



Project No. 0601-012-11-01-08
September 26, 2024

Mamadou Balde
Municipal Solid Waste Permits – MC 124
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: Response to Notice of Deficiency Letter – Type V Permit Amendment Application
San Antonio Transfer Station, Permit No. MSW-2420
RN111892352/CN600321871
Tracking No. 29521915

Dear Mr. Balde:

On behalf of Waste Connections Lone Star, Inc., please find enclosed one original and three copies of the replacement pages for the referenced permit amendment application. The attached replacement pages were developed to incorporate comments included in your email dated August 8, 2024 and as discussed in our meeting on August 27, 2024 and the follow-up call on September 6, 2024.

In response to your comments, the location of the facility has been adjusted in Drawings IIIA-2 and IIIA-3 to allow for a minimum 20-foot buffer around all sides of the transfer station building. Additionally, the narrative description of the facility in Part I/II Section 2.1, Part III-SDP Section 2.2.5, and Part IV-SOP Section 8.9 has been revised to include down-cast lighting and noise barriers, and the operating hours have been revised.

During the course of your review, if you need additional information or have any questions, please call.

Sincerely,

A handwritten signature in blue ink, appearing to read 'C Marsh', is placed below the word 'Sincerely,'.

Charles Marsh, P.E.
Project Director

Attachments: Attachment 1: Revision Pages (RLSO Format)
Attachment 2: Revision Pages (Clean Format)

cc: TCEQ Region 13
Mr. Brett O'Connor, Waste Connections Lone Star, Inc.

ATTACHMENT 1
REVISION PAGES
(RLSO FORMAT)

**SAN ANTONIO TRANSFER STATION
BEXAR COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2420**

TYPE V TRANSFER STATION PERMIT APPLICATION

PARTS I/II

GENERAL APPLICATION REQUIREMENTS

Prepared for
Waste Connections Lone Star, Inc.

January 2024
Revised May 2024
Revised July 2024

Revised September 2024



Prepared by
Weaver Consultants Group, LLC
TBPE Registration No. F-3727
6420 Southwest Boulevard, Suite 206
Fort Worth, Texas 76109
817-735-9770

WCG Project No. 0601-012-11-01

This document is issued for permitting purposes only.

2 SUPPLEMENTARY TECHNICAL REPORT

2.1 Facility Description

The San Antonio TS is a proposed Type V MSW processing facility to be located in Bexar County at 10244 FM 1346, Bexar County, Texas 78101. The longitudinal and latitudinal geographic coordinates for the San Antonio TS are shown in Figure I/II-4.2.

The proposed San Antonio TS is located southeast of San Antonio in Bexar County, Texas. The proposed TS will provide WCLSI the ability to collect, process, load, and transport solid waste and recyclables more efficiently by allowing small solid waste collection vehicles to transfer the solid waste into larger transfer trailers before transport to a permitted MSW landfill.

The quantity and types of waste to be transferred at the San Antonio TS, as well as the site development and site operations, are discussed in the following subsections.

The TS area for waste collection vehicles will consist of a reinforced concrete tipping floor (where incoming waste will be deposited) that extends beneath the entire overhead roof structure. The tipping floor will be well-lit (via natural lighting and overhead lighting), and include an area where transfer trailers will park during loading from the tipping floor. Incoming loads will be directed to the tipping floor for transfer operations. Typically, MSW deposited on the tipping floor will be pushed by a front-end loader to a grapple loader (or similar materials handling equipment), which will load the MSW into a transfer trailer. The grapple loader may also be used to compact the waste or more evenly distribute the waste within the transfer trailer. The transfer trailer will haul the MSW to a permitted MSW landfill. Facility layout drawings are included in Part III, Appendix IIIA.

The transfer station includes a covered structure. Ventilation is provided in the structure by the two open (north and south) sides and ventilation openings on the east and west walls of the structure. No significant air pollution emissions are expected to result from the operation of the facility. Exterior walls and parking areas will be lit by down cast lighting fixtures to minimize impact on adjacent residential properties.

2.1.1 Waste Acceptance Plan

The classifications of municipal solid waste to be accepted at the San Antonio TS include household waste, yard waste, commercial waste, certain types of industrial

This appendix addresses § 305.45(a)(7), § 305.45(a)(8), § 330.57(i), § 330.59(b), § 330.61(b), § 330.61(l), § 330.61(o), and § 330.61(p).

~~7~~5:00 a.m. and 7:00 p.m., Monday through Friday, and between 7:00 a.m. and 12:00 p.m. on Saturday. Waste receipt hours for the public will be posted on the entrance sign and will be within the hours listed above.

In addition to the waste acceptance hours above, heavy equipment operation, transfer trailer loading, and transportation of materials off the site may occur between 5:00 a.m. and ~~9~~7:00 p.m. Monday through Friday, and between 7:00 a.m. and 4:00 p.m. on Saturday. Other non-waste management activities, including administrative and maintenance activities, do not require specific approval and may occur 24 hours per day, 7 days per week.

2.2 Texas Historical Commission Review

A Texas Historical Commission coordination letter is included in Appendix I/IIA. The Historical Commission concluded that no historic properties will be affected by the proposed TS development.

2.3 Alamo Area Council of Governments

The proposed San Antonio TS is consistent with the Alamo Areas Council of Governments (AACOG) Regional Solid Waste Plan

Parts I/II of this application was submitted to the AACOG in February 2024. A letter documenting that Parts I/II was submitted to the AACOG is included in Appendix I/IIA. Also included is the ~~March 27~~April 23, 2024 email from the AACOG stating that, upon review, the AACOG found the proposed transfer station to be consistent with the goals of their Regional Solid Waste Management Plan.

2.4 Abandoned Oil and Water Wells

2.4.1 Water Wells

A water well search was conducted by ERIS, for an area that included the TS property boundary area and the area within 0.5 miles of the site. A copy of the ERIS report is included as Appendix I/IIB. As shown on Figure I/II-4.2, there are no water wells located within 500 feet of the property boundary. According to the ERIS search, the nearest water well is over 7,000 feet northeast of the site.

If in the future any water well is discovered, WCLSI will, within 30 days of discovery, provide written certification to the TCEQ that all such wells have been capped, plugged, and closed in accordance with all applicable rules and regulations of the Commission or other state agency.

2.4.2 Oil and Gas Wells

An oil and gas well search was conducted by ERIS for the area within 0.5 miles of the property boundary. The search revealed that there were no producing well

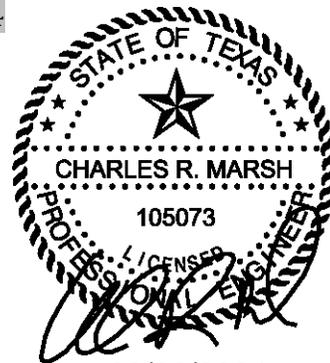
**SAN ANTONIO TRANSFER STATION
BEXAR COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2420
TYPE V PERMIT APPLICATION
PART III
SITE DEVELOPMENT PLAN**

Prepared for

Waste Connections Lone Star, Inc.

