
SPRING BRANCH TRANSFER STATION

MSW PERMIT No. 2419
HILL COUNTRY WASTE SOLUTIONS LLC (OPERATOR)
SPRING BRANCH, COMAL COUNTY, TEXAS

PART I

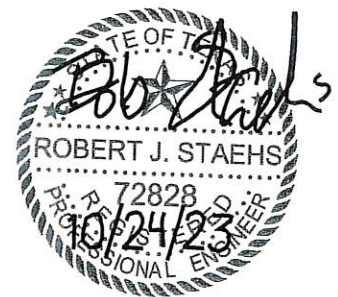
MAY, 2023
(REVISED JUNE, 2023)
(REVISED AUGUST, 2023)
(REVISED OCTOBER, 2023)

Prepared By



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Engineering Registration No. F-1156
Surveying Registration No. 100291-0



**SPRING BRANCH TRANSFER STATION
TRANSFER STATION APPLICATION - PART I**

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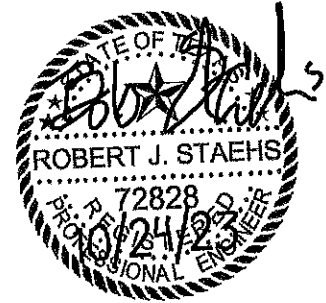
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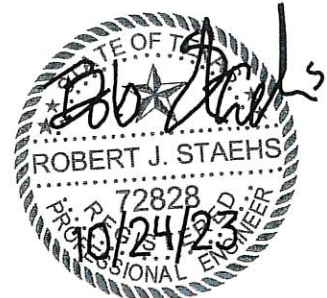
SUPPLEMENTARY TECHNICAL REPORT

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Under normal operating conditions, solid waste should be hauled to the landfill at least once per day. In no event will the solid waste be stored in the trailer at the transfer station longer than 72 hours for municipal solid waste (all landfills in the area are closed on Sundays and on select holidays, so the 72 hours would be required for those situations where a holiday also fell on a Monday).

~~The facility also intends to develop a future C&D roll-off recycling area at the facility, when that area is in place, C&D materials will be stored on site for no longer than 7 days. The C&D roll-off recycling area will consist of an enclosed building and qualified containers will be provided as needed to be consistent with the requirements of 30 TAC §330.245 and §330.209.~~

At no time will the amount of stored waste exceed the ultimate capacity of the facility.

- 2. TYPE OF WASTE ACCEPTED** - The transfer station will accept municipal household and commercial solid wastes and construction debris. The physical, chemical, thermal, organic, bacteriological, and radiological properties of the incoming waste is expected to fall within normal parameters for municipal household and commercial solid waste and construction debris.

A portion of the Transfer Station building will be set aside and designated as a sludge storage area. Treated and de-watered municipal sewage sludge from local wastewater treatment plants will be stored there in its own bin, separate from the rest of the solid waste at the facility. Under normal operating conditions, the sludge will not be stored at the facility for more than 72 hours.

- 3. PROHIBITED WASTES** - The transfer station will only accept household and commercial solid waste, and construction debris. This waste will not contain special wastes. No hazardous wastes will be accepted. The facility supervisor will accept no wastes that he or she is unsure of. The solid wastes accepted at the facility shall not contain and the transfer station will not accept the following:

- Large Items - Items that will not fit in the box will not be accepted.
- Containers containing liquids will not be accepted.
- Empty or Full Containers that are marked with a skull and cross bones, marked Hazardous, or labeled as a chemical container will not be accepted.
- Dead animals (or live animals) will not be accepted.
- Industrial wastes will not be accepted, except with a manifest and without the specific approval of the site owner.
- No hazardous waste will be accepted.
- No liquids or sludge will be accepted (other than the treated de-watered municipal sewage sludge listed above).
- No ashes will be accepted without a manifest and without the specific approval of the site owner.
- No medical wastes will be accepted.
- No gasoline or diesel fuel will be accepted.
- No chemical wastes will be accepted.
- No whole used or scrap tires.
- Special Wastes - This facility will not accept special wastes as defined in 30 TAC §330.3(148).
- Batteries - This facility will not accept lead acid storage batteries

area; incoming trucks with empty trailers will park them in the transfer trailer parking area and hook up to the full one. The full trailers will be taken to a TCEQ approved landfill where the solid waste will be deposited for final disposal. Note that the transfer trailer parking area is separate structure from the transfer station building.

