integrity	Ohio EPA	Ohio Environmental Protection Agency
DEFA	Division of Environmental and Financial Assistance	ORAM	Ohio Rapid Assessment Method
EWH	Exceptional Warmwater Habitat	PHWH	Primary Headwater Habitat
HHEI	Headwater Habitat Evaluation Index	PPL	Project Priority List
HMFEI	Headwater Manual Field Evaluation Index	QHEI	Qualitative Habitat Evaluation Index
HUC	Hydrologic Unit Code	RAP	Remedial Action Plan
IBI	Index of Biotic Integrity	SHQW	Superior High Quality Water
ICI	Invertebrate Community Index	TMDL	Total Maximum Daily Load
IPL	Intended Project List	VIBI	Vegetative Index of Biotic Integrity
LCI	Lake Condition Index	WAP	Watershed Action Plan
NRCS	Natural Resources Conservation Service	WPCLF	Water Pollution Control Loan Fund
ODNR	Ohio Department of Natural Resources	WRRSP	Water Resource Restoration Sponsor Program

Attachment 12. Stream and Wetland Impairment Sources Worksheet Program Year 2019 WRRSP Nomination Form

Stream Impairment Sources

In the table below, identify each source of impairment to the stream(s) located on the project site, indicate how the impairment source is documented and the degree to which it will be addressed by the project. The impairment source does not need to be in the project reach to adversely affect the stream.

Impairment Source	Sources of Data (Check all that Apply)				Sources Addressed	Detailed Description of how Impairment Source will be Addressed
	303 (d)	TMD L	WAP	Visual Inspection	None (N), Partial (P), or Fully (F)	
Non-Point Sources						
Silviculture						
Agriculture- Row Crop						
Agriculture-Pasture						
Urban Runoff						
Landfill (Current/Historic)						
Acid Mine Drainage						
Failing HSTS						
Point Sources						
Point Sources - Municipal						
Point Sources - Industrial						
Combined Sewer Overflows						
Sanitary Sewer Overflows						
Habitat Modification						
Roads/Highways/Bridges						
Development						
Riparian Buffer Removal						
Streambank Erosion						
Sediment Deposition						
Invasive Species						
Hydromodification						
Channelization/Ditching						
Dams/Impoundment						
Levee/Berms						
Dredging						
Mineral Extraction						
Culverts						
Water Withdrawal/Diversion						
Flow Regulation						
Altered hydrology						
Other						
Total						

Wetland Impairment Sources

In the table below, identify each source of impairment to the wetland(s) located on the project site, how the impairment source is documented and the degree to which it will be addressed by this project. Note: most wetland impairment sources will need to be documented through visual inspection.

Impairment Source	Sources of Data (Check all that Apply)				Sources addressed by Project	Detailed Description of how Impairment Source will be Addressed
	303 (d)	TMD L	WAP	Visual Inspection	None (N), Partial (P), or Fully (F)	
Hydrologic Stressors						
Ditching						
Draining						
Stormwater - Flooding						
Stormwater- Nutrients						
Point Source Discharges						
Dikes/Weirs/Berms						
Road/Railroad Bed						
Stream Alteration						
Habitat Stressors						
Dredging						
Filling						
Grading						
Sedimentation						
Agriculture - Grazing						
Mowing						
Selective Cutting						
Buffer Stressors						
Mowing						
Silviculture						
Chemical Application						
Agriculture- Farming						
Agriculture - Grazing						
Invasive species						
Other						
Total						

Streams – Impairment Source Definitions

Impairment Source	Description
Non-Point Sources	
Silviculture	Results in increased sediment loads from logging activity and/or clearcutting of trees along the riparian corridor that eliminates buffers
Agriculture- Row Crop	Runoff from agricultural activity that increases nutrient and/or sediment loads from the planting of row crops
Agriculture-Pasture	Use of the stream and or buffer by livestock
Urban Runoff	Discharges from developed areas that cause flashy flows, increased sediment loads, or introduce chemicals and/or nutrients
Landfill (Current/Historic)	Legacy and/or ongoing discharges from landfills
Acid Mine Drainage	Legacy and/or ongoing discharges of AMD into a stream
Failing HSTS	Discharges of untreated/poorly treated domestic wastewater from HSTSs
Point Sources	
Point Sources - Municipal	Point source discharges from municipal WWTP sources
Point Sources - Industrial	Point source discharges from industrial WWTP sources
Combined Sewer Overflows	Discharges of CSOs into a stream
Sanitary Sewer Overflows	Discharges of SSOs into a stream
Habitat Modification	
Roads/Highways/Bridges	Construction activity
Development	Residential, commercial or industrial construction activity
Riparian Buffer Removal	Clearing that has resulted in quality buffers less than 50 meters in width along either bank of the stream
Streambank Erosion	Wearing away of the banks of the stream
Sediment Deposition	Deposition of fine material over the natural substrate of the stream
Invasive Species	Any non-native species that impacts water quality or outcompetes native species (e.g., Multiflora rose, Japanese honeysuckle, European buckthorn, etc.)
Hydromodification	
Channelization/Ditching	Physical alteration of the stream channel that reduces or eliminates sinuosity and/or disconnects the stream from its floodplain
Dams/Impoundment	Instream structures that cause impounded conditions
Levee/Berms	Structures located adjacent to the stream
Dredging	In-stream activity to remove sediment and bedload materials
Mineral Extraction	In-stream activity to remove bedload materials
Culverts	Impacts to flow regime caused by instream structures
Water Withdrawal/Diversion	Removal of sufficient water quantities to affect stream flow and/or biology
Flow Regulation	Intentional manipulation of stream flow
Altered hydrology	Changes in flow regime due to urbanization or excessive tiling