January 2024
Revised May 2024
Revised July 2024

Revised September 2024



Prepared by

Weaver Consultants Group, LLC
TBPE Registration No. F-3727
6420 Southwest Boulevard, Suite 206
Fort Worth, Texas 76109
817-735-9770

09/26/2024

WCG Project No. 0601-012-11-01

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2.2.5 Noise Pollution Control §330.63(b)(2)(I)

Since TS activities take place within the structure, generated noise is mostly confined to the structure. Waste transfer operations are screened and buffered from the public by existing dense trees and bushes, as well as an 8' screening fence on portions of the facility perimeter bordering existing residents. WCLSI will utilize OSHA-approved "white noise" or similar backup alarms on mobile TS equipment as practicable. The TS structure is located at a sufficient distance from nearby residences and businesses so that activities at the site are not readily visible. The Permit boundary is located approximately 50 feet from the nearest residence, with the TS structure located approximately 180 feet from the nearest residence/business. A Facility Screening Plan is provided as Figure IIIA-5.

2.3 Sanitation and Water Pollution Control §330.63(b)(3) & (4)

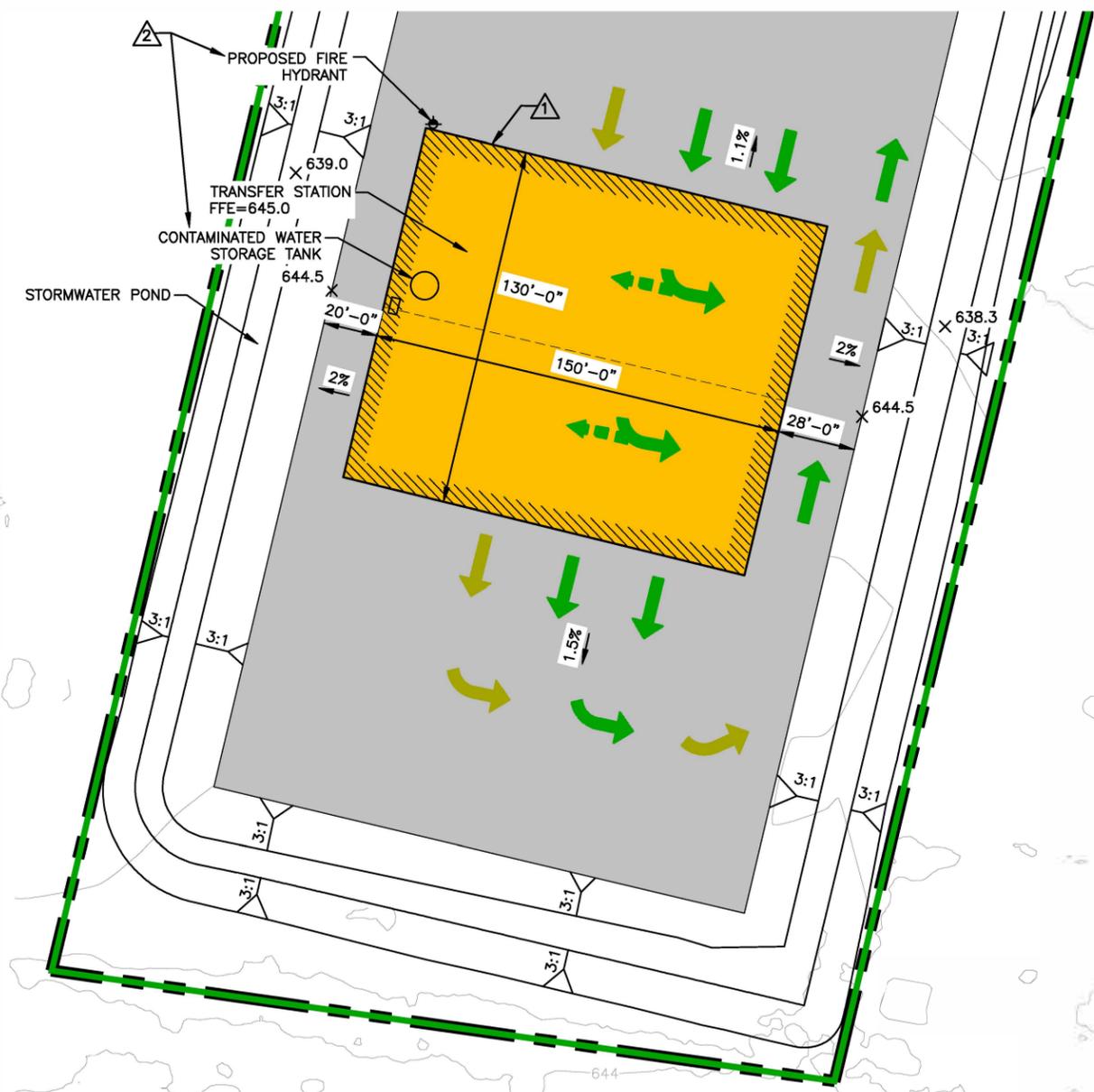
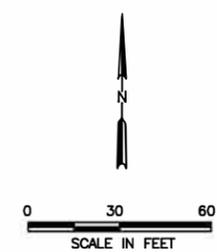
The TS structure will include a metal roof that covers the concrete slab waste processing area (tipping floor) and the waste storage area. Waste will be unloaded and processed on the concrete tipping floor. As shown on Figure IIIA-3 (Appendix IIIA), a 50-gallon (minimum) sump will collect contaminated water from the tipping floor, which will then convey it to a minimum 500-gallon grit trap/oil water separator then to a minimum 2,000-gallon holding tank. As discussed in Appendix IIIB, the TS site will be graded to prevent run-on drainage and flow of stormwater onto the tipping floor.

2.3.1 Surface Water and Groundwater Protection §330.63(b)(3)(A) & (4)

As discussed in the Parts I/II, Section 10, the TS site is designed to prevent discharge of pollutants into waters of the United States, as defined by the Texas Water Code and the Federal Clean Water Act, respectively. The facility will be constructed, maintained, and operated to manage run-on and runoff during the peak discharge of a 25-year rainfall event and prevent the off-site discharge of waste material, including, but not limited to, in-process and/or processed materials. Surface water drainage in and around the facility will be controlled to prevent surface water from running into, onto, and off the processing area. Since all contaminated water is managed in a controlled manner, as discussed above, groundwater is protected.

2.3.2 Floor Wash Down §330.63(b)(3)(A) through (D) and §330.243(a)

Waste processing operations within the TS structure will be conducted on a covered tipping floor. All walls and floors in operating areas will be constructed of masonry, concrete, or other hard-surfaced materials that will be washed at least weekly with a pressure washer and/or powered floor sweeper. A one-hour wash with a pressure washer flowrate of 5 gpm produces an expected wastewater output of 300-350 gallons per week. Waste water will drain through a sump and be directed to an oil/water separator then to a minimum 2,000-gallon contaminated water holding tank.



LEGEND

- PERMIT BOUNDARY
- EXISTING CONTOUR
- PROPOSED BUILDING
- PROPOSED CONCRETE OR ASPHALT PAVEMENT OR AGGREGATE SURFACE
- PROPOSED SPOT ELEVATION
- TRANSFER TRAILER ROUTE
- ROUTE TRUCK/UNLOADING ROUTE
- SCREENING AND ACCESS CONTROL FENCE (SEE NOTE 3)
- INDICATES REVISION (SEE LIST OF REVISIONS)

NOTES:

1. THE EXISTING CONTOURS PROVIDED BY TEXAS RESOURCE INFORMATION SYSTEM (TNRIS) BEXAR AND TRAVIS COUNTIES LIDAR, 2022.
2. THE TRANSFER STATION ACCESS WILL BE CONTROLLED BY A FENCE AROUND THE PROPERTY WITH GATES ON THE FACILITY ENTRANCE ROAD. AREAS WITH DENSE TREES PROVIDE A NATURAL BARRIER AROUND THE EAST SIDE OF THE FACILITY BOUNDARY.
3. PERIMETER FENCE ACCESS POINTS MAY BE INSTALLED TO FACILITATE SITE MAINTENANCE AND OPERATIONS.
4. THE PROPERTY BOUNDARY IS COINCIDENT WITH THE PERMIT BOUNDARY FOR THE PORTION OF THE SITE DEPICTED.
5. THE FIRE HYDRANT MAY BE RELOCATED OR SUBSTITUTED FOR A STORAGE TANK IF REQUIRED BY THE FIRE MARSHAL.