The transfer building will be partially enclosed to protect it from rainfall and also equipped with floor drains to accommodate wash water. All working areas will be well ventilated due to the fact that the transfer building will not be a fully enclosed structure. The facility will restrict additional solid waste receipt if a significant work stoppage should occur due to a mechanical breakdown or other causes. Under such circumstances, incoming solid waste will be diverted to an approved backup storage, processing, or disposal facility. If the work stoppage is anticipated to last long enough to create objectionable odors, insect breeding, or harborage of vectors, steps will be taken to remove the accumulated solid waste from the facility to an approved backup storage, processing, or disposal facility within 24 hours.

The working floor and dock area are designed to facilitate proper cleaning. The walls and floors in the operating areas are constructed of hard-surfaced materials that can be hosed down and scrubbed as needed. These areas are protected from rain by a covering roof and the surrounding external areas will be graded to direct runoff away from the facility. The working floors will be gently sloped so as to direct wash-water to drains that will collect this wash-water (and any other contaminated water) from which point it will be pumped to an above ground storage tank near the southwest corner of the transfer building. This holding tank will be emptied on an as-needed basis and hauled to a TCEQ approved facility for treatment and final disposal.

3. **SPILL CONTROL** - The storage and processing areas of the transfer station will be designed to control and contain spills and contaminated water and prevent it from leaving the facility. The site will also be graded to protect the transfer station from external storm water runoff. The proposed facility will be equipped with multiple portable restrooms for the use of staff and visitors. Wash-water and any other contaminated water from the proposed working floor and dock area will be directed to drains thence pumped to the proposed above ground storage tank. This storage tank will be emptied by vacuum truck on an as-needed basis and its contents transported to a TCEQ approved treatment facility for final disposal. The proposed holding tank will be completed prior to commencement of transfer station operations. The facility will be designed to control and contain a worst case spill or release. No contaminated water will be allowed to pond on the surface or run off as surface drainage. All liquids resulting from the operation of the transfer station will be disposed of in a manner that will not cause surface water or groundwater pollution. Drainage patterns will be minimally affected by this project, so no TPDES permit is required. The transfer station site is located outside of the 100-Year floodplain of Cypress Creek.
4. **ADDITIONAL PERMITTING** - All regulations pertaining to development in the Edwards Aquifer Contributing Zone will be complied with prior to construction of the facility, ~~and any additional permits or approvals will be obtained after TCEQ approves the solid waste permit for the facility.~~ **On September 19, 2023, TCEQ's Edwards Aquifer Protection Program indicated that this proposed facility is subject to that program's regulation. To that end, Hill Country Waste Solutions, Inc. has retained the services of TX2 Engineering to obtain the needed authorizations from the TCEQ's Edwards Aquifer Protection Program.**

Since the disturbed area at the project site will be less than 5 acres in size, all the requirements of the nationwide general permit will be complied with for storm water and a Storm Water Pollution Prevention Plan and any additional notifications will be completed after the TCEQ approves the solid waste permit for the site and prior to construction of the facility..

If any air permits are required for the facility, it will fall under the criteria for Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations (Title 30, Chapter 330, Subchapter U).

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PART II

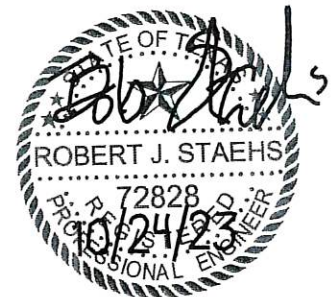
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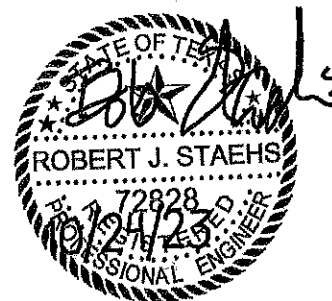
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PROJECTED MAXIMUM AMOUNTS OF SOLID WASTE OVER THE NEXT FIVE YEARS		
Year	Maximum Daily Rate	Maximum Annual Rate
Present	104.0 tons/day	37,960.0 tons/year
2024*	127.9 tons/day	46,683.2 tons/year
2025*	157.3 tons/day	57,411.0 tons/year
2026*	193.4 tons/day	70,604.1 tons/year
2027*	237.9 tons/day	86,828.9 tons/year
2028*	292.6 tons/day	106,782.1 tons/year

