

WORK PLAN
Stormwater Management
Former McLouth Steel Site
Riverview-Trenton Railroad Property
18251 West Jefferson Avenue
Riverview, Michigan

June 28, 2019

Prepared For:

Riverview Trenton Rail Road Company
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ASTI Project No. 10860



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1.0 Introduction

ASTI Environmental (“ASTI”) has prepared this Stormwater Management Work Plan for the approximately 76.2 acre portion of the former McLouth Steel site commonly known as the Riverview-Trenton Railroad Property (Parcel No: 51009030001000, Parcel No: 54001010082300, and Parcel No: 54001990006704) located at 18251 West Jefferson Avenue in Riverview and Trenton, Wayne County, Michigan (“Subject Property”). A Site Location Map is provided as Figure 1 and the Subject Property is depicted on Figure 2. The Former McLouth Steel site operated stormwater and wastewater discharges under a NPDES permit during operations as a steel mill, but there is no evidence that a stormwater collection system or a point source discharge exists for the Subject Property.

This Stormwater Management Work Plan was developed to implement portions of the Statement of Work (“SOW”) described in Attachment A of the Corrective Action and Consent Order (“CACO”) dated November 1, 2018 for the Subject Property. The Subject Property is referred to as Site Identification Number MIK420024889 in the CACO. Unless otherwise provided herein, all terms used in this Stormwater Work Plan are defined as provided in the CACO. The purpose of this Stormwater Management Work Plan is to provide an outline for preparing a feasibility analysis of stormwater management options to eliminate sheet flow to the Trenton Channel and Monguagon Creek (Figure 2).

ASTI will complete a stormwater management study to determine controls to eliminate sheet flow to the Trenton Channel. The study will include an evaluation of the geographic area and, if necessary, preparation of the necessary permits required by the State of Michigan. Stormwater management options to consider may include, but are not limited to:

1. Re-grade the Subject Property to collect stormwater. Re-grading will consider future site development plans into account (future development is undetermined at this time),
2. On-site retention,
3. Discharge under a general permit,
4. Discharge to the Trenton Channel under a National Pollutant Discharge Elimination System (NPDES), or
5. Discharge to the City of Wyandotte Publicly Owned Treatment System (POTW).

2.0 Considerations for the Storm Water Management Study

ASTI assumes that the Stormwater Pollution Prevention Plan and NPDES Permit will not be required since there are no industrial activities and no point-source discharges for the Subject

Property. However, if necessary, ASTI will prepare a Soil Erosion and Sediment Control Application and submit to the Cities of Riverview and Trenton.

The stormwater study will be based on information from available site maps and topographical and ALTA surveys, as well as site observations made in the field during site visits, to determine if sheet flow runoff occurs. Stormwater runoff sampling will not be included as part of the feasible options assessment.

3.0 Interim Measures

No interim measures are required for this study.

4.0 Schedule

The stormwater feasibility study will begin immediately after approval of this Work Plan by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The Stormwater Management Report will be prepared and submitted to EGLE after conclusion of the study. A Soil Erosion and Sediment Control Application will be submitted to Wayne County within two months of approval of this Work Plan. The Stormwater Management Report will be provided within nine months of approval of this Work Plan.

5.0 Cost Estimate

The estimated costs to implement the tasks included in this Work Plan are provided below:

SESC Permit	\$10,000
Stormwater Options Report	<u>\$5,600</u>
Total Above	\$15,600

