



**US Army Corps
of Engineers** ®
Rock Island District

PUBLIC NOTICE

Applicant: City of Clinton, IA

Date: August 30, 2022

CEMVR-RD-2021-1076

Expires: September 28, 2022

Section 10/404/408

**Joint Public Notice
US Army Corps of Engineers
Iowa Department of Natural Resources**

1. **Applicant:** City of Clinton, 4025 South 30th Street, Clinton, Iowa 52732.
2. **Project Location:** The project is located at 4025 South 30th Street, Clinton Iowa. Clinton County, Iowa. The approximate center of the project is located at: UTM NAD-83 Zone 15. Northing 4632268.13, Easting 729052.20. Latitude 41.8092, Longitude -90.2426.
3. **408 Request:** In compliance with 33 USC 408 (Section 14 of the Rivers and Harbors Act of 1899; hereinafter Section 408), the Clinton Regional Wastewater Reclamation Facility currently discharges to Beaver Slough and, requested permission to modify the Clinton Levee, an existing federally-authorized flood risk management project situated along Beaver Slough part of the Mississippi River. The proposal includes adding a 30-inch discharge pipe to the Mississippi River. Modifications to the USACE levee are located at the old municipal sewage treatment plant.

4. Project Description:

A. The project includes diversion of wastewater from the Archer Daniels Midland (ADM) wastewater treatment plant to the City of Clinton's Regional Wastewater Reclamation Facility for treatment. The project work at the treatment plant will include addition of anaerobic pretreatment with an ADI-BVF, two biological nutrient reduction basins, two final clarifiers, new rotary drum thickener and a two-channel rotary press addition for sludge handling. This work will result in 3 acres of wetland loss. ADM discharges treated wastewater to the Mississippi River and operates under NPDES Permit No. 2326101. The Clinton Regional Wastewater Reclamation Facility discharges to Beaver Slough and operates under NPDES Permit No. 2326001. The City of Clinton has come to an agreement with ADM for the City to accept the proposed waste stream from ADM. This requires new conveyance piping and expansion of the existing RWRWF to accommodate the additional flow and load capacity and meet future discharge limits. The Project is funded by the Clean Water State Revolving Fund (CWSRF) Program, assigned SRF project #CS1921021-01.

B. The ADM Pump Station is a submersible style pump station with pumps located in a sump pit. The pumps are submerged and pump out through the 24-inch forcemain. Construction of the outfall expansion is needed to convey the future flow for discharge into the Beaver Channel of the Mississippi River. The current outfall is a single 36-inch diameter pipe. The proposed outfall construction adds a parallel 30-inch pipe to increase the outfall capacity.

C. The proposed project would result in the discharge of fill material into approximately 3.38 acres of emergent wetland. The total permanent loss of wetlands would be 3.38 acres. Impacts to aquatic resources are shown on the attached map. The permanent impacts occur at the Regional Wastewater Reclamation Site.

5. **Purpose and Need:** The purpose of this project is to make improvements to the wastewater treatment facilities to enhance their reliability, increase capacity and to replace obsolete system to safely and reliably operate the City of Clinton's wastewater system for the next 20 years. The Clinton Regional Wastewater Reclamation Facility (RWRf) is responsible for the collection, transport, and treatment of wastewater for the cities of Clinton, Camanche, and Low Moor. The RWRf discharges treated wastewater to Beaver Slough of the Mississippi River. The City's RWRf cannot meet future limits for E.coli listed in its NPDES permit without modification. Archer Daniels Midland Company (ADM) owns and operates another wastewater treatment facility for industrial process wastewater. The ADM plant discharges treated wastewater to Beaver Slough, just upstream of the City's discharge point. The ADM plant will not be able to adequately treat its wastewater in the future, due to its age and changes in its NPDES discharge requirements. To meet new NPDES discharge limits at ADM's current plant, ADM would need to make major facility upgrades requiring a large footprint. The ADM wastewater plant is landlocked between the railroad tracks, Beaver Slough, an industrial landfill, and a neighboring industry. With no available land to expand to, it is not economically nor physically feasible to implement the treatment processes required to reach new discharge limits on-site.

6. **Avoidance and Minimization:** The applicant has stated that a range of alternatives for the project were developed and considered to reduce and avoid impacts to aquatic resources while maintaining project purpose. The applicant is aware that compensatory mitigation would be required for the loss of wetland resources and has proposed purchasing 3.38 acres emergent wetland credits from the Nahant Marsh in Davenport, Iowa.