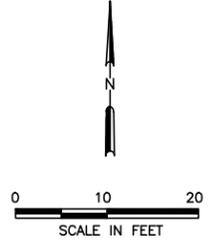
LIST OF REVISIONS:

1. RELOCATED TRANSFER STATION BUILDING TO INCREASE BUFFER TO THE WESTERN SIDE.
2. RELOCATED FIRE HYDRANT AND CONTAMINATED WATER STORAGE TANK.
3. ADDED NOTE 5.

<input type="checkbox"/> 90% REVIEW <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR WASTE CONNECTIONS LONE STAR, INC.		TYPE V PERMIT APPLICATION TRANSFER AREA SITE PLAN SAN ANTONIO TRANSFER STATION BEXAR COUNTY, TEXAS	
	DATE: 01/2024 FILE: 0601-012-11 CAD: IIIA-1-PROPOSED SITE PLAN.DWG	DRAWN BY: RAA DESIGN BY: MB REVIEWED BY: CRM		
Weaver Consultants Group TBPE REGISTRATION NO. F-3727		NO. 1	DATE 09/2024	DESCRIPTION SEE LIST OF REVISION
		WWW.WCGRP.COM		FIGURE IIIA-2



09/26/2024



LEGEND

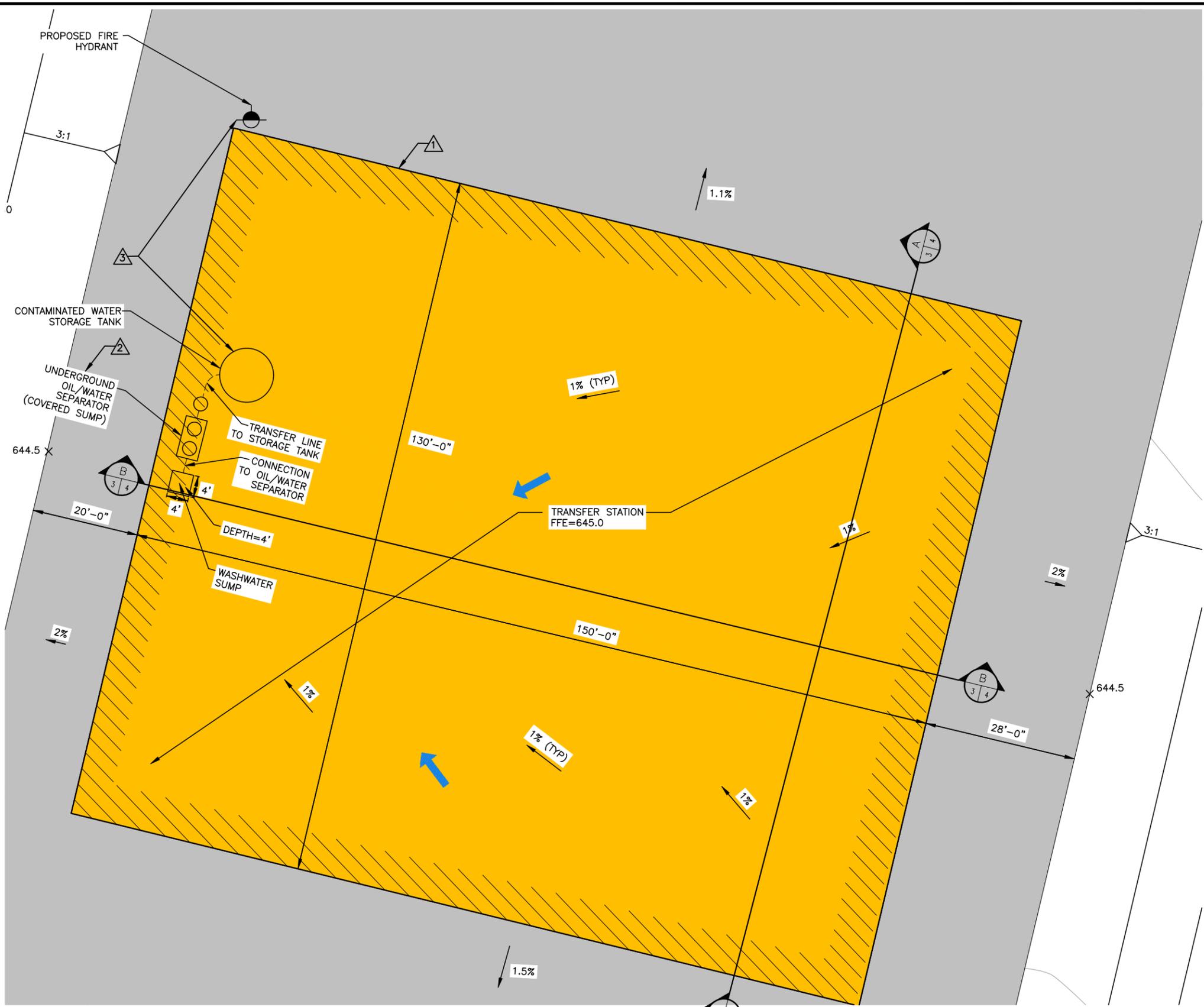
- 640 EXISTING CONTOUR
- PROPOSED BUILDING
- PROPOSED CONCRETE OR ASPHALT PAVEMENT OR AGGREGATE SURFACE
- 642.0 PROPOSED SPOT ELEVATION
- FLOW DIRECTION
- INDICATES REVISION (SEE LIST OF REVISIONS)

NOTES:

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2. THE TRANSFER STATION ACCESS WILL BE CONTROLLED BY A FENCE AROUND THE PROPERTY WITH GATES ON THE FACILITY ENTRANCE ROAD. AREAS WITH DENSE TREES PROVIDE A NATURAL BARRIER AROUND THE EAST SIDE OF THE FACILITY BOUNDARY.
3. PERIMETER FENCE ACCESS POINTS MAY BE INSTALLED TO FACILITATE SITE MAINTENANCE AND OPERATIONS.
4. THE FIRE HYDRANT MAY BE RELOCATED OR SUBSTITUTED FOR A STORAGE TANK IF REQUIRED BY THE FIRE MARSHAL.

LIST OF REVISIONS:

1. RELOCATED TRANSFER STATION BUILDING TO INCREASE BUFFER TO THE WESTERN SIDE.
2. CLARIFICATION OF OIL/WATER SEPARATOR DESIGN.
3. RELOCATED FIRE HYDRANT, OIL/WATER SEPARATOR, AND CONTAMINATED WATER STORAGE TANK.
4. ADDED NOTE 4.



90% REVIEW
 FOR PERMITTING PURPOSES ONLY
 ISSUED FOR CONSTRUCTION

DATE: 01/2024
 FILE: 0601-012-11
 CAD: IIIA-3-PROPOSED SITE PLAN.DWG

DRAWN BY: RAA
 DESIGN BY: MB
 REVIEWED BY: CRM

Weaver Consultants Group
 TBPE REGISTRATION NO. F-3727

PREPARED FOR
WASTE CONNECTIONS LONE STAR, INC.

