P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

FINDING OF NO SIGNIFICANT IMPACT

TO ALL INTERESTED AGENCIES AND PUBLIC GROUPS:

As required by the rules of the Texas Water Development Board (TWDB), 31 Texas Administrative Code (TAC) § 375.61, an environmental review consistent with the National Environmental Policy Act (NEPA), 42 United States Code § 4321 *et seq.*, has been performed on the project below. This project is proposed to be funded through the Clean Water State Revolving Fund (CWSRF) Equivalency Program, which is administered by the TWDB.

City of China, Jefferson County, Texas
TWDB CWSRF Project No. 73914
Wastewater Treatment Plant Improvements Project
Total Commitment Amount: $6,000,000
Commitment No. L1001551

The City of China (City) is proposing to use $6,000,000 in funding from the CWSRF Program for planning, design, and construction of a wastewater treatment plant (WWTP). The proposed project will be in the existing boundaries of the existing WWTP; neither land nor easement acquisition is proposed.

An environmental review of the project consistent with NEPA has been completed following the guidelines provided in 31 TAC § 375.61. This environmental review is documented by the enclosed Environmental Assessment, which contains mitigative environmental conditions that will be applied to the project to avoid significant adverse environmental impacts on waters of the United States, wetlands, floodplains, cultural and historical resources, threatened and endangered species, and protected migratory bird species. Based on a detailed environmental review of the planning information, the Environmental Information Document, and other documentation, the project is environmentally sound with the following special and standard environmental conditions:

Special Environmental Conditions

- Should future communications from the Texas Parks and Wildlife Department (TPWD), whether in response to the initial project review request or to the issued Finding of No Significant Impact and regardless of when those recommendations are received, indicate that additional permitting and/or mitigative efforts are required, the City of China (City) will adopt and implement those recommendations prior to further approval of design or construction documents and financing by the TWDB.

- Consistent with the Flood Insurance Reform Act of 2004, Flood Disaster Protection Act, Texas Water Code Section 16.315, and local floodplain development ordinances, the City must obtain a floodplain development permit issued by the Local Floodplain Administrator prior to construction in the Special Flood Hazard Area of Mayhan Gully within the unincorporated area of Jefferson County. Jefferson County is a participant in the National Flood Insurance Program.

Standard Environmental Conditions

- Consistent with the TWDB Supplemental Construction Contract Conditions (TWDB-0551), the City will abide by the standard emergency condition for the discovery of cultural resources.

- Consistent with the TWDB Supplemental Construction Contract Conditions (TWDB-0551), the City will abide by the standard emergency condition for the discovery of threatened and endangered species.

Therefore, it is recommended that a Finding of No Significant Impact be issued.

Documentation supporting this decision is on file in the office of the Regional Water Project Development, TWDB, and is available for public review upon request. Comments supporting or disagreeing with this preliminary environmental determination may be submitted to the Director, Regional Water Project Development, Texas Water Development Board, P.O. Box 13231, Austin, Texas 78711-3231 or via email at RWPD-Environmental@twdb.texas.gov. After evaluating the comments received, the Executive Administrator will make a final determination. However, no action regarding the provision of federal financial assistance for the project will be taken for at least thirty (30) calendar days after the release of this Finding of No Significant Impact.

Sincerely,

Clay Schultz
Digitally signed by Clay Schultz
Date: 2025.06.22 21:37:40 -05'00'

T. Clay Schultz, Ph.D., Director
Regional Water Project Development

Enclosure

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

City of China, Jefferson County, Texas
Clean Water State Revolving Fund Project No. 73914
Wastewater Treatment Plant Improvements Project
Environmental Assessment

REVIEW PROCESS

As described below, Texas Water Development Board (TWDB) staff has performed a review consistent with the 31 Texas Administrative Code (TAC) § 375.61 and the National Environmental Policy Act (NEPA), 42 U.S. Code § 4321 *et seq.* Consistent with 31 TAC § 375.65, the Environmental Information Document (EID)[1] for the Wastewater Treatment Plant Improvements Project proposed by the City of China (City) was reviewed by TWDB staff for the development of this Environmental Assessment (EA). This project is financed through the Clean Water State Revolving Fund (CWSRF) Equivalency Program, which is administered by the TWDB.

PURPOSE AND NEED

The City of China (City) is located in Jefferson County approximately 10 miles west of Beaumont, Texas. The City provides water and wastewater services to a population of approximately 1,230 residents via 600 connections. The City currently operates a 0.228-million gallons per day (MGD) wastewater treatment plant (WWTP) on South China Road approximately 1.5 miles south of State Highway 90 and approximately 0.3 miles south of the City's limits. The WWTP is a dual-train plant utilizing a contact stabilization treatment typical for small rural wastewater treatment plants with a typical secondary limit discharge permit. The existing WWTP is over 40 years old and needs replacement due to deterioration, and the City has received Texas Commission on Environmental Quality (TCEQ) enforcement actions for failure to meet effluent permit parameters. The use of the contact stabilization process is no longer approved by the TCEQ as an acceptable treatment process. The anticipated advanced secondary permit limits with the update flow rate will require larger aeration basins, higher air requirements, and larger clarifier surfaces per gallon of flow. Additionally, since the plant will be modified, it will no longer be "grandfathered" under 30 TAC § 317 but will have to meet the more stringent 30 TAC § 217 rules and regulations.