7. **Agency Review.** The project plans have been submitted to the Iowa Department of Natural Resources for state certification of the proposed work in accordance with Section 401 of the Clean Water Act. The certification, if issued, will express the Department's opinion that the proposed activity will comply with Iowa's water quality standards (Chapter 61 IAC). The applicant has also applied for authorization of work in the floodplain pursuant to Chapter 455B of the Iowa Code and other applicable state permits. Written comments concerning possible impacts to waters of Iowa should be addressed to: Iowa Department of Natural Resources, 502 East 9th Street, Des Moines, Iowa 50319. A copy of the comments should be provided to the Corps of Engineers office (see paragraph 11, of this public notice for address).

8. **Historical/Archaeological.** The State Historic Preservation Office (SHPO) has provided a concurrence letter in accordance with Section 106 of the National Historic Preservation Act. The concurrence letter is included in Appendix E. Various indigenous tribes with an interest in the area were provided information about the project and asked to comment. No adverse comments have been received, and SHPO has concurred that "no historic properties affected" as a result of the project.

9. **Endangered Species.** District staff has performed a preliminary review of this application for the potential impact on threatened or endangered species pursuant to Section 7 of the Endangered Species Act as amended. The following threatened or endangered species are listed by the United States Fish and Wildlife Service (FWS) as occurring in Clinton County, Iowa; Northern long-eared bat (Threatened), Higgins Eye (pearlymussel) (Endangered), Monarch Butterfly (Candidate), Eastern Prairie Fringed Orchid (Threatened), Western Prairie Fringed Orchid (Threatened). Any comments it may have concerning Federally-listed threatened or endangered species or their critical habitat will be considered in the final assessment of the proposed project.

10. **Dredge/Fill Material Guidelines.** The evaluation of the impact of the proposed activity on the public interest will also include application of the guidelines promulgated by the Administrator of the United States Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

11. **Public Interest Review.** The decision whether to issue the Corps permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

12. **Who Should Reply.** The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. These statements should be submitted on or before the expiration date specified at the top of page 1. These statements should bear upon the adequacy of plans and suitability of locations and should, if appropriate, suggest any changes considered desirable.

13. **Public Hearing Requests.** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. A request may be denied if substantive reasons for holding a hearing are not provided.

14. **Reply to the Corps of Engineers.** Comments concerning the Corps permit should be addressed to the District Engineer, U. S. Army Corps of Engineers, Rock Island District, ATTN: OD-PP (Nelson), Clock Tower Building - Post Office Box 2004, Rock Island, Illinois 61204-2004. Mr. Jeff Nelson (309/794-5559) may be contacted for additional information or emailed at jeffrey.e.nelson@usace.army.mil.