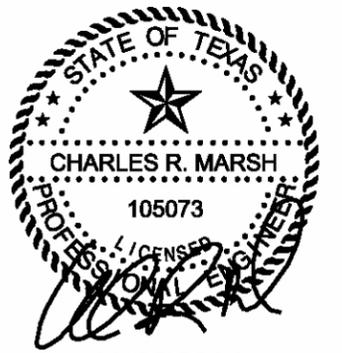
REVISIONS		
NO.	DATE	DESCRIPTION
1	09/2024	SEE LIST OF REVISIONS

TYPE V PERMIT APPLICATION
TRANSFER STATION BUILDING PLAN

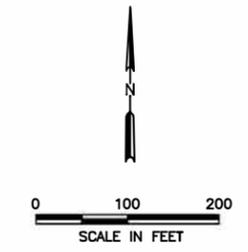
SAN ANTONIO TRANSFER STATION
 BEXAR COUNTY, TEXAS

WWW.WCGRP.COM **FIGURE IIIA-3**

0:\0601\12\TYPE V PERMIT APP\PART III\IIIA\CLEAN (07-2024)\IIIA-3 TRANSFER STATION PLAN.dwg. Necessary



09/26/2024



LEGEND

	PERMIT BOUNDARY
	PROPERTY BOUNDARY
	EXISTING CONTOUR
	PROPOSED BUILDING
	EXISTING GRAVEL PAVEMENT
	PROPOSED GRAVEL PAVEMENT
	PROPOSED CONCRETE OR ASPHALT PAVEMENT OR AGGREGATE SURFACE
	EXISTING TREES
	EXISTING BUILDING
	SCREENING AND ACCESS CONTROL FENCE (SEE NOTE 4)
	INDICATES REVISION (SEE LIST OF REVISIONS)

NOTES:

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3. PERIMETER FENCE ACCESS POINTS MAY BE INSTALLED TO FACILITATE SITE MAINTENANCE AND OPERATIONS.
4. SCREENING FENCE TO BE INSTALLED ALONG PORTIONS OF THE SOUTHERN, WESTERN, AND EASTERN PERIMETERS. DOWNCAST LIGHT FIXTURES WILL BE USED TO PREVENT MIGRATION OF LIGHTING.

LIST OF REVISIONS:

1. ADDED NOTE 4.
2. SPECIFIED FENCE TO SERVE AS SCREENING AND ACCESS CONTROL.

<input type="checkbox"/> 90% REVIEW <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR		WASTE CONNECTIONS LONE STAR, INC. TYPE V PERMIT APPLICATION SCREENING PLAN SAN ANTONIO TRANSFER STATION BEXAR COUNTY, TEXAS											
	DATE: 01/2024 FILE: 0601-012-11 CAD: IIIA-5-SCREENING PLANDWG			<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>05/2024</td> <td>PERMIT MODIFICATION</td> </tr> <tr> <td>1</td> <td>09/2024</td> <td>SEE LIST OF REVISIONS</td> </tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION	1	05/2024	PERMIT MODIFICATION	1
REVISIONS														
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Weaver Consultants Group TBPE REGISTRATION NO. F-3727		WWW.WCGRP.COM	FIGURE IIIA-5											

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**SAN ANTONIO TRANSFER STATION
BEXAR COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2420
TYPE V PERMIT APPLICATION**

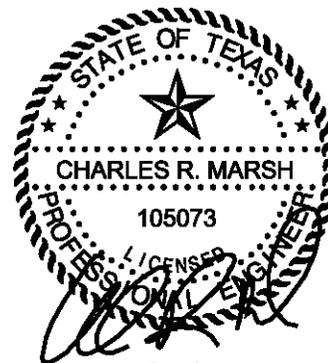
**PART IV
SITE OPERATING PLAN**

Prepared for

Waste Connections Lone Star, Inc.

January 2024
Revised May 2024
Revised July 2024

Revised September 2024



09/26/2024

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WCG Project No. 0601-012-11-01

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- Drums or containers with warning labels
- Loads which have a visible emission, smoke, strong chemical odor, or cause physical symptoms (e.g., irritation of eyes, nose, throat, skin, nausea, dizziness, or headache).

The inspector will not physically inspect any vehicle that appears to present possible physical danger. The Transfer Station Manager or his designee will be contacted immediately if such a load enters the facility.

The Transfer Station Manager or his designee will determine when to conduct inspections of incoming loads. The inspections will be conducted in a manner that allows the inspector to view all contents of the waste load. However, there may be some situations where it is not feasible to view the entire contents of the waste load (e.g., baled wastes). In these situations, the inspector will make an effort to view as much as possible. The inspections will be conducted in an expeditious manner to minimize disruption to normal operations.

8.3 Spill Prevention and Control (§330.227)

The unloading areas have been designed to control and contain spills and contaminated water. Contaminated water generated by the TS will consist of wash water applied to the tipping floor. The tipping floor has been designed to control and contain spills and contaminated water. Contaminated water will be directed to a drain within the tipping floor before it is conveyed to a holding tank. The holding tank will be pumped, as necessary, and hauled to a POTW by a registered hauler.

8.4 Operating Hours (§330.229)

The facility will be authorized to accept and process waste and operate during the timeframes described in this section.

WCLSI, the general public, and other commercial waste transportation companies may utilize this facility for the receipt and processing of waste between the hours of 5:00 a.m. and 7:00 p.m., Monday through Friday and between 7:00 a.m. and 12:00 p.m. on Saturday. Waste acceptance hours for the public will be posted on the entrance sign and will be within the hours listed above. The need for extended hours outside the hours set forth in Title 30 TAC §330.229 is based on waste collection vehicles collecting waste during hours outside the 7:00 a.m. to 7:00 p.m. time frame.

In addition to the waste acceptance hours, heavy equipment operation, transfer trailer loading, and transportation of materials off the site may occur between 1:00 a.m. and 7:00 p.m., Monday through Friday and between 7:00 a.m. and 4:00 p.m. on Saturday. Other non-waste management activities, including administrative and

maintenance activities, do not require specific approval and may occur 24 hours per day, seven days a week.

In addition, the transfer station may request alternative operating hours to accommodate special occasions, special purpose events, holidays, or other special occurrences. The facility will notify the TCEQ regional office in advance for these alternative hours.

When warranted, the facility supervisor will request approval from the commission's regional office to allow additional temporary operating hours to address disaster or other emergency situations, or other unforeseen circumstances (such as traffic delays or adverse weather) that could result in the disruption of waste management services in the area. The facility personnel will document the reason or reasons for the delay for each day on which a delay occurs and place the documentation in the operating record.

The facility will record the dates, time, and duration when any alternative operating hours are utilized. The information will be maintained with the site operating record.

8.5 Facility Sign (§330.231)

A conspicuous sign measuring a minimum four feet by four feet will be maintained at the public entrance to the facility. The sign states, in letters at least three inches high, the following information:

Type of MSW Facility: Type V

Authorized by TCEQ Permit Number: MSW-2420

Hours of Operation for Waste Acceptance:

5:00 a.m. to 7:00 p.m., Monday through Friday

7:00 a.m. to 12:00 p.m. Saturday

Local Emergency Fire Department Number: 911

Other relevant information may also be included on the sign. Waste acceptance hours for both commercial waste haulers and the public may differ from the permitted hours shown above and, if different, will be posted on the facility sign. In no instance will normal waste acceptance hours be outside permitted hours for waste acceptance, listed in Section 8.4.