[1] City of China (March 2025). Environmental Information Document (EID) (TWDB Form 0801), Prepared by Plummer and Leavins Engineering & Design. Received by TWDB on March 3, 2025. The EID is complete with the supplementary materials submitted to the TWDB on March 25, 2025.

PROJECT DESCRIPTION

The City of China's proposes construction of a new WWTP with a total rating of 0.5 MGD to be funded via two construction contracts/bid packages. The first bid package will include a 0.25 MGD Sequencing Batch Reactor (SBR) treatment train funded from Jefferson County's American Rescue Plan (ARPA) funds given to the City of China. The second bid package will include a 0.25 MGD SBR WWTP treatment train and other related improvements for a total rating of 0.5 MGD WWTP.

This project will construct a new, larger WWTP with new treatment technology that is approved by the TCEQ. The new WWTP will handle higher influent sanitary sewer flows, while increasing treatment efficiency to comply with TCEQ effluent permit limits. The proposed project will serve a projected 40-year 1.5 percent population growth from the year 2024 to 2063 resulting in an increase from 1,280 to 2,288 people.

The project components included in this EA include the following Phase II improvements funded by through the TWDB CWSRF program:

- Construct two new SBR aeration concrete basins, one post-equalization concrete basin, one new digester concrete basin, and related blower packages
- Construct new concrete chlorine contact chamber with baffles in the chamber
- Construct new screw press dewatering system
- Demolition of the existing deteriorated treatment units and removal of existing sludge
- Construct new electrical wiring, conduit, and related electrical controls
- Construction of miscellaneous piping improvements between new units
- Construction of miscellaneous electrical improvements
- Installation of new emergency power backup generator
- Miscellaneous concrete site work and grading

PROJECT FUNDING

To address these issues, the City applied to the TWDB for financing through the CWSRF Program for planning, design, and construction. On September 1, 2022, the TWDB committed $6,000,000 for the project. The City closed the financing on February 22, 2023. Some of the planning funds were used to assess the potential environmental impact of the project and prepare an Environmental Information Document (EID). Preparation of the EID involved consultation with state and federal regulatory agencies and additional public participation.

The TWDB may not fund testing, remediation, removal, disposal, or related works for contaminated or potentially contaminated materials. However, the project proponent should ensure that, if found, such materials are tested, removed, and disposed of in accordance with applicable state and federal laws.

EVALUATION OF ALTERNATIVES

In addition to the preferred action alternative, the City evaluated the no-action alternative and other forms of mechanical treatment processes (MBR). Each alternative was evaluated for its potential direct, secondary, and cumulative impacts on the existing environment.

No-Action Alternative

The no-action alternative would be to not construct new WWTP facilities and continue the use of the contact stabilization process, which is no longer approved by the TCEQ as an acceptable treatment process. The no-action alternative does not provide the means for the City of China to meet the current, more stringent discharge criteria, which would result in potential future permit violations and TCEQ enforcement actions. This alternative would have none of the temporary impacts incurred during construction as with the preferred alternative. Permanent adverse impacts may be greater with the no-action action alternative than with the preferred alternative, as water quality would continue to be adversely affected by insufficient treatment of wastewater effluent.

Preferred Alternative

The preferred alternative, SBR treatment technology, is described above under the Project Description. The preferred alternative meets the project need by increasing treatment efficiency to comply with TCEQ effluent permit limits. The SBR treatment option will meet these needs for a minimum design life of 30 years, and at a lower cost than other treatment alternatives. This alternative is expected to have a positive impact on surface water quality at the discharge site and downstream waters, while incurring only minor, temporary impacts during construction such as ground disturbance, air quality impacts from dust and vehicle exhaust, increased noise levels, and possible traffic disruption.

Alternative Not Selected

The other alternative considered for the new WWTP was another form of mechanical treatment process, a membrane biological reactor (MBR). The SBR and MBR new treatment units would both fit on the existing City of China WWTP site along with the other improvements including screening, sludge dewatering, chlorine contact chamber, dumpsters, electrical building, emergency power backup generator, and employee parking. Therefore, environmental impacts for this alternative would be comparable to the preferred alternative as both alternatives would achieve the required improvement in water quality treatment to meet more stringent discharge criteria. No secondary or cumulative impacts to environmental resources are anticipated. However, the additional cost incurred for the MBR alterative treatment option would potentially impact impacts to low income or minority populations due to increased utility fees to cover the increased construction and operational costs for this alternative. This alternative was therefore rejected due to financial and economic considerations.

ENVIRONMENTAL REVIEW

Consistent with the requirements of the federally funded CWSRF Program, the City defined the social and environmental contexts of the project and assessed its potential impact. This information was presented in the EID and was made available to the community, regulatory agencies, and other interested parties.

Adverse effects on social and natural resources fall under the authority of various agencies. These regulatory agencies and participating area residents had the opportunity to address potential issues concerning construction practices, possible adverse effects within the project area, and the environmental conditions to be implemented during construction. The staff of the TWDB reviewed the EID, comments and other data and prepared the present EA.

ENVIRONMENTAL SETTING

Existing Conditions

The project is located in the City of China in the northwest portion of Jefferson County, approximately eight miles west of Beaumont.

The proposed new WWTP would be constructed on the property of the existing WWTP, with no new or expanded utilities, roads, or other infrastructure required. The adjacent lands include agricultural land uses of cropland and rangeland. The existing land use is for wastewater treatment and the future land use with the proposed project would continue to be for wastewater treatment. Therefore, no adverse or beneficial land use changes are anticipated.