matthew a zehr

Attach
Plan

Mr. Matthew A. Zehr
Chief, Western Branch
Regulatory Division

Drawings No. CEMVR-RD-2021-1076

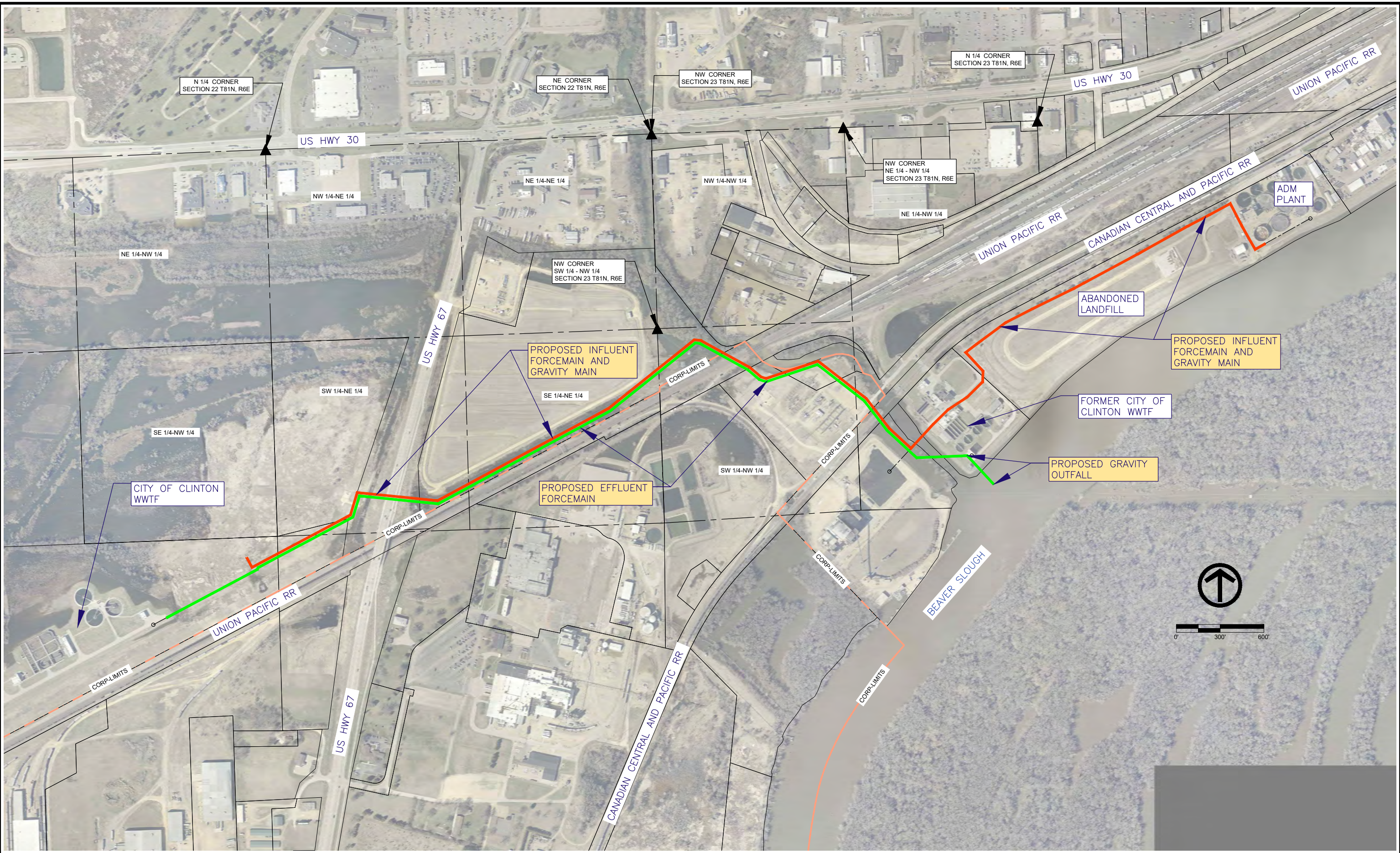
- Exhibit A, Vicinity Map
- Exhibit B, Location Map
- Exhibit C, RWRf ADI-BVF Site Plan
- Exhibit D - Outfall Plans v5-C1 OUTFALL PLAN & PROFILE
- Exhibit E – Impacts

REQUEST TO POSTMASTERS: Please post this notice conspicuously and continuously until the expiration date specified at the top of page 1.

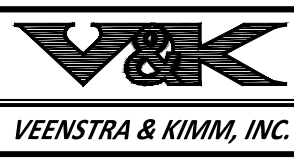
NOTICE TO EDITORS: This notice is provided as background information for your use in formatting news stories. This notice is not a contract for classified display advertising