The sign will be visible and readable from the facility entrance. A sign will be prominently displayed at the facility entrance stating that all loads will be properly covered or otherwise secured, in addition to stating the wastes that are prohibited from receipt at the facility.

facility and returning to public access roads. It is not anticipated that mud or other debris will be tracked onto FM 1346 Road given the all-weather surface that will exist on these roads. The onsite access roads will be maintained in a reasonably mud and dust free condition by sweeping and/or periodic water spraying from a water truck dispatched to the site (or from the wash down hose), as necessary. The entrance, access, and internal roads will be maintained in a clean and safe condition. Repairs will be performed as identified during routine inspections.

8.9 Noise Pollution and Visual Screening (§330.239)

Since transfer activities will occur beneath the TS structure, down cast lighting fixtures will be used along walls and in parking areas and WCLSI will install OSHA-approved “white noise” or similar backup alarms on mobile TS equipment as practicable, generated light and noise are is mostly confined to the TS facility and waste transfer operations are screened from the public. An 8’ screening fence that will act as a noise barrier may be constructed along portions of the southern, western, and eastern perimeters of the facility. Existing trees and bushes provide screening for the facility. A Facility Screening Plan is shown on Drawing IIIA-5. The facility is located at a sufficient distance from most nearby residences and businesses that activities at the site will not be readily visible. The Permit boundary is approximately 48 feet from the nearest residence, with the TS structure located approximately 180 feet from the nearest residence. The Permit boundary is approximately 130 feet from the nearest business. There are 2 churches and no schools, historic cemeteries, nor aesthetically significant sites within a half mile radius of the facility.

8.10 Overloading and Breakdown (§330.241)

The maximum time waste material will be stored will not exceed 48 hours, except holidays during holidays, waste may be temporarily stored at the facility not to exceed a time period of 72 hours. Waste will not be stored on the transfer station floor at night or on the facility premises after closing hours on Saturdays and Sundays.

If a significant work stoppage should occur at the facility due to a mechanical breakdown or other causes or the site is expected to become inoperable more than 24 hours beyond above listed storage periods, or the site cannot operate in accordance with the SOP, the site will accordingly restrict the receiving of solid waste materials. Under such circumstances, incoming solid waste will be diverted directly to an authorized facility. If the work stoppage is anticipated to last long enough to create nuisance odors, insect breeding, or harborage of vectors, steps will be taken to remove the accumulated solid waste materials from the TS to a properly permitted area landfill.

The TS will be able to store maximum of 2,500 tons of refuse on the tipping floor.

ATTACHMENT 2
REVISION PAGES
(CLEAN FORMAT)

**SAN ANTONIO TRANSFER STATION
BEXAR COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2420**

TYPE V TRANSFER STATION PERMIT APPLICATION

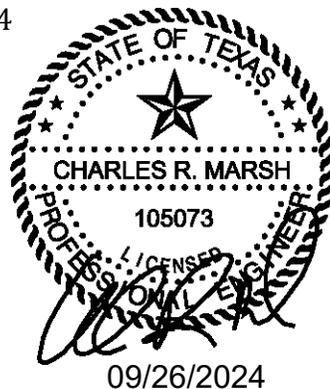
PARTS I/II

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Waste Connections Lone Star, Inc.

January 2024
Revised May 2024
Revised July 2024

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Weaver Consultants Group, LLC
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2.1.1 Waste Acceptance Plan

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This appendix addresses § 305.45(a)(7), § 305.45(a)(8), § 330.57(i), § 330.59(b), § 330.61(b), § 330.61(l), § 330.61(o), and § 330.61(p).

5:00 a.m. and 7:00 p.m., Monday through Friday, and between 7:00 a.m. and 12:00 p.m. on Saturday. Waste receipt hours for the public will be posted on the entrance sign and will be within the hours listed above.

In addition to the waste acceptance hours above, heavy equipment operation, transfer trailer loading, and transportation of materials off the site may occur between 5:00 a.m. and 7:00 p.m. Monday through Friday, and between 7:00 a.m. and 4:00 p.m. on Saturday. Other non-waste management activities, including administrative and maintenance activities, do not require specific approval and may occur 24 hours per day, 7 days per week.

2.2 Texas Historical Commission Review

A Texas Historical Commission coordination letter is included in Appendix I/IIA. The Historical Commission concluded that no historic properties will be affected by the proposed TS development.

2.3 Alamo Area Council of Governments

The proposed San Antonio TS is consistent with the Alamo Areas Council of Governments (AACOG) Regional Solid Waste Plan

Parts I/II of this application was submitted to the AACOG in February 2024. A letter documenting that Parts I/II was submitted to the AACOG is included in Appendix I/IIA. Also included is the April 23, 2024 email from the AACOG stating that, upon review, the AACOG found the proposed transfer station to be consistent with the goals of their Regional Solid Waste Management Plan.

2.4 Abandoned Oil and Water Wells

2.4.1 Water Wells

A water well search was conducted by ERIS, for an area that included the TS property boundary area and the area within 0.5 miles of the site. A copy of the ERIS report is included as Appendix I/IIB. As shown on Figure I/II-4.2, there are no water wells located within 500 feet of the property boundary. According to the ERIS search, the nearest water well is over 7,000 feet northeast of the site.

If in the future any water well is discovered, WCLSI will, within 30 days of discovery, provide written certification to the TCEQ that all such wells have been capped, plugged, and closed in accordance with all applicable rules and regulations of the Commission or other state agency.

2.4.2 Oil and Gas Wells

An oil and gas well search was conducted by ERIS for the area within 0.5 miles of the property boundary. The search revealed that there were no producing well

**SAN ANTONIO TRANSFER STATION
BEXAR COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2420
TYPE V PERMIT APPLICATION
PART III
SITE DEVELOPMENT PLAN**

Prepared for

Waste Connections Lone Star, Inc.

January 2024

Revised May 2024

Revised July 2024

Revised September 2024



Prepared by

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Boulevard, Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0601-012-11-01

This document is issued for permitting purposes only.

2.2.5 Noise Pollution Control §330.63(b)(2)(I)

Since TS activities take place within the structure, generated noise is mostly confined to the structure. Waste transfer operations are screened and buffered from the public by existing dense trees and bushes, as well as an 8' screening fence on portions of the facility perimeter bordering existing residents. WCLSI will utilize OSHA-approved "white noise" or similar backup alarms on mobile TS equipment as practicable. The TS structure is located at a sufficient distance from nearby residences and businesses so that activities at the site are not readily visible. The Permit boundary is located approximately 50 feet from the nearest residence, with the TS structure located approximately 180 feet from the nearest residence/business. A Facility Screening Plan is provided as Figure IIIA-5.

2.3 Sanitation and Water Pollution Control §330.63(b)(3) & (4)

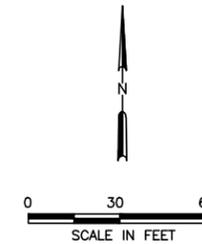
The TS structure will include a metal roof that covers the concrete slab waste processing area (tipping floor) and the waste storage area. Waste will be unloaded and processed on the concrete tipping floor. As shown on Figure IIIA-3 (Appendix IIIA), a 50-gallon (minimum) sump will collect contaminated water from the tipping floor, which will then convey it to a minimum 500-gallon grit trap/oil water separator then to a minimum 2,000-gallon holding tank. As discussed in Appendix IIIB, the TS site will be graded to prevent run-on drainage and flow of stormwater onto the tipping floor.