Geology and Soils

The project is located within the Coastal Prairies portion of the Gulf Coast Plains Physiographic Province of Texas, which is a band of nearly flat prairie bordering the Gulf of Mexico. Geologically, the project is underlain by the Beaumont Formation. The Beaumont Formation (approximately 100 feet thick) is characterized by clay, silt, and sand.

There are no faults or other pertinent geologic features mapped in the project area. The project is in an area mapped as evaporite basin-type karst geology, which may be rapidly excavated by running water. However, no karst features such as caves, sinkholes, or springs are found on or near the project area. No adverse environmental issues are expected as a result of the geologic setting.

Although the project footprint is located on some mapped soil units classified as Prime or Other Important Farmland (League clay, 0 to 1 percent slopes), there will be no land use conversion of these areas. No soil will be moved off-site, and no soil will be contaminated as a result of the project.

Water Resources

The project is located in the Galveston Bay – Sabine Lake Basin. The source of the City's water supply is groundwater from the Gulf Coast and Chicot Aquifers. There are no Environmental Protection Agency (EPA-designated) sole source aquifers in the project area. This project would not increase the capacity of the District's water systems or permanently impact the availability or safety of the local water supply.

The City's WWTP discharges into, or just upstream of, the following stream segments: Mayhan Gully (segment 0701B), Green Pond Gully (0701A), North Fork Taylor Bayou (0701), and Taylor Bayou Above Tidal in Segment No. 0701 of the Neches-Trinity Coastal Basin (0701). All are classified as unimpaired except for Taylor Bayou Above Tidal, which has been listed as impaired since 1996 for depressed dissolved oxygen. No total maximum daily load (TDML) or watershed protection plan (WPP) are currently being implemented for this impaired water.

The proposed project will require a major amendment to the TCEQ discharge permit, with no change in outfall location. The existing Facility is authorized by the TCEQ to treat and discharge wastewater under Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0012104001. Prior to construction and in compliance with 30 TAC § 217.6(d), the TCEQ Wastewater Permitting Section will receive a summary transmittal letter and, if requested, plans, specifications, and a final engineering design report. The TCEQ will also receive a closure plan after the 0.228 MGD facility is decommissioned.

Topography and Floodplains

Elevation across the project area is approximately 28 feet above mean sea level with less than 1 percent slope toward the north to Mayhan Gully. The project is partially located within the 100-year floodplain of Mayhan Gully. The project area is within the unincorporated area of Jefferson County, which participates in the National Flood Insurance Program (NFIP). Topographic maps indicate levees or spoil banks along Mayhan Gully, which may provide some flood protection to the property.

No permanent impact to the floodplain or floodway will occur because of the project. Temporary impacts may occur during the construction of the project. The proposed WWTP will be constructed on the existing site, with no change to the flood elevation along the project corridor.

Wetlands, Streams, and Waters of the United States

The project area is located within the watershed of Sabine Bay. The project is located just adjacent to Mayhan Gully. There are no streams in the project site. The project will not adversely impact waters of the United States, including wetlands.

The project does not involve significant adverse impacts to water quality. Temporary impacts associated with project construction are possible. As part of project construction, a stormwater pollution prevention plan (SWPPP) will be developed alongside a TCEQ construction stormwater permit to identify best management practices for the prevention of erosion into local waterways. Due to wastewater treatment improvements, permanent positive impacts to the surface water quality are expected in the effluent outfall's receiving stream (Mayhan Gully) and downstream waters.

No waters that may qualify as waters of the United States under the jurisdiction of the United States Army Corps of Engineers (USACE) are present on the project site.

Biological Elements

The project area is located within the Western Gulf Coastal Plain Ecological Region. The proposed project site is an existing WWTP with area surrounding treatment units and buildings consisting of regularly mown and maintained Bermuda grass.

Databases of sensitive species maintained by the United States Fish and Wildlife Service (USFWS) and Texas Parks and Wildlife Department (TPWD) were reviewed to verify any state and/or federally listed threatened or endangered species that occur, or have historically occurred, in Jefferson County. No known occurrences of or potential habitat for federally listed candidate, threatened, or endangered species were present within or adjacent to the project area during the field survey. There was no designated critical habitat within the project area.

No state or national parks, forests, wildlife refuges, wild or scenic rivers, or natural areas or similar preserves are located within the project area.

Cultural Resources

Consultation was completed with the State Historical Preservation Officer (SHPO), the Executive Director of the Texas Historical Commission's (THC), in accordance with Section 106 of the National Historic Preservation Act as well as the Antiquities Code of Texas. The THC staff made the following determinations: 1) for above-ground resources, no historic properties are present or affected by the project as proposed, and 2) for archeological resources, no historic are affected. No additional cultural resource surveys or further investigations were required by the THC, but the City was instructed that should cultural resources be discovered during site disturbance, work should cease in the immediate area, and the THC History Programs Division and/or Archeology Division should be notified.

Hazardous Materials

There are no Superfund Sites from the EPA National Priorities List located on the proposed subject property or in areas associated with the proposed project. A Phase I Environmental Site Assessment was not conducted. The TWDB does not fund the testing, remediation, removal, disposal, or related work for contaminated or potentially contaminated materials.