PLOTTED: Tuesday, July 13, 2021 2:38:15 PM

X-REFS: 3986 Aerial
FILE PATH: Z:\CLINTON 39846 RWRf ADM PLANT EXPANSION\DRAWINGS\EXHIBIT DRAWINGS\404_EXHIBIT



DATE	REVISIONS	AS NOTED	SCALE
		###	DRAWN
		###	CHECKED
		###	APPROVED
		#####	DATE
		---	ISSUED FOR



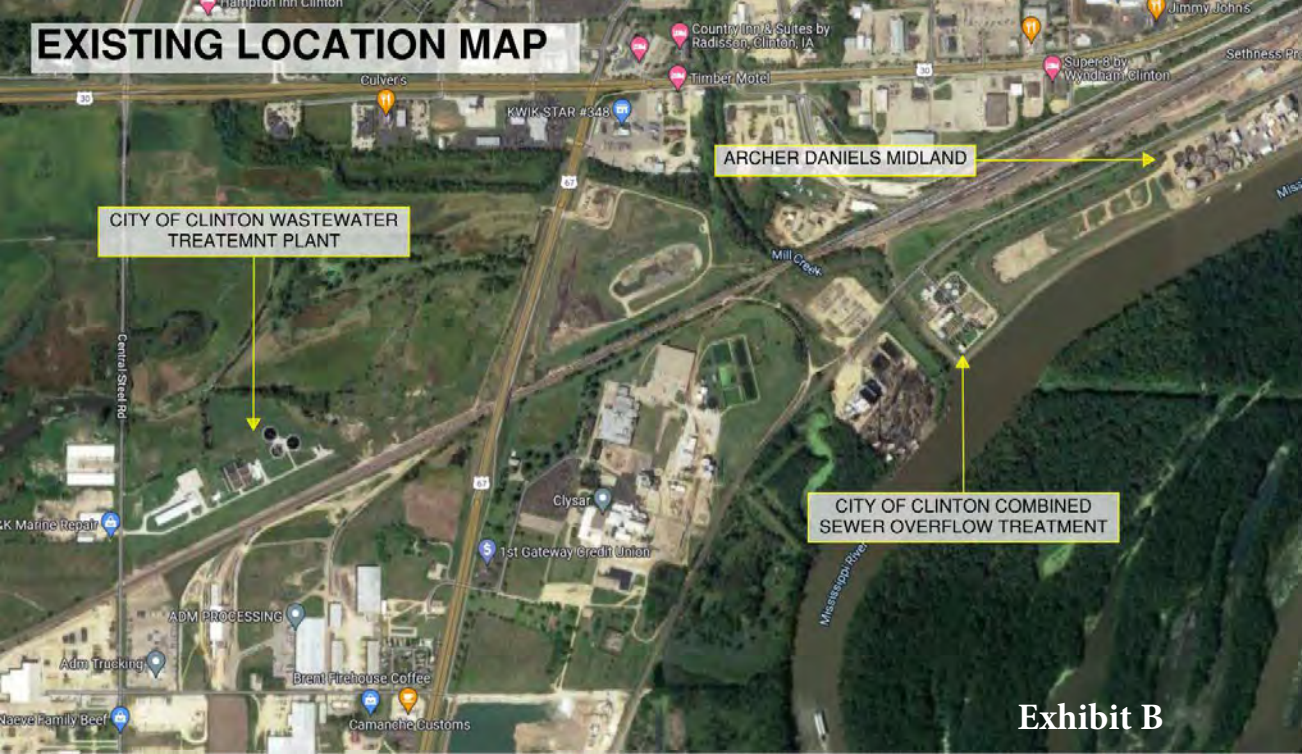
**CLINTON RWRf ADM PLANT EXPANSION
CITY OF CLINTON**

860 22nd Avenue - Suite 4 • Coralville, Iowa 52241-1565
319-466-1000 • 319-466-1008(FAX) • 888-241-8001(WATS)