2.3.1 Surface Water and Groundwater Protection §330.63(b)(3)(A) & (4)

As discussed in the Parts I/II, Section 10, the TS site is designed to prevent discharge of pollutants into waters of the United States, as defined by the Texas Water Code and the Federal Clean Water Act, respectively. The facility will be constructed, maintained, and operated to manage run-on and runoff during the peak discharge of a 25-year rainfall event and prevent the off-site discharge of waste material, including, but not limited to, in-process and/or processed materials. Surface water drainage in and around the facility will be controlled to prevent surface water from running into, onto, and off the processing area. Since all contaminated water is managed in a controlled manner, as discussed above, groundwater is protected.

2.3.2 Floor Wash Down §330.63(b)(3)(A) through (D) and §330.243(a)

Waste processing operations within the TS structure will be conducted on a covered tipping floor. All walls and floors in operating areas will be constructed of masonry, concrete, or other hard-surfaced materials that will be washed at least weekly with a pressure washer and/or powered floor sweeper. A one-hour wash with a pressure washer flowrate of 5 gpm produces an expected wastewater output of 300-350 gallons per week. Waste water will drain through a sump and be directed to an oil/water separator then to a minimum 2,000-gallon contaminated water holding tank.

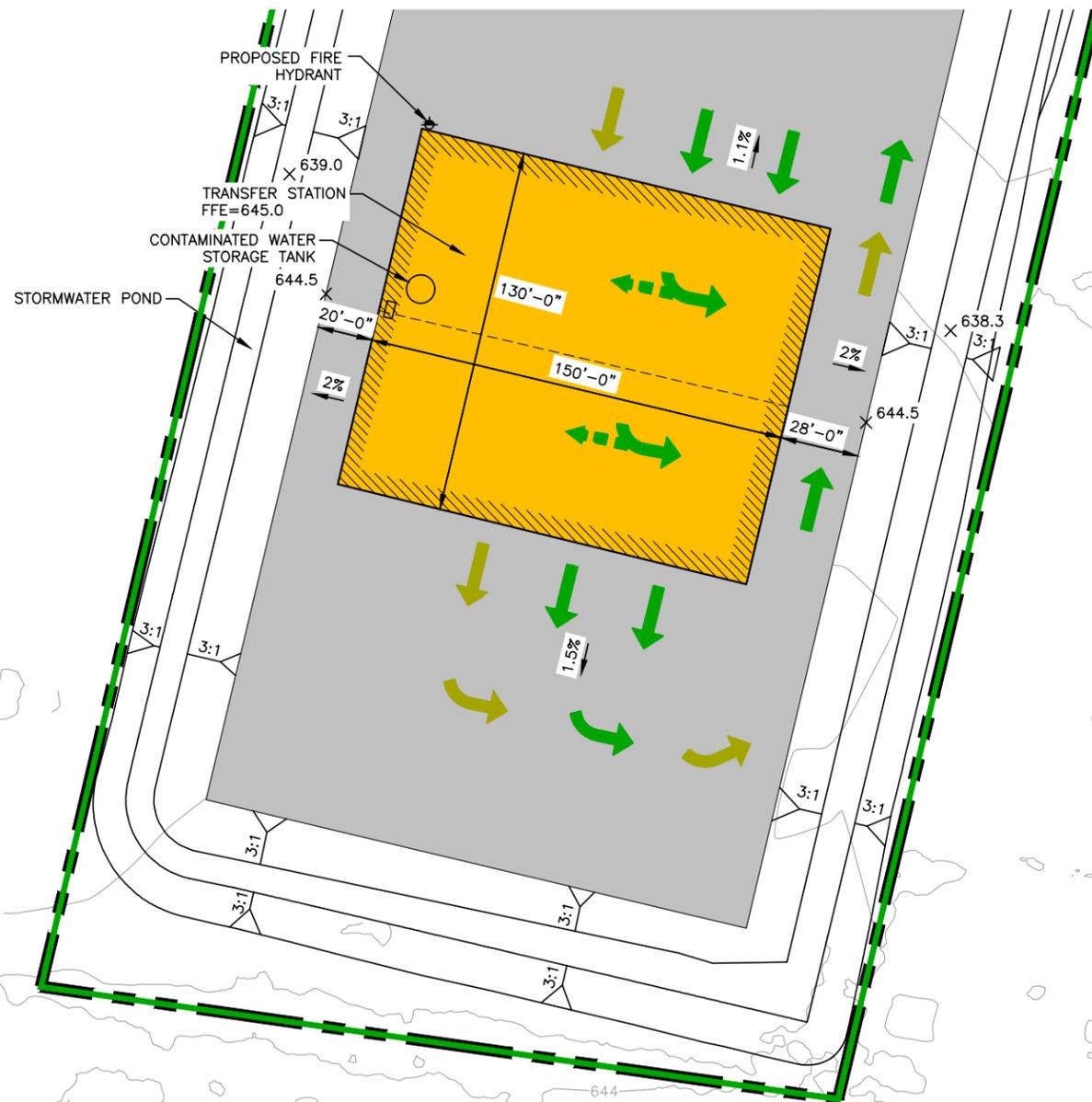


LEGEND

	PERMIT BOUNDARY
	EXISTING CONTOUR
	PROPOSED BUILDING
	PROPOSED CONCRETE OR ASPHALT PAVEMENT OR AGGREGATE SURFACE
	PROPOSED SPOT ELEVATION
	TRANSFER TRAILER ROUTE
	ROUTE TRUCK/UNLOADING ROUTE
	SCREENING AND ACCESS CONTROL FENCE (SEE NOTE 3)

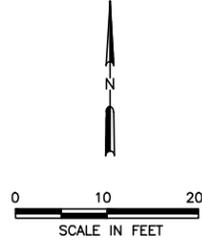
NOTES:

1. THE EXISTING CONTOURS PROVIDED BY TEXAS RESOURCE INFORMATION SYSTEM (TNRIS) BEXAR AND TRAVIS COUNTIES LIDAR, 2022.
2. THE TRANSFER STATION ACCESS WILL BE CONTROLLED BY A FENCE AROUND THE PROPERTY WITH GATES ON THE FACILITY ENTRANCE ROAD. AREAS WITH DENSE TREES PROVIDE A NATURAL BARRIER AROUND THE EAST SIDE OF THE FACILITY BOUNDARY.
3. PERIMETER FENCE ACCESS POINTS MAY BE INSTALLED TO FACILITATE SITE MAINTENANCE AND OPERATIONS.
4. THE PROPERTY BOUNDARY IS COINCIDENT WITH THE PERMIT BOUNDARY FOR THE PORTION OF THE SITE DEPICTED.
5. THE FIRE HYDRANT MAY BE RELOCATED OR SUBSTITUTED FOR A STORAGE TANK IF REQUIRED BY THE FIRE MARSHAL.