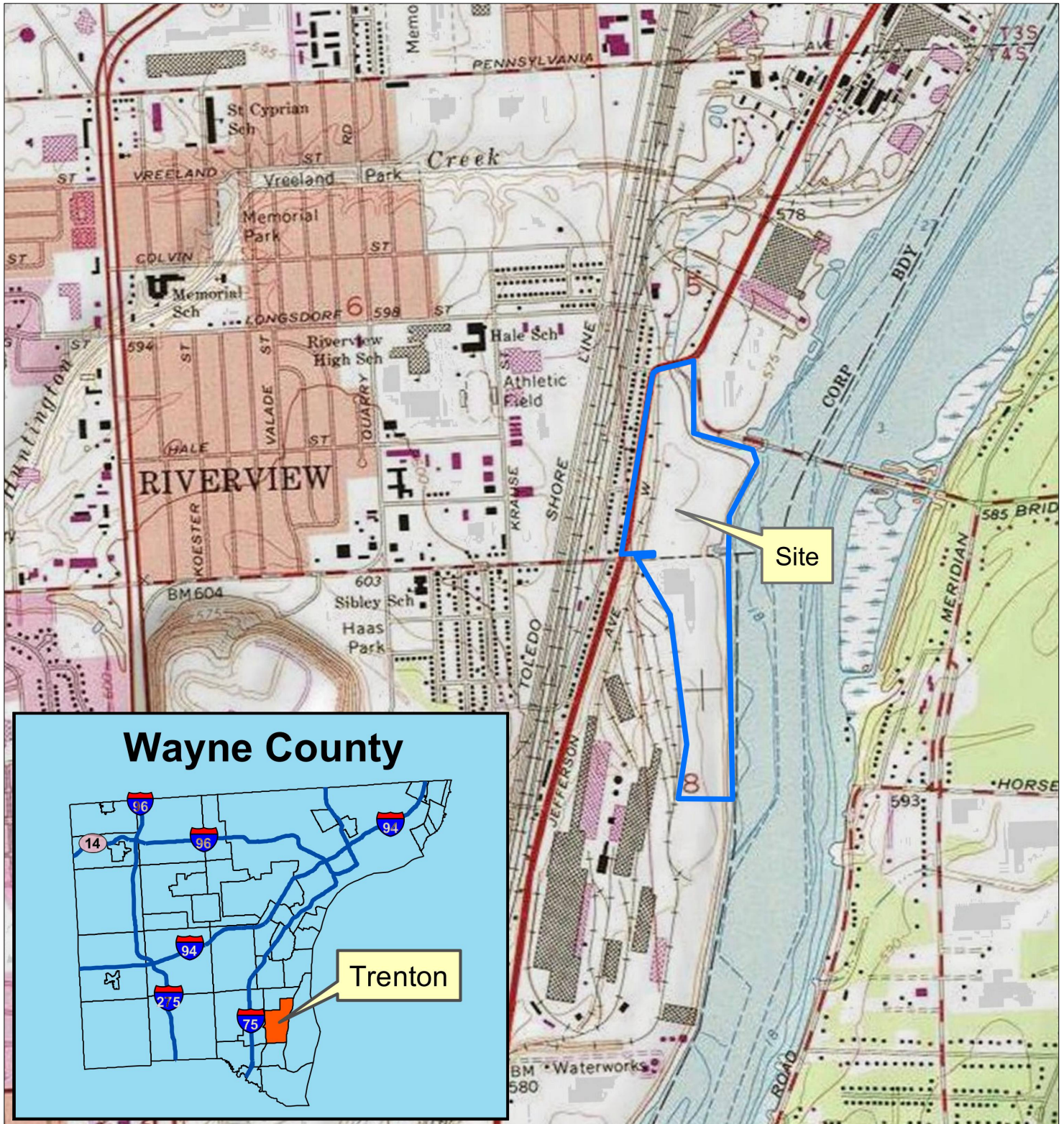
Attachment A

Figures

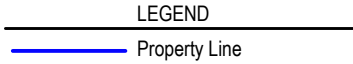
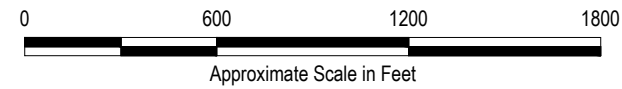
1 - Site Location Map