**EXHIBIT A
PROJECT LOCATION**

DWG. NO.	1
PROJECT	39846

EXISTING LOCATION MAP



CITY OF CLINTON WASTEWATER TREATMENT PLANT

ARCHER DANIELS MIDLAND

CITY OF CLINTON COMBINED SEWER OVERFLOW TREATMENT

Exhibit B

CLINTON RWRF ANAEROBIC EXPANSION

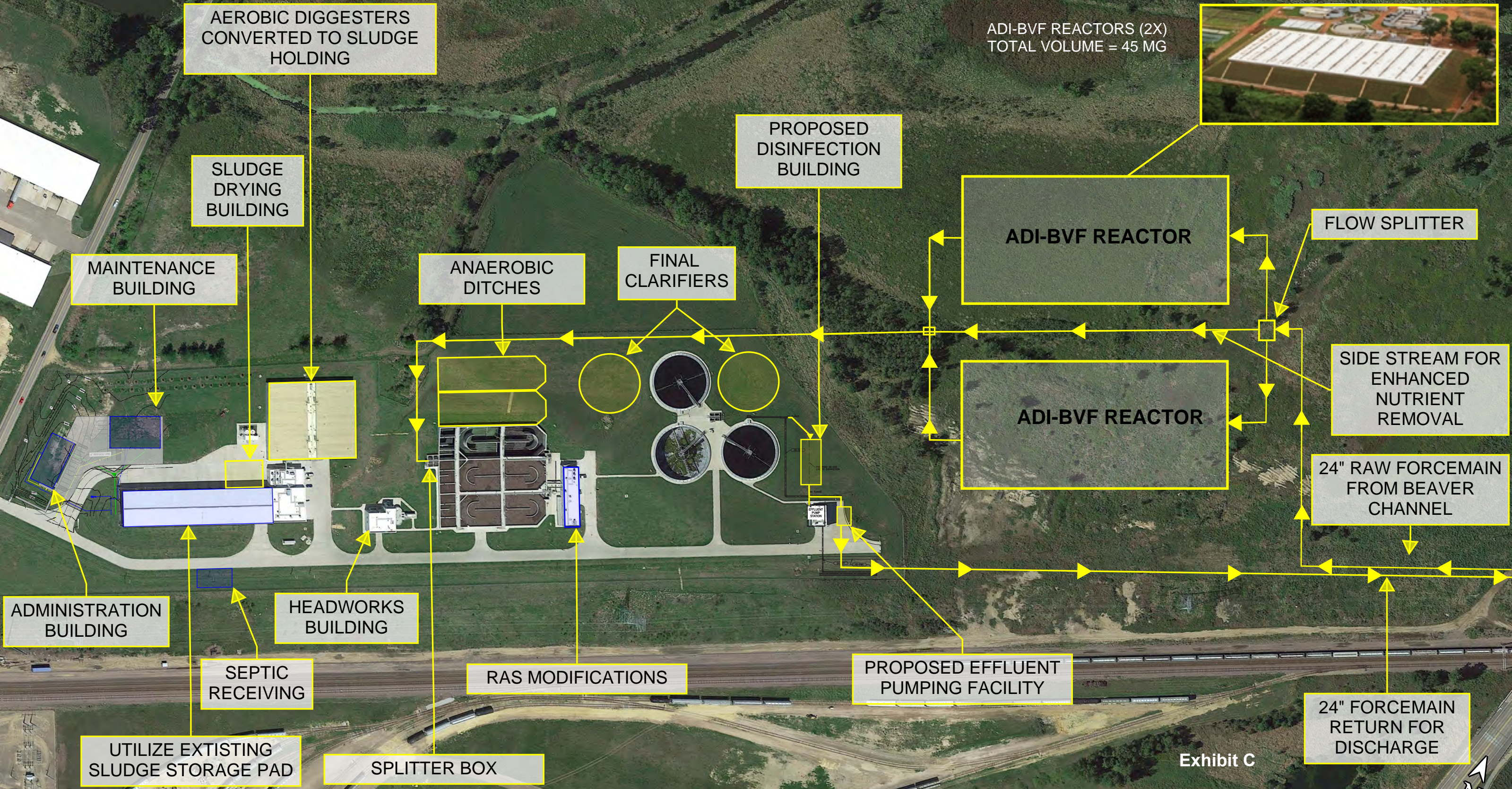


Exhibit C