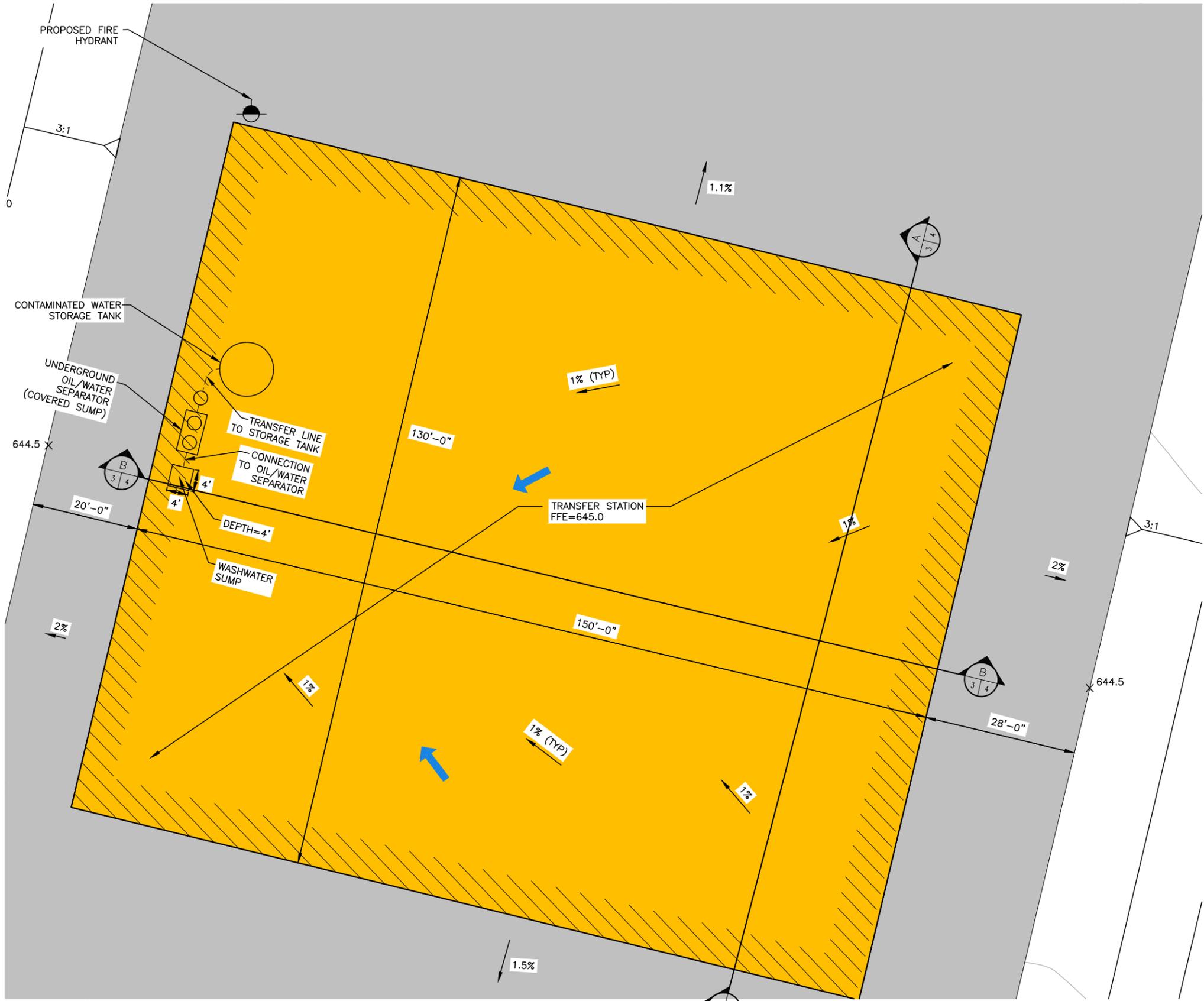
<input type="checkbox"/> 90% REVIEW <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR WASTE CONNECTIONS LONE STAR, INC.		TYPE V PERMIT APPLICATION TRANSFER AREA SITE PLAN SAN ANTONIO TRANSFER STATION BEXAR COUNTY, TEXAS	
	DATE: 01/2024 FILE: 0601-012-11 CAD: IIIA-1-PROPOSED SITE PLAN.DWG	DRAWN BY: RAA DESIGN BY: MB REVIEWED BY: CRM		
Weaver Consultants Group TBPE REGISTRATION NO. F-3727		NO. 1 DATE 09/2024 DESCRIPTION PERMIT MODIFICATION	WWW.WCGRP.COM	
				FIGURE IIIA-2

0:\0601\12\TYPE V PERMIT APP\PART III\IIIA\CLEAN (07-2024)\IIIA-2 TRANSFER AREA.dwg, knecessary



- LEGEND**
- 640 EXISTING CONTOUR
 - PROPOSED BUILDING
 - PROPOSED CONCRETE OR ASPHALT PAVEMENT OR AGGREGATE SURFACE
 - 642.0 PROPOSED SPOT ELEVATION
 - FLOW DIRECTION
 - INDICATES REVISION

- NOTES:**
1. THE EXISTING CONTOURS PROVIDED BY TEXAS RESOURCE INFORMATION SYSTEM (TNRIS) BEXAR AND TRAVIS COUNTIES LIDAR, 2022.
 2. THE TRANSFER STATION ACCESS WILL BE CONTROLLED BY A FENCE AROUND THE PROPERTY WITH GATES ON THE FACILITY ENTRANCE ROAD. AREAS WITH DENSE TREES PROVIDE A NATURAL BARRIER AROUND THE EAST SIDE OF THE FACILITY BOUNDARY.
 3. PERIMETER FENCE ACCESS POINTS MAY BE INSTALLED TO FACILITATE SITE MAINTENANCE AND OPERATIONS.
 4. THE FIRE HYDRANT MAY BE RELOCATED OR SUBSTITUTED FOR A STORAGE TANK IF REQUIRED BY THE FIRE MARSHAL.

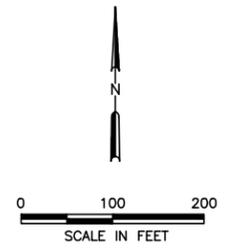


<input type="checkbox"/> 90% REVIEW	PREPARED FOR
<input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY	WASTE CONNECTIONS LONE STAR, INC.
<input type="checkbox"/> ISSUED FOR CONSTRUCTION	
DATE: 01/2024	DRAWN BY: RAA
FILE: 0601-012-11	DESIGN BY: MB
CAD: IIIA-3-PROPOSED SITE PLAN.DWG	REVIEWED BY: CRM
Weaver Consultants Group	
TBPE REGISTRATION NO. F-3727	

REVISIONS		
NO.	DATE	DESCRIPTION
1	09/2024	PERMIT MODIFICATION

TYPE V PERMIT APPLICATION
TRANSFER STATION BUILDING PLAN
 SAN ANTONIO TRANSFER STATION
 BEXAR COUNTY, TEXAS

WWW.WCGRP.COM **FIGURE IIIA-3**



LEGEND

	PERMIT BOUNDARY
	PROPERTY BOUNDARY
	EXISTING CONTOUR
	PROPOSED BUILDING
	EXISTING GRAVEL PAVEMENT
	PROPOSED GRAVEL PAVEMENT
	PROPOSED CONCRETE OR ASPHALT PAVEMENT OR AGGREGATE SURFACE
	EXISTING TREES
	EXISTING BUILDING
	SCREENING AND ACCESS CONTROL FENCE (SEE NOTE 4)

- NOTES:**
1. THE EXISTING CONTOURS PROVIDED BY TEXAS RESOURCE INFORMATION SYSTEM (TNRIS) BEXAR AND TRAVIS COUNTIES LIDAR, 2022.
 2. THE TRANSFER STATION ACCESS WILL BE CONTROLLED BY A FENCE AROUND THE PROPERTY WITH GATES ON THE FACILITY ENTRANCE ROAD. AREAS WITH DENSE TREES PROVIDE A NATURAL BARRIER AROUND THE EAST SIDE OF THE FACILITY BOUNDARY.
 3. PERIMETER FENCE ACCESS POINTS MAY BE INSTALLED TO FACILITATE SITE MAINTENANCE AND OPERATIONS.
 4. SCREENING FENCE TO BE INSTALLED ALONG PORTIONS OF THE SOUTHERN, WESTERN, AND EASTERN PERIMETERS. DOWNCAST LIGHT FIXTURES WILL BE USED TO PREVENT MIGRATION OF LIGHTING.

