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Phone (512) 463-7847, Fax (512) 475-2053

May 1, 2024

## DETERMINATION OF NO EFFECT

### TO ALL POTENTIALLY INTERESTED AGENCIES:

Pursuant to the environmental assessment requirements of 31 Texas Administrative Code (TAC) §363.14, the Texas Water Development Board (TWDB) staff has determined that proposed action identified below may be exempted from formal environmental review requirements:

Sunbelt Fresh Water Supply District, Harris County, Texas  
TWDB DFUND Project No. 21579  
Northline Terrace  
Seven Mile Water Plant Improvements  
Total Financing Amount: \$4,075,000  
Loan No. L1000513

The Sunbelt Fresh Water Supply District (District) is proposing to use funds remaining from the \$4,075,000 in financing from the Texas Water Development Fund (DFund) Program to make improvements to the existing Seven Mile Water Plant located in the Oakwilde Service Area within Sunbelt (reviewed in Environmental Determination issued September 2, 2022). Proposed actions for this project include installation of a 220,000-gallon Ground Storage Tank (GST) and the relocation of an existing Horizontal Processing Tank (HPT) within the current site to facilitate construction. The District also intends to replace three of the five existing booster pumps with larger pumps. Additional construction items proposed include yard piping associated with GST installation and electrical improvements required with booster pump modifications.

Only yard piping (primarily 12 inches in diameter) will be installed with this project. All linework will be installed within the existing water plant site. All construction is confined within the water plant site located at 2326 Cromwell St. Yard piping is generally installed at a depth of four feet and will be installed via open-cut trenching.

This Determination of No Effect (DNE) is completed for the Seven Mile Water Plant Improvements, hereafter referred to as the project. A previous DNE was issued for the North Terrace Water Line Improvements on January 28, 2016.

#### Our Mission

Leading the state's efforts  
in ensuring a secure  
water future for Texas

#### Board Members

Brooke T. Paup, Chairwoman | George B. Peyton V, Board Member | L'Oreal Stepney, P.E., Board Member  
Bryan McMath, Interim Executive Administrator

There are no previously recorded significant or potentially significant historic or cultural sites within or adjacent to the project footprint, according to the Texas Historical Commission's Archeological Sites Atlas, nor is the project within the protected area surrounding a historic cemetery, structure, or district. The project will not adversely impact waters of the United States, including wetlands. Construction within the existing plant site is not expected to impact threatened or endangered species or habitat.

The proposed project is located within a 100-year floodplain, as designated by the Federal Emergency Management Agency (FEMA). Projects involving construction in the 100-year floodplain, including replacement or borings, require a floodplain development permit from the local floodplain administrator prior to construction in the 100-year floodplain.

The TWDB cannot 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.

The decision to grant a DNE is allowed because the specified project elements should not cause significant adverse impacts to the quality of the environment. This determination is based on the materials submitted December 20, 2023, and January 24, 2024. Documentation supporting this determination is on file at the TWDB.

This determination shall be revoked if it is found that

- (1) the project no longer meets the requirements for categorical exclusion from full environmental review as a result of changes in the project;
- (2) the project involves extraordinary circumstances as described in 31 TAC § 363.14;  
or
- (3) the project may violate or has violated federal, state, local, or tribal laws.

The proposed project must comply with the following special and standard environmental conditions:

Special Environmental Condition

- Consistent with the Flood Insurance Reform Act of 2004, federal Executive Order 11988, Texas Water Code Section 16.315, and local floodplain development ordinances, a floodplain development permit will be obtained from the local floodplain administrator prior to construction in a Special Flood Hazard Area.

Standard Environmental Conditions<sup>1</sup>

- No activity which may affect properties listed or properties eligible for listing in the National Register of Historic Places or eligible for designation as a State Archeological Landmark is authorized until the Owner has complied with the provisions of the National Historic Preservation Act and the Antiquities Code of Texas.

The Owner has previously coordinated with the appropriate agencies and impacts on known cultural or archeological deposits have been avoided or mitigated. However, the Contractor may encounter unanticipated cultural or archeological deposits during construction.

