

Appendix B

Statement of Work for the Manhattan Marsh Restoration Project

Appendix B

Scope of Work for the City of Toledo Restoration Work Plan for the Manhattan Marsh Restoration Project

I. Purpose

The purpose of this Scope of Work is to describe the Trustees' minimum requirements for a Restoration Work Plan to be developed by the City of Toledo (the "City") for restoration of the Manhattan Marsh. The Restoration Work Plan would be submitted to the Trustees for their review and approval.

II. Restoration Properties

The City has been consolidating and acquiring potential restoration properties that collectively are called the "Manhattan Marsh Property." These properties comprise at least 50 acres located in North Toledo with latitude and longitude coordinates ranging from latitude 41.119115 to 41.11895458 and longitude -81.473407 to -81.47318068.

The Restoration Work Plan shall specify restoration performance measures to be performed during the implementation of the project. Restoration Work Plan requirements are provided in Section III; they reflect the scope of the project as envisioned by the Trustees.

The Trustees' concept for the Manhattan Marsh includes the following:

1. Acquire and maintain through property use restrictions (*e.g.*, environmental covenants up to 60 (and minimum of 50) acres of property (if possible, contiguous) in the identified location.
2. Restore and maintain the acres as wetland or related habitat through removal of debris, refuse, and limited soil modification to support wetland habitats.
3. Maintenance of native wetland plants through an invasive plant species control program.

If appropriate, the Trustees' concept also includes enhancement of public use through access via developed trails/walkways in the restored marsh or the placement of a primitive canoe launch. In such case, the City shall submit a proposal or proposals of the details as to the construction and the walkways and/or primitive canoe launch to the Trustees for approval.

III. General Restoration Work Plan Requirements

The Restoration Work Plan for the Manhattan Marsh Restoration Project shall include:

1. Topographic maps showing the location of the property or properties to be consolidated into the Manhattan Marsh Restoration Project and an elevation survey to evaluate the feasibility of increasing and maintaining control of water depths in the marsh by means of a water control structure.
2. The total acreage of each property, as well as an estimate from aerial photographs and GIS, or other mapping software, of the acreages of various habitat types existing on each property.
3. A brief description of the ecological value and natural resource services provided by the completed Manhattan Marsh Restoration Project.
4. A brief description of wetlands and other features on the Manhattan Marsh Property that the City will be required to enhance through actions such as control of exotic and/or invasive species, establishment of native species of plants and shrubs where needed to enhance the existing emergent wetland habitat, limited soil modifications, and a detailed plan for implementation of such activities to enhance natural resource services provided by the Manhattan Marsh Property. The Trustees may, at their discretion, require Restoration Work Plan supplements for such activities.
5. Identification and of all trash and/or debris within the boundaries of the Manhattan Marsh Property and a plan for removal of such. The City shall not be required to remove existing concrete materials previously placed at the site. A map is to be provided in the work plan identifying the locations of existing concrete materials that are to remain.
6. A detailed maintenance and monitoring plan, including restoration performance measures consistent with Ohio EPA's wetland monitoring program, to be implemented by the City, for a fifty year period post construction.
7. Detailed Manhattan Marsh Restoration Project cost estimates and an implementation schedule for items 4 and 6 above.

The City shall obtain all permits required for implementation of the Manhattan Marsh Restoration Project.

IV. Progress Reports

During the period of the development and implementation of the Restoration Work Plan, the City shall submit brief (1 to 2 page) quarterly progress reports delineating the status

of the various Restoration Work Plan requirements. The Progress Report shall be submitted by the 5th day of the following month following each three-month period. The frequency of the Progress Reports may be reduced as agreed to by the Trustees. The Progress Reports shall include:

1. Activities conducted during the period.
2. Problems encountered during the period.
3. Schedule variances and corrective actions, if necessary.
4. Projected activities for the next month.
5. Documents related to or appertaining to conservation agreements.
6. Status of permits and applications.

V. Deliverables

The following deliverables will be generated and submitted to the Trustee representatives for approval as per the schedule below. Note that some specific deliverables may be streamlined or waived at the discretion of the Trustees.

DELIVERABLE (UNLESS WAIVED BY THE TRUSTEES)	DUE DATE
Restoration Work Plan	Due 120 days after the effective date of the Consent Decree.
Progress Reports	Quarterly reports due during the period of development and implementation of the Restoration Work Plan. Quarterly reports due on the fifth day of the next month following each three-month period. Trustees may modify or waive one or more quarterly due dates at their discretion.
Maintenance and Monitoring Plan for Manhattan Marsh Property	Due 30 days after the Restoration Work Plan has been approved, but prior to implementation of the Restoration Work Plan, unless the deliverable is waived by the Trustees.
Restoration Completion Report	In accordance with the Consent Decree.

In addition to the requirements of Section XVIII of the Consent Decree, deliverables shall also be submitted via electronic mail to the individuals at the addresses specified below, unless those individuals or their successors give notice of a change to the City in writing:

- Deborah Millsap, U.S. Fish and Wildlife Service, Deborah_millsap@fws.gov
- Brian Tucker, Ohio EPA, brian.tucker@epa.ohio.gov