Social Implications and Environmental Justice

The proposed project was evaluated for environmental justice (EJ) impacts using the Environmental Justice Screening and Mapping Tool (EJScreen), a mapping tool designed by the EPA that allows users to create maps and generate reports on factors that may affect public and environmental health. Data include population, percentage of minority residents, percent low income, and per capita income, for comparison with data for the county and state.

An EJ analysis was performed on December 19, 2024, for the project area and within a 0.5-mile radius. The results are listed below with data from the United States Census for the state and county included for comparison.

Area	Population	Percent Minority	Percent Below Poverty Level	Per Capita Income
State of Texas	31,290,831	41.7	13.7	$39,446
Jefferson County	253,958	23.2	20.1	$31,855
China	1,282	44	-----	-----
Project Area (0.5-mile buffer)	58	44	-----	-----

The EJ analysis indicates that the area within 0.5 mile of the project has a portion of the population greater than the county and state average, who are members of a racial/ethnic minority category. Poverty and income estimates were not available for the city or project area due to the small population sizes.

The project will require an increase in monthly service rates of approximately 42 percent to finance the debt. People or businesses will not be relocated as a result of the project, and eminent domain will not be required. The entire population of this project area will be the recipients of benefits derived from the proposed improvements. Therefore, the project will not disproportionately, adversely impact minority or low-income populations.

Secondary and Cumulative Impacts

The project may temporarily impact air quality and vegetation. Both resources will return to the state existing prior to the project once construction activities are completed. Past projects including construction of existing WWTP, sewer and/or water line construction, and road construction projects may have impacted the same resources. Future projects including improvements to the WWTP, water/sewer line construction projects, and road construction projects also may impact the same resources.

The project is not anticipated to change the projected rate, density, or type of development in the vicinity of the project area. The land use in surrounding areas will generally remain in agricultural and residential uses following the construction of the project.

Temporary increases in air emissions, ambient noise, and traffic disruptions will occur from construction machinery; however, air quality, noise, and traffic will not be adversely impacted in the project vicinity after construction is complete.

AGENCY COORDINATION AND COMPLIANCE

To ensure due consideration of the project's potential impact, the City prepared an EID describing the results of that investigation, held an open meeting to familiarize the community with the project and solicit public comment, and coordinated with all required regulatory agencies and other interested parties to define and avoid, minimize, or mitigate adverse effects. The City has provided assurance that environmental conditions will be implemented in a manner consistent with the requirements of state and federal regulatory agencies and rules of the TWDB.

"Cross-Cutter" Compliance

The project has been reviewed for potential impacts to the quality of the environment following the procedures provided in 31 Texas Administrative Code § 375.61, to ensure compliance with CWSRF program requirements and federal and state regulations, including the federal cross-cutting environmental authorities from the EPA listed below.

1) National Environmental Policy Act of 1969, Public Law (PL) 91-190
2) Archeological and Historic Preservation Act of 1974, PL 93-291
3) Clean Air Act, 42 USC 7506(c)
4) Coastal Barrier Resources Act, 16 USC 3501 *et seq*.
5) Coastal Zone Management Act of 1972, PL 92-583, as amended
6) Endangered Species Act, 16 USC 1531, *et seq.*
7) Executive Order 11593, Protection and Enhancement of the Cultural Environment
8) Executive Order 11988, Floodplain Management
9) Executive Order 11990, Protection of Wetlands
10) Farmland Protection Policy Act, 7 USC 4201, *et seq.*
11) Fish and Wildlife Coordination Act, PL 85-624, as amended
12) National Historic Preservation Act of 1966, PL 89-665, as amended
13) Safe Drinking Water Act, § 1424(e), PL 92-523, as amended
14) Wild and Scenic Rivers Act, PL 90-542, as amended
15) The Wilderness Act, 16 USC 1131, *et seq*.
16) Flood Insurance Reform Act of 2004, PL 108-264
17) National Flood Insurance Reform Act of 1994, PL 103-325
18) Flood Disaster Protection Act of 1973, as amended, PL 93-234
19) Clean Water Act, PL 92-500, as amended

Agency Coordination

This environmental review included coordination with various state and federal regulatory agencies, local authorities, and other stakeholders and interested parties regarding the project's potential impact. The City submitted notifications to and requests for input from all

required parties. Some entities did not require a response. The consulted entities are listed below, and the results of coordination are summarized in the EID and reflected in the environmental conditions listed below:

- Texas Historical Commission, State Historic Preservation Officer, Austin in accordance with Section 106 of the National Historic Preservation Act; Antiquities Code of Texas; and other applicable regulations (THC Tracking No. 202404349)
- United States Army Corps of Engineers, Regulatory Branch, Galveston District, in accordance with Section 404 of the Clean Water Act; and Section 10 of the Rivers and Harbors Act of 1899
- Texas Parks and Wildlife Department, Wildlife Division, Ecological & Environmental Planning Program, Austin, in accordance with the Endangered Species Act of 1973, as amended; Migratory Bird Treaty Act; Texas Parks and Wildlife Code; and other applicable regulations
- United States Fish and Wildlife Service, Texas Coastal & Central Plains Ecological Services Field Office, in accordance with the Endangered Species Act and statutes affecting other federally protected species (USFWS Project Code 2025-0031556)
- United States Department of Agriculture, Natural Resources Conservation Service pursuant to the Farmland Protection Policy Act
- Texas Commission on Environmental Quality in accordance with 40 CFR Part 93 and National Ambient Air Quality Standards (TCEQ NEPA Request No 2021-143)
- TWDB, National Flood Insurance Program (NFIP) State Coordinator, pursuant to the Flood Insurance Reform Act of 2004, federal Executive Order 11988, Texas Water Code Section 16.315, and local floodplain development ordinances
- General Land Office, Coastal Management Program

No response was required from the following entities:

- Bureau of Reclamation, Oklahoma-Texas Area Office
- Bureau of Land Management
- Local Floodplain Administrator pursuant to the NFIP
- Local government (City Mayor and County Commissioners)

Texas Historical Commission

The THC staff concurred with City in correspondence dated , that no direct impacts to cultural resources/historic properties are anticipated as a result of the project (THC Tracking No. 202404349).