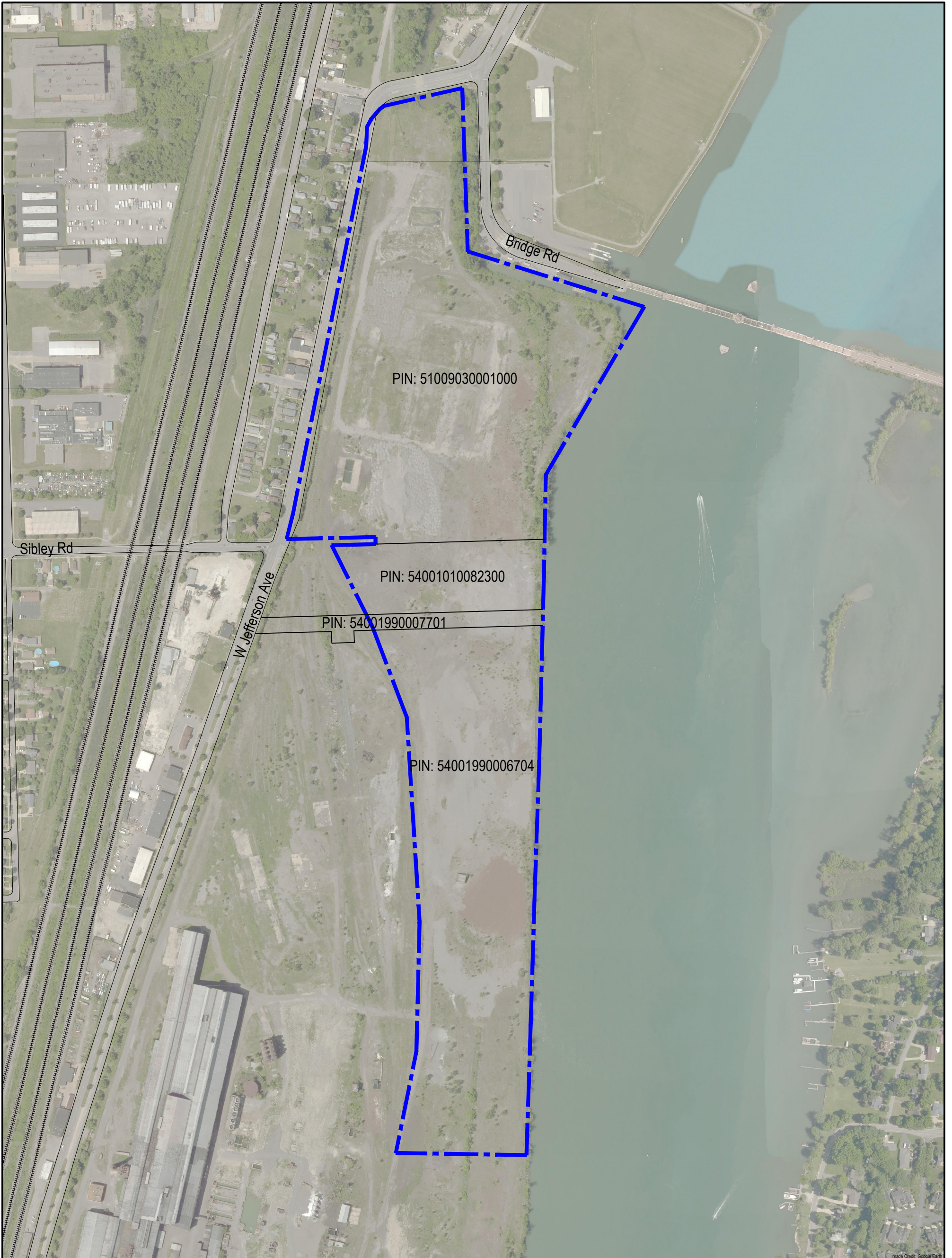
2 - RTRR Property Map

STORMWATER MANAGEMENT WORK PLAN



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LEGEND

- ▬ Subject Property
- Approx. Parcel Boundary