CLINTON EXISTING PLANT

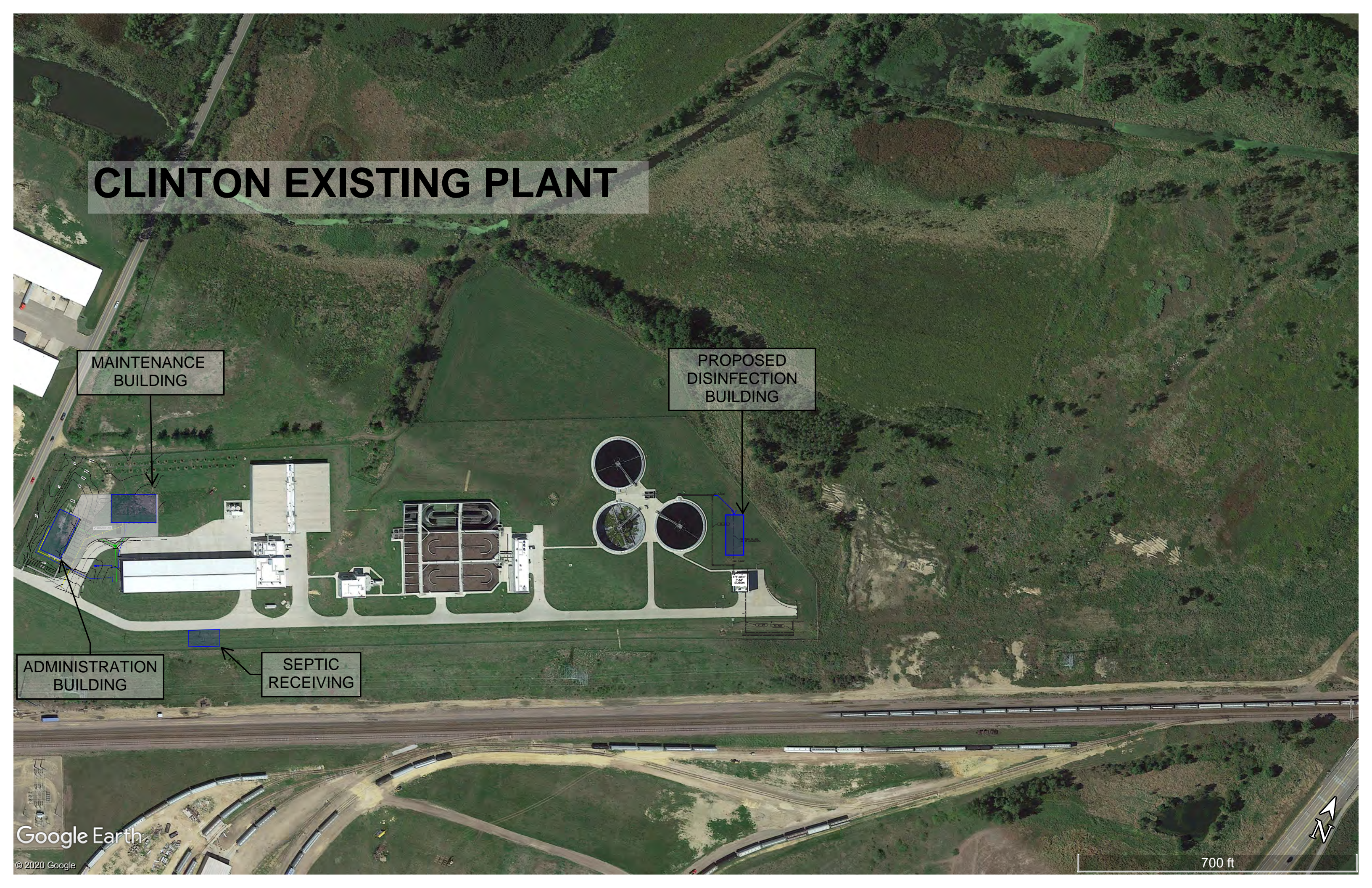
MAINTENANCE BUILDING

PROPOSED DISINFECTION BUILDING

ADMINISTRATION BUILDING

SEPTIC RECEIVING

EFFLUENT PUMP STATION







CLINTON RWRf OUTFALL EXPANSION

333 1st Street SE - Suite 300 • Cedar Rapids, Iowa 52401
 319-382-9324 • 877-727-7704 (WATS)