United States Army Corps of Engineers

The USACE, Galveston District Office, Regulatory Branch staff was given the opportunity to review the project. The project is located just adjacent to Mayhan Gully. There are no streams in the project site. The project will not adversely impact waters of the United States, including wetlands.

Texas Parks and Wildlife Department

The TPWD Wildlife Division, Ecological & Environmental Planning Program staff reviewed the project in accordance with the Texas Parks and Wildlife Code, and provided a response dated February 13, 2025. The TPWD staff indicated that commenting on state agency actions by the TPWD had been temporarily suspended pending review of procedures. Based on the information provided with the EID demonstrating the lack of suitable habitat for state or federal protected species, TWDB staff determined that the proposed project was of limited potential to cause adverse impacts to these regulated resources. The TPWD will receive notification of this determination during the 30-day comment period following issuance of the FNSI. Should future communications from the TPWD, whether in response to the initial project review request or to the issued FONSI and regardless of when those recommendations are received, indicate that additional permitting and/or mitigative efforts are required, the City will adopt and implement those recommendations prior to further approval of design or construction documents and financing by the TWDB.

United States Fish and Wildlife Service

The USFWS Texas Coastal & Central Plains Ecological Services Field Office, in accordance with the Endangered Species Act and statutes affecting other federally protected species, was given the opportunity to review the project through the Information for Planning and Consultation (IPaC) system (USFWS Project Code 2025-0031556). The USFWS consistency letter dated December 13, 2024, issued a *No Effect* determination for the listed species in the project area and a formal Section 7 consultation was not required.

Texas Commission on Environmental Quality

In a response dated August 24, 2021, the TCEQ stated that a review of the proposed project for general conformity impact, in accordance with 40 CFR Part 93 and Title 30, TAC § 101.30, indicates that Jefferson County is currently designated as attainment/unclassifiable for the National Ambient Air Quality Standards (NAAQS) for all six criteria air pollutants (TCEQ NEPA Request No. 2021-143). Therefore, general conformity rules do not apply, but may be reinstated for Jefferson County as part of the Beaumont-Port Arthur maintenance area for the 1997 eight-hour ozone NAAQS. The proposed project is in compliance with the State Implementation Plan and the Clean Air Act.

PUBLIC PARTICIPATION

The project is consistent with local, regional, and statewide planning. Coordination with the appropriate governmental agencies has been made and no adverse comments have been received.

Public participation conducted during facilities planning included a public meeting held on February 24, 2025, which was advertised in the Beaumont Enterprise, a newspaper of general circulation in the service area. The notice was published on January 25, 2025, and contained information regarding availability of planning documents, including the EID, for

public review at the City Hall at 1854 China S. Road, China, Texas, during normal business hours.

The public meeting was held at 6 p.m. on February 24, 2025, at China's City Hall. A total of three people attended the meeting, none of whom was a member of the public and not part of the project team. No concerns or adverse comments were voiced at the public meeting or received during the 30-day public review period.

ENVIRONMENTAL CONDITIONS

An environmental review of the project consistent with NEPA has been completed following the guidelines provided in 31 TAC § 375.65. Mitigation measures were defined through the agency coordination process and public participation and are listed below as applicable environmental conditions. These conditions will pertain to the project throughout construction and beyond as warranted. Based on information provided by the City, the proposed Wastewater Treatment Plant Improvements Project is considered environmentally sound with the following special and standard environmental conditions:

Special Environmental Conditions

- Should future communications from the Texas Parks and Wildlife Department (TPWD), whether in response to the initial project review request or to the issued Finding of No Significant Impact and regardless of when those recommendations are received, indicate that additional permitting and/or mitigative efforts are required, the City of China (City) will adopt and implement those recommendations prior to further approval of design or construction documents and financing by the TWDB.

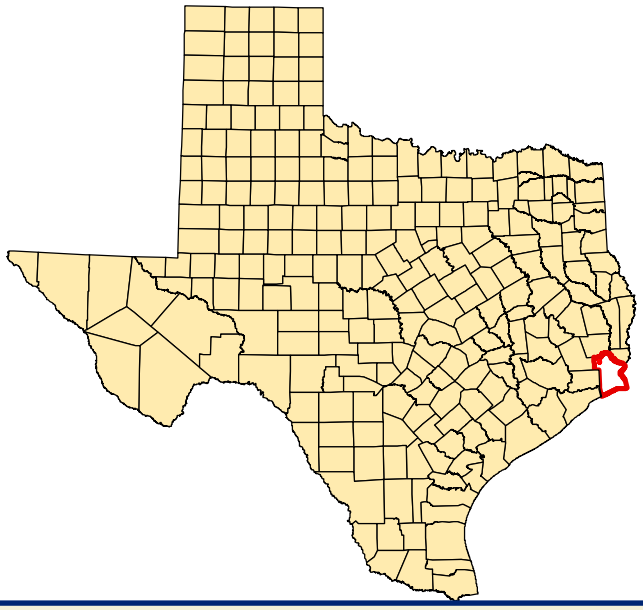
- Consistent with the Flood Insurance Reform Act of 2004, Flood Disaster Protection Act, Texas Water Code Section 16.315, and local floodplain development ordinances, the City must obtain a floodplain development permit issued by the Local Floodplain Administrator prior to construction in the Special Flood Hazard Area of Mayhan Gully within the unincorporated area of Jefferson County. Jefferson County is a participant in the National Flood Insurance Program.