<input type="checkbox"/> 90% REVIEW <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR		WASTE CONNECTIONS LONE STAR, INC. TYPE V PERMIT APPLICATION SCREENING PLAN SAN ANTONIO TRANSFER STATION BEXAR COUNTY, TEXAS
	DATE: 01/2024 FILE: 0601-012-11 CAD: IIIA-5-SCREENING PLAN.DWG		
DRAWN BY: RAA DESIGN BY: MB REVIEWED BY: CRM	REVISIONS		WWW.WCGRP.COM
	NO.	DATE	
Weaver Consultants Group TBPE REGISTRATION NO. F-3727	1	05/2024	PERMIT MODIFICATION
	1	09/2024	PERMIT MODIFICATION
			FIGURE IIIA-5

O:\0601\12\PERMIT APP\PART III\IIA\CLEAN (07-2024)\IIA-5 SCREENING PLAN.dwg - Necessary

**SAN ANTONIO TRANSFER STATION
BEXAR COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2420
TYPE V PERMIT APPLICATION**

**PART IV
SITE OPERATING PLAN**

Prepared for

Waste Connections Lone Star, Inc.

January 2024

Revised May 2024

Revised July 2024

Revised September 2024



Prepared by

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Boulevard, Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0601-012-11-01

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- Drums or containers with warning labels
- Loads which have a visible emission, smoke, strong chemical odor, or cause physical symptoms (e.g., irritation of eyes, nose, throat, skin, nausea, dizziness, or headache).

The inspector will not physically inspect any vehicle that appears to present possible physical danger. The Transfer Station Manager or his designee will be contacted immediately if such a load enters the facility.

The Transfer Station Manager or his designee will determine when to conduct inspections of incoming loads. The inspections will be conducted in a manner that allows the inspector to view all contents of the waste load. However, there may be some situations where it is not feasible to view the entire contents of the waste load (e.g., baled wastes). In these situations, the inspector will make an effort to view as much as possible. The inspections will be conducted in an expeditious manner to minimize disruption to normal operations.

8.3 Spill Prevention and Control (§330.227)

The unloading areas have been designed to control and contain spills and contaminated water. Contaminated water generated by the TS will consist of wash water applied to the tipping floor. The tipping floor has been designed to control and contain spills and contaminated water. Contaminated water will be directed to a drain within the tipping floor before it is conveyed to a holding tank. The holding tank will be pumped, as necessary, and hauled to a POTW by a registered hauler.

8.4 Operating Hours (§330.229)

The facility will be authorized to accept and process waste and operate during the timeframes described in this section.

WCLSI, the general public, and other commercial waste transportation companies may utilize this facility for the receipt and processing of waste between the hours of 5:00 a.m. and 7:00 p.m., Monday through Friday and between 7:00 a.m. and 12:00 p.m. on Saturday. Waste acceptance hours for the public will be posted on the entrance sign and will be within the hours listed above. The need for extended hours outside the hours set forth in Title 30 TAC §330.229 is based on waste collection vehicles collecting waste during hours outside the 7:00 a.m. to 7:00 p.m. time frame.

In addition to the waste acceptance hours, heavy equipment operation, transfer trailer loading, and transportation of materials off the site may occur between 1:00 a.m. and 7:00 p.m., Monday through Friday and between 7:00 a.m. and 4:00 p.m. on Saturday. Other non-waste management activities, including administrative and

maintenance activities, do not require specific approval and may occur 24 hours per day, seven days a week.

In addition, the transfer station may request alternative operating hours to accommodate special occasions, special purpose events, holidays, or other special occurrences. The facility will notify the TCEQ regional office in advance for these alternative hours.

When warranted, the facility supervisor will request approval from the commission's regional office to allow additional temporary operating hours to address disaster or other emergency situations, or other unforeseen circumstances (such as traffic delays or adverse weather) that could result in the disruption of waste management services in the area. The facility personnel will document the reason or reasons for the delay for each day on which a delay occurs and place the documentation in the operating record.

The facility will record the dates, time, and duration when any alternative operating hours are utilized. The information will be maintained with the site operating record.

8.5 Facility Sign (§330.231)

A conspicuous sign measuring a minimum four feet by four feet will be maintained at the public entrance to the facility. The sign states, in letters at least three inches high, the following information:

Type of MSW Facility: Type V

Authorized by TCEQ Permit Number: MSW-2420

Hours of Operation for Waste Acceptance:

5:00 a.m. to 7:00 p.m., Monday through Friday

7:00 a.m. to 12:00 p.m. Saturday

Local Emergency Fire Department Number: 911

Other relevant information may also be included on the sign. Waste acceptance hours for both commercial waste haulers and the public may differ from the permitted hours shown above and, if different, will be posted on the facility sign. In no instance will normal waste acceptance hours be outside permitted hours for waste acceptance, listed in Section 8.4.

The sign will be visible and readable from the facility entrance. A sign will be prominently displayed at the facility entrance stating that all loads will be properly covered or otherwise secured, in addition to stating the wastes that are prohibited from receipt at the facility.

facility and returning to public access roads. It is not anticipated that mud or other debris will be tracked onto FM 1346 Road given the all-weather surface that will exist on these roads. The onsite access roads will be maintained in a reasonably mud and dust free condition by sweeping and/or periodic water spraying from a water truck dispatched to the site (or from the wash down hose), as necessary. The entrance, access, and internal roads will be maintained in a clean and safe condition. Repairs will be performed as identified during routine inspections.

8.9 Noise Pollution and Visual Screening (§330.239)

Since transfer activities will occur beneath the TS structure, down cast lighting fixtures will be used along walls and in parking areas and WCLSI will install OSHA-approved “white noise” or similar backup alarms on mobile TS equipment as practicable, generated light and noise are mostly confined to the TS facility and waste transfer operations are screened from the public. An 8’ screening fence that will act as a noise barrier may be constructed along portions of the southern, western, and eastern perimeters of the facility. Existing trees and bushes provide screening for the facility. A Facility Screening Plan is shown on Drawing IIIA-5. The facility is located at a sufficient distance from most nearby residences and businesses that activities at the site will not be readily visible. The Permit boundary is approximately 48 feet from the nearest residence, with the TS structure located approximately 180 feet from the nearest residence. The Permit boundary is approximately 130 feet from the nearest business. There are 2 churches and no schools, historic cemeteries, nor aesthetically significant sites within a half mile radius of the facility.

8.10 Overloading and Breakdown (§330.241)

The maximum time waste material will be stored will not exceed 48 hours, except holidays during holidays, waste may be temporarily stored at the facility not to exceed a time period of 72 hours. Waste will not be stored on the transfer station floor at night or on the facility premises after closing hours on Saturdays and Sundays.

If a significant work stoppage should occur at the facility due to a mechanical breakdown or other causes or the site is expected to become inoperable more than 24 hours beyond above listed storage periods, or the site cannot operate in accordance with the SOP, the site will accordingly restrict the receiving of solid waste materials. Under such circumstances, incoming solid waste will be diverted directly to an authorized facility. If the work stoppage is anticipated to last long enough to create nuisance odors, insect breeding, or harborage of vectors, steps will be taken to remove the accumulated solid waste materials from the TS to a properly permitted area landfill.

The TS will be able to store maximum of 2,500 tons of refuse on the tipping floor.