If archeological sites or historic structures which may qualify for designation as a State Archeological Landmark according to the criteria in 13 Texas Administrative Code Chapter 26, or that may be eligible for listing on the National Register of Historic Places in accordance with 36 CFR Part 800, are discovered after construction has started, the Contractor shall immediately cease operations in that particular area and notify the Owner, the TWDB, and the Texas Historical Commission. The Contractor shall take reasonable steps to protect and preserve the discoveries until they have been inspected by the Owner's representative and the TWDB. The Owner will promptly coordinate with the State Historic Preservation Officer and any other appropriate agencies to obtain any necessary approvals or permits to enable the work to continue. The Contractor shall not resume work in the area of the discovery until authorized to do so by the Owner.

- No activity is authorized that is likely to jeopardize the continued existence of a threatened or endangered species as listed or proposed for listing under the Federal Endangered Species Act (ESA), and/or the State of Texas Parks and Wildlife Code on Endangered Species, or to destroy or adversely modify the habitat of such species.

If a threatened or endangered species is encountered during construction, the Contractor shall immediately cease work in the area of the encounter and notify the Owner, who will immediately implement actions in accordance with the ESA and applicable State statutes. These actions shall include reporting the encounter to

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<sup>1</sup> Texas Water Development Board, Supplemental Contract Conditions and Instructions for Construction Services (Document Nos. [TWDB-0550](#), [TWDB-0551](#), or [TWDB-0552](#)).

Determination of No Effect  
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TWDB DFUND Project No. 21579  
Northline Terrace  
Seven Mile Water Plant Improvements  
May 1, 2024  
Page 4

the TWDB, the U. S. Fish and Wildlife Service, and the Texas Parks and Wildlife Department, obtaining any necessary approvals or permits to enable the work to continue, or implement other mitigation actions. The Contractor shall not resume construction in the encounter area until authorized by the Owner.

Comments regarding this determination may be submitted to the Director of 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](mailto:RWPD-Environmental@twdb.texas.gov).