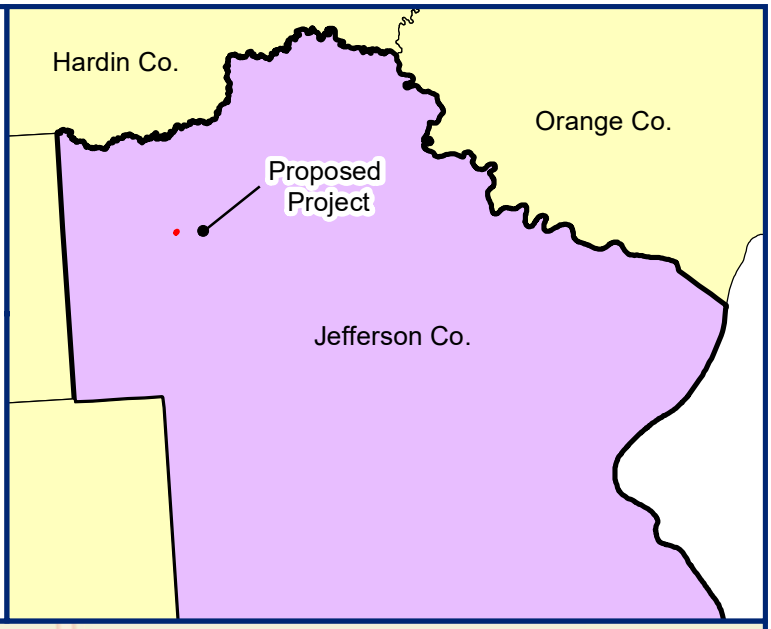
Standard Environmental Conditions

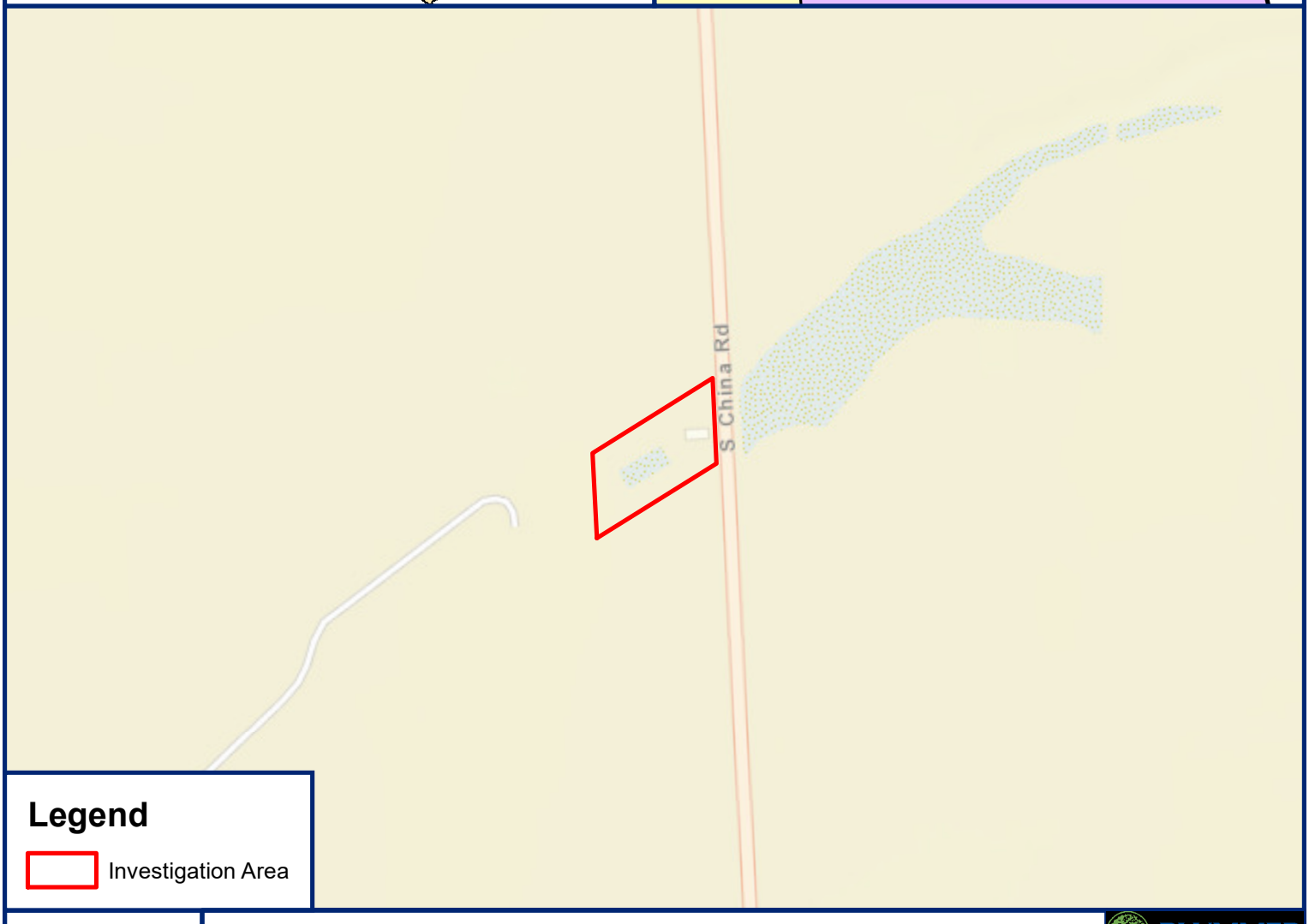
- Consistent with the TWDB Supplemental Construction Contract Conditions (TWDB-0551), the City will abide by the standard emergency condition for the discovery of cultural resources.