Wetlands – Impairment Source Definitions

Impairment Source	Description
Hydrologic Stressors	
Ditching	Includes any anthropogenic attempt to drain a wetland including artificial ditches
Draining	Includes any anthropogenic attempt to drain a wetland including the presence of drain tiles
Stormwater - Flooding	Storm water inputs that change the hydrology of the wetland
Stormwater- Nutrients	Storm water inputs that contain nutrients and cause eutrophication or changes in plant community
Point Source Discharges	Direct point source discharge into the wetland or into a tributary that discharges into the wetland
Dikes/Weirs/Berms	Artificial structures that influence water flows into or out of the wetland (beaver dams are not included)
Road/Railroad Bed	Construction of a road or railroad bed that impounds or impedes hydrology
Stream Alteration	Artificial manipulation of a natural stream channel to increase or decrease flow into or out of the wetland
Habitat Stressors	
Dredging	Any surface alteration that changes the depth of the wetland
Filling	Direct placement of fill material into the wetland for any purpose
Sedimentation	Discharge of sediment from runoff into the wetland from any source
Agriculture - Grazing	Use of the wetland by livestock related activities
Mowing	Removal of all or portions of the wetland buffer
Selective Cutting	Selective clearing of woody vegetation including trees and shrubs
Buffer Stressors	
Mowing	Removal of herbaceous vegetation in all or portions of the wetland buffer
Silviculture	Largescale removal of woody vegetation in all or portion of the wetland buffer or adjacent areas that adversely impact the wetland
Chemical Application	Application of herbicides that adversely affects vegetation within the buffer
Agriculture- Farming	Runoff from agricultural activity that increases nutrient and/or sediment loads from the planting of row crops
Agriculture - Grazing	Use of the buffer by livestock
Invasive species	Presence of invasive species that outcompetes natural wetland vegetation (e.g., Multiflora rose, Japanese honeysuckle, European buckthorn, etc.)

Attachment 14. Encumbrance Worksheet
Water Resource Restoration Sponsor Program (WRRSP)
 Encumbrance Worksheet 2019

Type of Encumbrance	Check any applicable	Date of Expiration	Parcel(s) Affected	Undefined (check if undefined)
Road right of way				
Lien(s)				
Conservation Easement(s)				
Agricultural Easement(s)				
Maintenance Easement(s)				
Timber Rights				
Utility Rights of Way				
Oil & Gas lease(s)- No well ever drilled				
Oil & Gas lease(s)- Well Drilled, But No Royalties Being Paid.				
Oil & Gas lease(s)- Well Drilled, Minimum Royalties Being Paid				
Mineral lease(s)				
Other (specify):				

PROJECT SUMMARY

Use this space to provide a brief description/summary of the way in which each of the above encumbrances will affect the project's implementation as well as the on-site water resources/hydrology.