**Exhibit D
 OUTFALL PLAN & PROFILE**

DWG. NO.	C1
PROJECT	39846

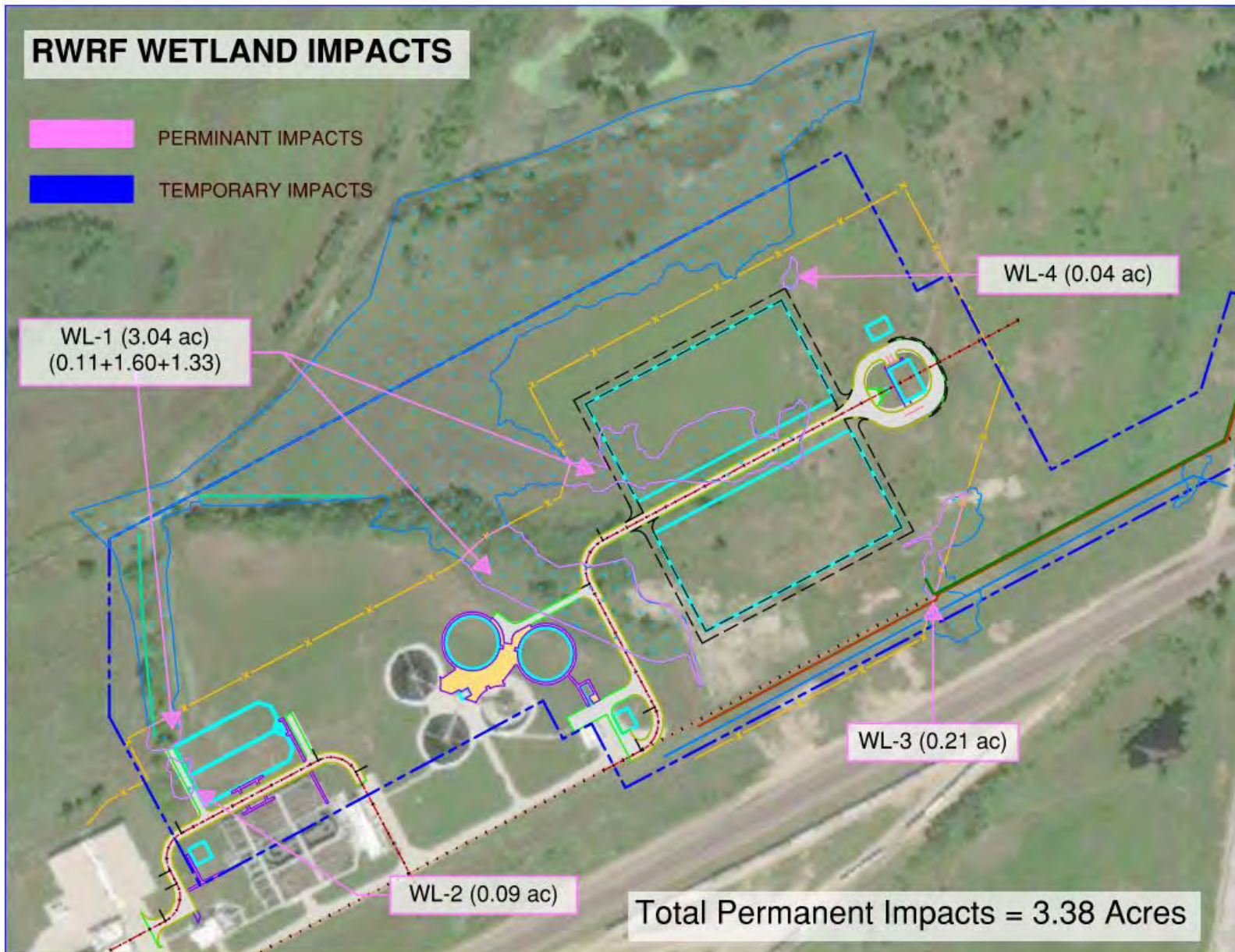


Figure 5 – Wetland Impacts – RWRF