- Consistent with the TWDB Supplemental Construction Contract Conditions (TWDB-0551), the City will abide by the standard emergency condition for the discovery of threatened and endangered species.

Therefore, it is recommended that a Finding of No Significant Impact be issued.







Legend

Investigation Area

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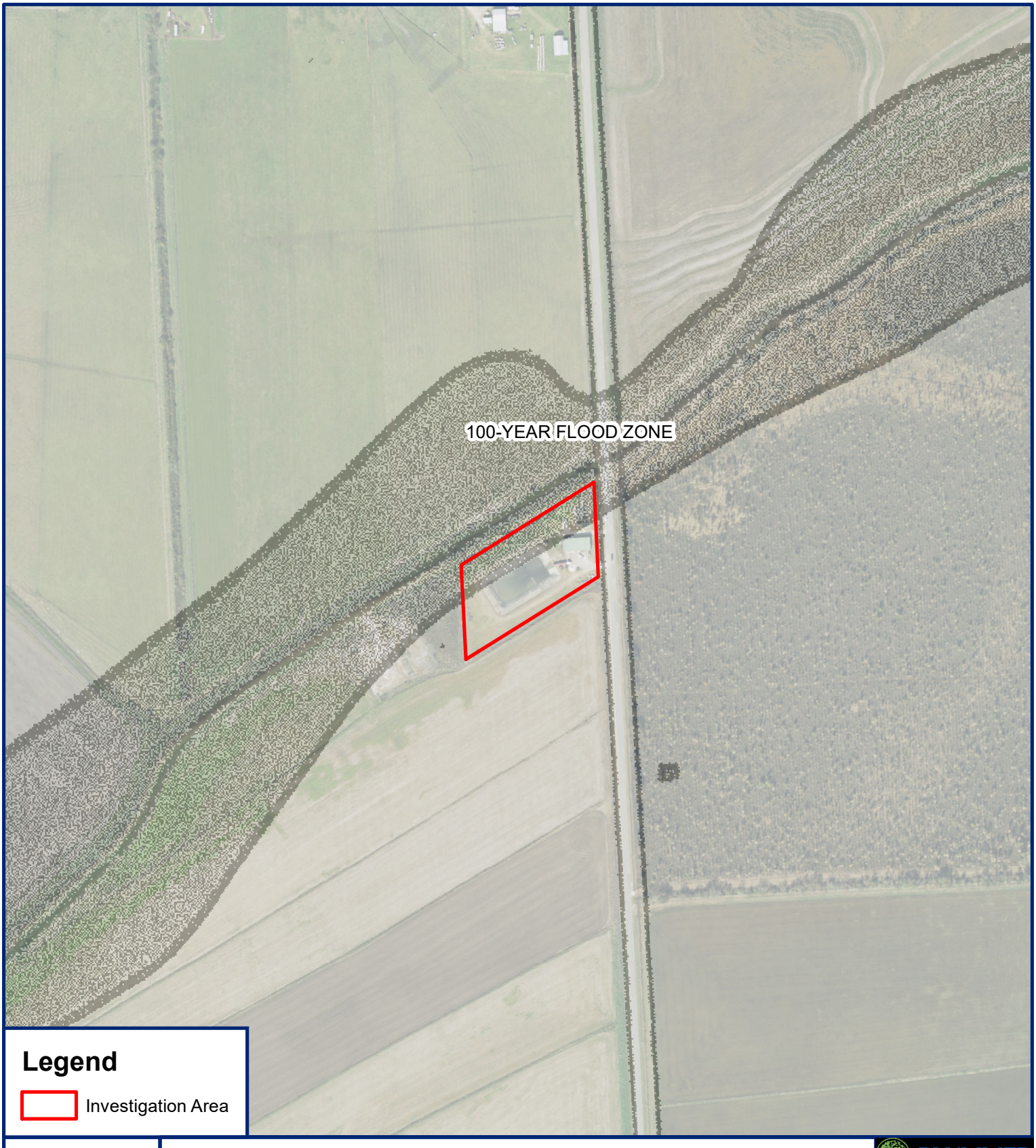
FIGURE A-1
GENERAL LOCATION
CITY OF CHINA - TWDB WWTP IMPROVEMENTS PROJECT
JEFFERSON COUNTY, TEXAS