- a. Are there any encumbrances recorded in the property(ies)'s title history?
 Yes
 No
 Explanation: Please include as an attachment.
- b. Are there any written encumbrances on the property that are unrecorded?
 Yes
 No
- c. Are all mineral rights, including oil and gas, attached to the property?
 Yes
 No
 Date(s) severed: _____
- d. If mineral rights were severed prior to January 1, 2014, will the mineral deed holder agree to either rejoin the property rights/deeds or subordinate the mineral rights to Ohio EPA's Environmental Covenant?
 Yes
 No
 Explanation: Please include as an attachment.
- e. Are there any oil or gas wells located on the property(ies)?
 Yes (Active)
 Yes (Inactive/Former)
 Yes (Other)
 No (the title search did not identify any oil and/or gas wells or leases located on the property(ies))
- f. If any response to question (e) was Yes, will any active wells be capped/sealed and the associated lease(s) either transferred to the WRRSP recipient for termination, or otherwise legally vacated to prevent any future exercise of surface exploration or drilling rights?
 Yes
 No
 N/A
- g. Is any type of resource extraction (e.g., water, timber etc.) permitted on the property?
 Yes
 No
 Explanation: Please include as an attachment.
- h. Do any of the existing encumbrances allow for the construction/expansion of roadways, pipelines, electric transmission lines, sewer and water lines, or other such surface-disturbing features?
 Yes
 No
- i. Is the property being sold in fee simple and if not, is the purchase price reduced accordingly?
 Yes
 No
 Explanation: Please include as an attachment.
- j. For property appraisals, has the appraiser been qualified by the Ohio Department of Natural Resources' Office of Real Estate?
 Yes
 No
 Explanation: Please include as an attachment.

For properties with oil and gas leases, the below paragraph must replace section 18 of our standard Covenant template. Additional changes may be required depending on the exact terms of the leases, or for other types of encumbrances on the property.

18. Encumbrances. The Parties agree that a holder of an effective Encumbrance shall be permitted to conduct activities on, and make uses of, the Property for the limited purposes provided in the Encumbrance, subject to the provisions of the following paragraphs.
 - a. Owner will not approve sighting of any new oil and gas wells pursuant to the Oil and Gas Lease, by and between **X, to X, dated X, filed for/record dated X** and recorded in Volume **X**, Page **X** of the **X** County Records.
 - b. When a holder of an Encumbrance performs any activity on the Property, the Owner and the Holders shall, or shall cause the Encumbrance holder to, restore the Property as quickly as possible to its original condition. Such restoration shall be designed and implemented with prior consultation with Ohio EPA and shall be incorporated into the Plan for future maintenance.

Attachment 16. Wetland Restoration Checklist Water Resource Restoration Sponsor Program (WRRSP)

The following information should be provided for Ohio EPA to better determine the likelihood that your project will result in the proposed ecological lift.

1. Conceptual project map showing location of existing wetlands and proposed boundaries of wetlands to be restored. The exhibit should show the full extent of any existing wetlands that extend onto adjacent properties;
2. Habitat, vegetation, and amphibian restoration targets;
3. Conceptual cross sections of restored wetlands and buffer areas (as many as necessary depending upon the variability of the site);
4. Proposed wetland vegetation communities/HGM Classification(s) (forested, scrub-shrub, emergent, etc.) to be established, and areas of invasive species;
5. Discussion of how the restoration design will address all identified sources of impairment;
6. Description of soils including hydric soils maps and how soils criteria will be met;
7. Discussion of the sources of hydrology and likely hydrology budget;
8. Discussion of ORAM metrics and how scores will be improved;
9. Discussion of existing easements and ownership rights and how they might impact project implementation and water quality restoration goals and objectives
10. How invasive species will be controlled;
11. Proposed uses such as trails, shelters, and other passive use amenities and how they will be incorporated into the design without adversely impacting the water quality restoration goals and objectives.
12. Any additional information you wish to present that will inform Ohio EPA's review of the conceptual plan.

Attachment 17. Stream Restoration Checklist **Water Resource Restoration Sponsor Program (WRRSP)**

The following information should be provided for Ohio EPA to better determine the likelihood that your project will result in the described ecological benefits.

1. Conceptual project map showing location of the existing stream(s) and up- and downstream termini of reaches to be restored. The exhibit should demonstrate the watershed context in which the restoration will occur;
2. Aquatic life use designations, habitat, fish, and macroinvertebrate restoration targets;
3. Conceptual cross sections of the restored stream and buffer areas (as many as necessary depending upon the variability of the site);
4. Description of watershed characterization and whether the design will be based on a reference reach or regional curves;
5. Discussion of how the restoration design will address all impairment sources and how the restoration plan will address these such as percent impervious cover, forest cover, urban or agricultural runoff and how might impact project implementation and water quality restoration goals and objectives;
6. Discussion of QHEI or HHEI score and which metrics will be improved;
7. Discussion of existing easements and ownership rights and how they might impact project implementation and water quality restoration goals and objectives;
8. Discussion of riparian buffer widths and vegetation and how invasive species will be controlled;
9. Proposed uses such as trails, shelters, and other passive use amenities and how they will be incorporated into the design without adversely impacting the water quality restoration goals and objectives.
10. Any additional information you wish to present that will inform Ohio EPA's review of the conceptual plan.