Sincerely,

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

Enclosure

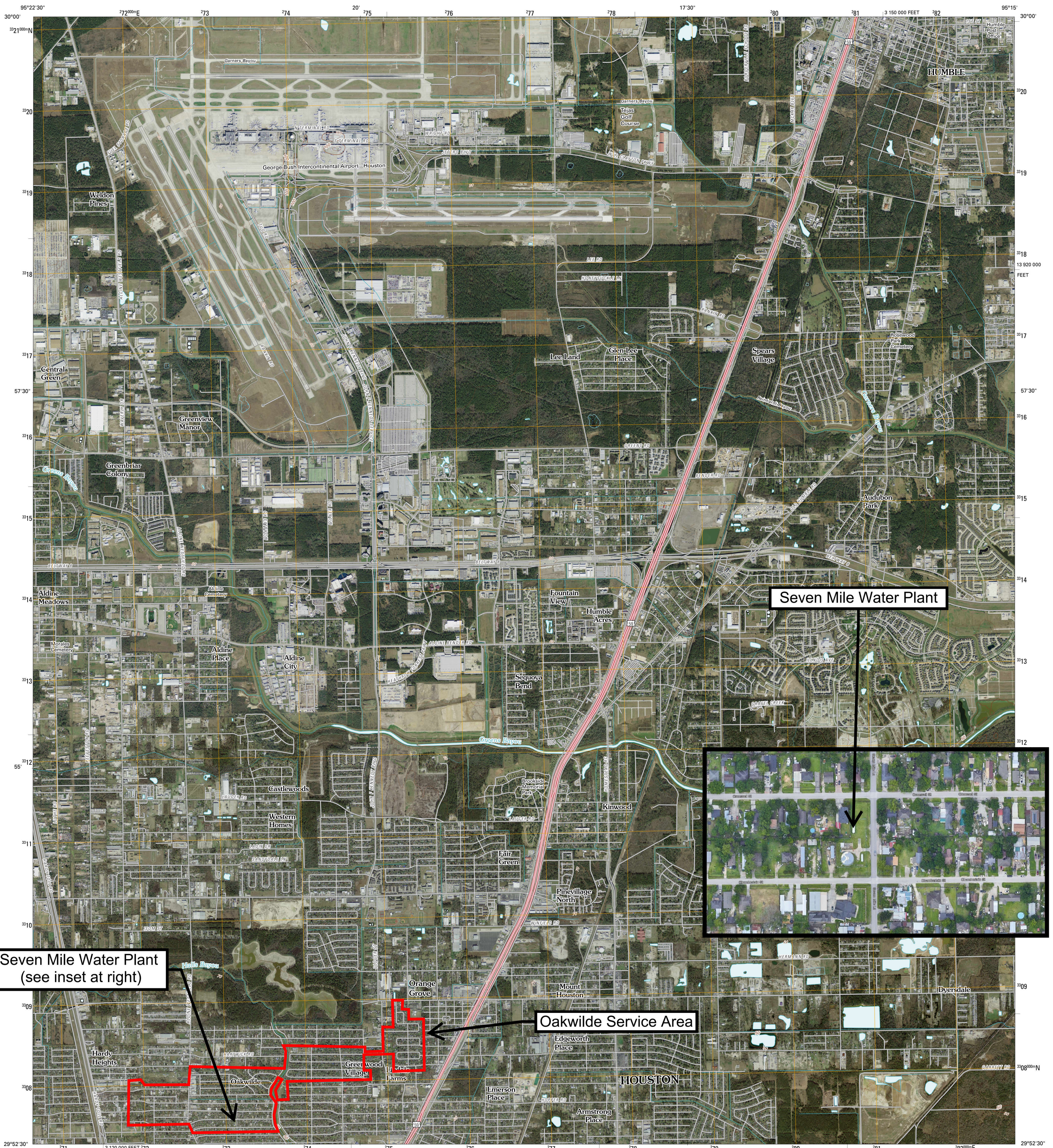
# ATTACHMENT NO. 1- USGS MAP



U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

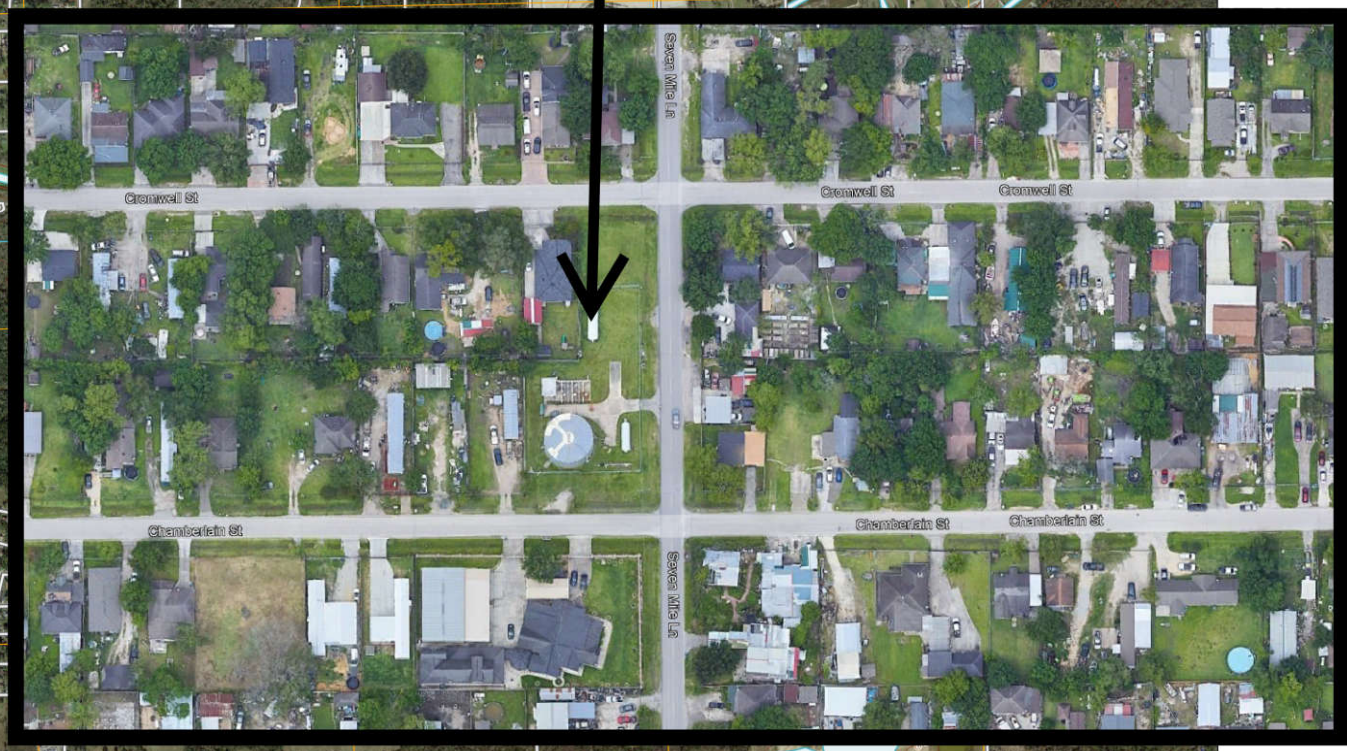


HUMBLE QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



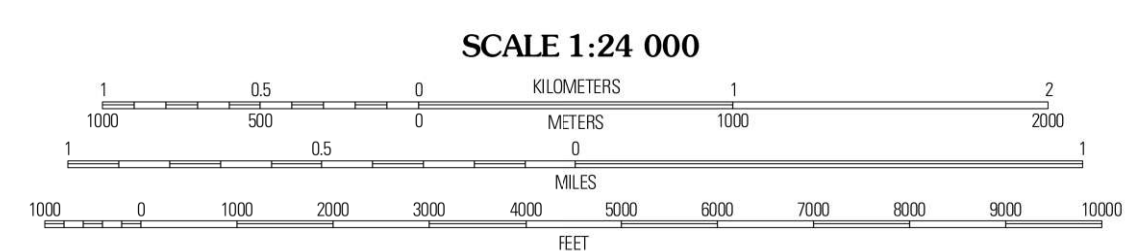
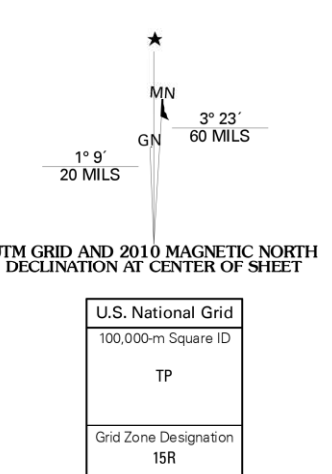
**Seven Mile Water Plant**  
(see inset at right)

**Oakwilde Service Area**



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 15R  
10 000-foot ticks: Texas Coordinate System of 1983  
(south central zone)

Imagery.....NAIP, January 2009  
Roads.....US Census Bureau TIGER data  
with limited USGS updates, 2006  
Names.....GNIS, 2008  
Hydrography.....National Hydrography Dataset, 1995  
Contours.....National Elevation Dataset, 2004



CONTOUR INTERVAL 10 FEET  
This map was produced to conform with version 0.5.10 of the  
draft USGS Standards for 7.5-Minute Quadrangle Maps.  
A metadata file associated with this product is also draft version 0.5.10



QUADRANGLE LOCATION

Spring	Meadan	Moonshine Hill
Aldine	Humble	Harmonston
Houston Heights	Settegast	Jacinto City

ADJOINING 7.5' QUADRANGLES  
TX 2995-434

ROAD CLASSIFICATION

Interstate Route	State Route
US Route	Local Road
Ramp	4WD

HUMBLE, TX  
2010