PLUMMER
1320 S. UNIVERSITY DRIVE
SUITE 300
FORT WORTH, TEXAS 76107
PHONE: (817) 806-1700
FAX: (817) 870-2536

DATE: 1/22/2025

750 375 0 Feet

SOURCE: ESRI BASE DATA



N
W E
S

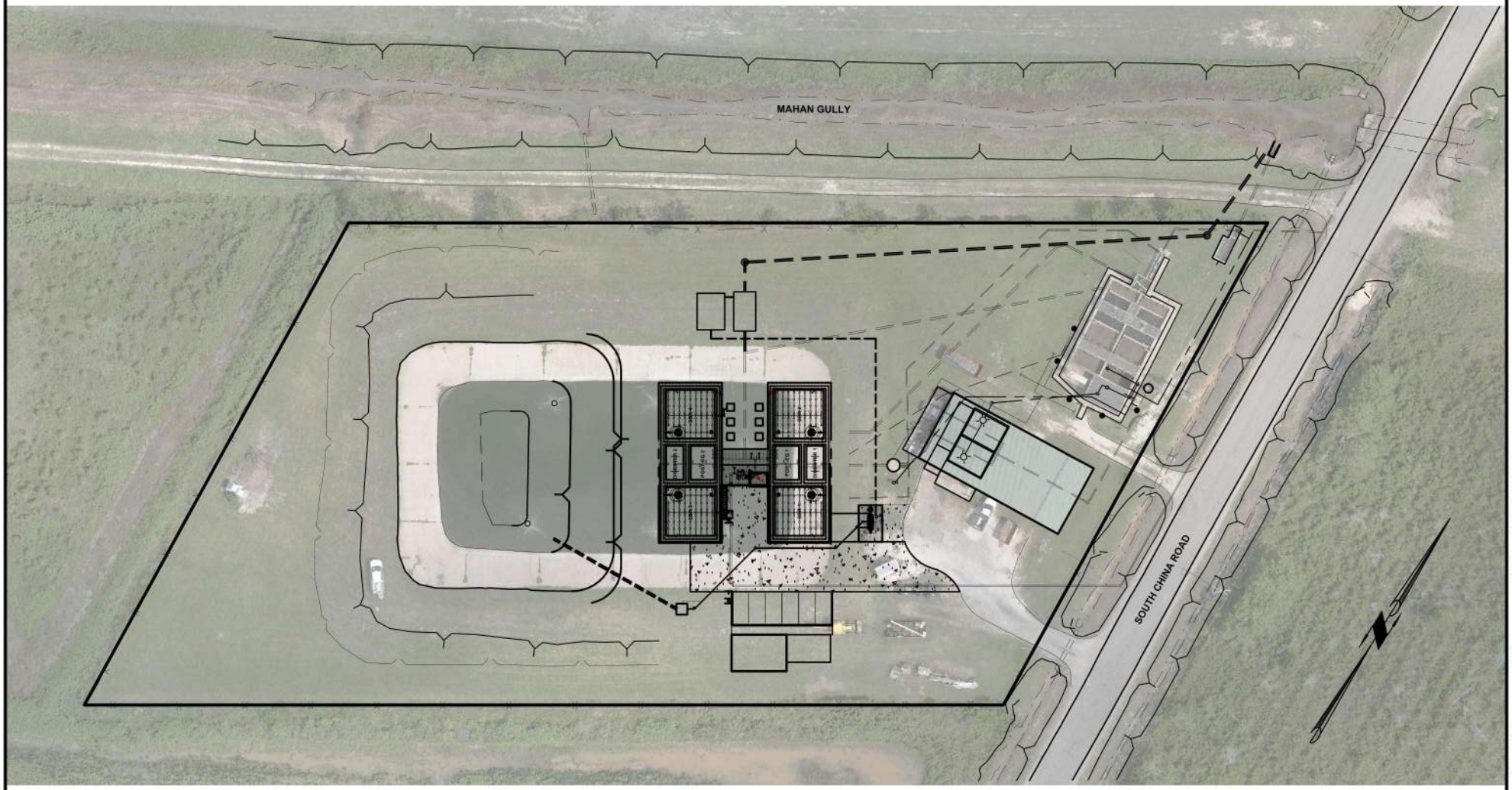
600 300 0 Feet

FIGURE A-4
ENVIRONMENTAL REVIEW - FEMA
CITY OF CHINA - TWDB WWTP IMPROVEMENTS PROJECT
JEFFERSON COUNTY, TEXAS

PLUMMER
1320 S. UNIVERSITY DRIVE
SUITE 300
FORT WORTH, TEXAS 76107
PHONE: (817) 806-1700
FAX: (817) 870-2536

DATE: 1/17/2025

SOURCE: TNRIS, NAIP, FEMA



ATTACHMENT E
MAP OF
PROPOSED SITE PLAN

DATE: AUG 2024	DR BY: THC	SCALE: 1"=XX'

LEAD
LEAVINS ENGINEERING & DESIGN, LLC
TEXAS ENGINEERING FIRM NO. F-22257
3250 EASTEX FWY, BEAUMONT, TEXAS 77703
409-245-5130 | LEADLLC.COM

W:\0 PROJECTS\L109 - City of China\L109-003 (22-162) - City of China - TWDB WWTP Improvements\CAD\L109-003 Exhibit E - Proposed Site Plan.dwg