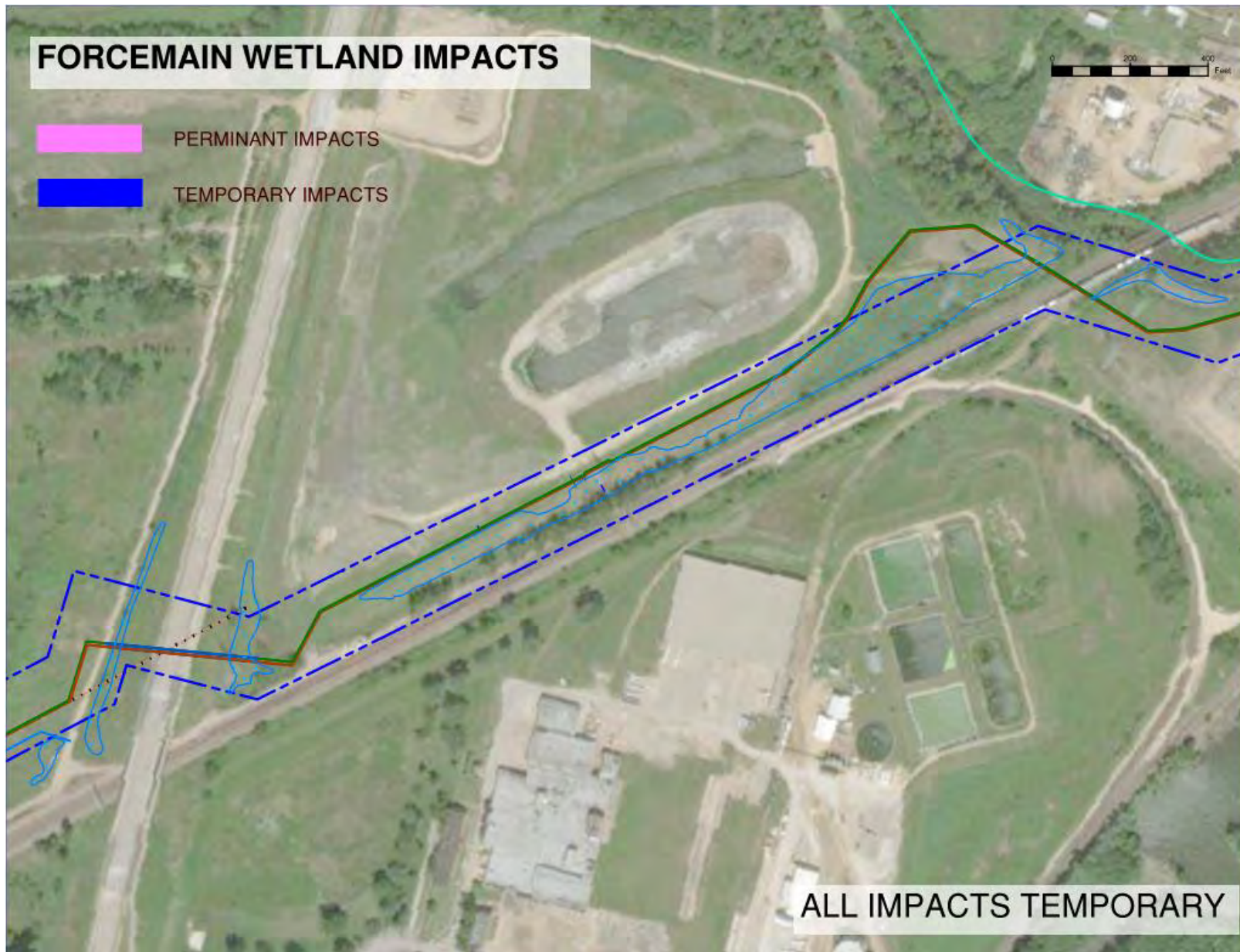


Figure 6 – Wetland Impacts – Force Mains

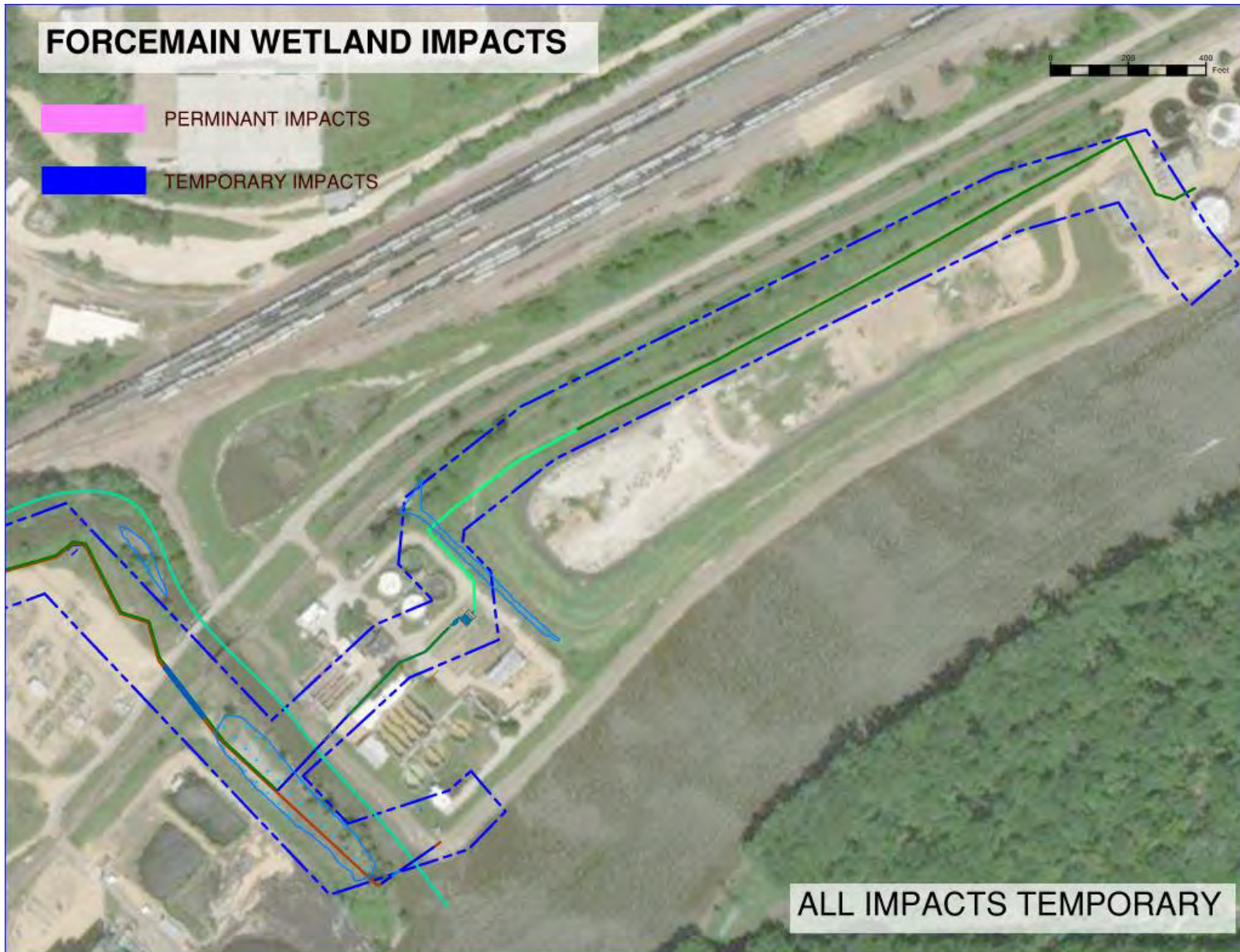


Figure 7 – Wetland Impacts – Force Mains