* Please note that these projections are based on assumed growth rate of 22.98 % as projected by Hill Country Waste Solutions LLC.

If that growth were to continue at that rate indefinitely, then the maximum **capacity daily limit of waste acceptance** of the facility would be reached in the Year 2036. However, Hill Country Waste Solutions LLC further anticipates that this high rate of growth will not be maintained indefinitely and will actually reduce in magnitude after the Year 2028. Therefore, the facility is not expected to reach its maximum permitted rate for several decades.

- **Maximum Amount of Solid Waste to be Stored at the Facility** - It is requested that the facility be permitted for a daily maximum limit of waste acceptance of 1,500 tons per day.

Each transfer trailer will be filled and dispatched to a TCEQ approved landfill as rapidly as possible. In the event that the trailer is not able to be dispatched immediately, then it will be tarped and staged in the transfer trailer parking area (which is separate from the transfer station building) and staged until transport becomes to the landfill becomes available. **Only leak-free transfer trailers will be used.** Under normal operating conditions, solid waste should be hauled to the landfill at least once per day. In no event will municipal solid waste be stored at the transfer station longer than 72 hours per week. All of the landfills in the area are closed on Sundays and on select holidays. The 72 hours of storage would allow for those times when the landfills are closed on Sunday with a holiday on the following Monday. Under normal circumstances the longest time that municipal solid waste would be stored on-site would typically be from Friday afternoon to Monday morning (around 60 hours). At no time will the amount of stored waste exceed 900 tons per day.

The transfer station building, transfer trailer parking area, and other identified storage areas will have sufficient space (lateral and vertical) to safely store the specified amount of wastes. At no time will more than 900 tons of solid waste be stored at the facility. The transfer trailer parking area is sized large enough to park 12 transfer trailers; at 26 tons per trailer, this equates to storage area for approximately 312 tons of solid waste. The remaining 588 tons of solid waste would be stored in the transfer building; assuming 800 lbs per cubic yard of compacted solid waste, this would occupy approximately 1,470 cubic yards of space which is provided within the transfer station building.

~~Similarly, it is also proposed that the facility accept C&D materials in the future. When the C&D recycling and storage area becomes operational, those materials will be stored on-site for a maximum of 7 days. The C&D roll off recycling area will consist of an enclosed building and qualified containers will be provided as needed to be consistent with the requirements of 30 TAC §330.245 and §330.209.~~

- Batteries - This facility will not accept lead acid storage batteries
- Chlorinated Fluorocarbons - Items containing chlorinated fluorocarbons (CFC's), such as refrigerators, freezers, and air conditioners, will not be accepted.
- Regulated Asbestos Containing Materials (RACM's) will not be accepted at this facility.
- Polychlorinated Biphenyls (PCBs) wastes, as defined under 40 Code of Federal Regulations, Part 761.

2.1.5 WASTE RECOVERY [30 TAC §330.61(b)(1)(A)] - The roll-off spots at the facility are for brush and metal recycling. ~~A portion of the site is slated for future development as a C&D roll-off and recycling area.~~ No scavenging will be allowed at the facility.

2.2 REGISTRATION QUALIFICATIONS [30 TAC §330.61(b)(2)] - Not applicable. The facility will not comply with 30 TAC §330.9(c)(3) because it will transfer more than 125 tons of waste per day. A permit is being sought for this facility.

SECTION 5: GENERAL TOPOGRAPHIC MAP [30 TAC §330.61(e)]

Attachment II-D shows relevant portions of the 7.5 minute USGS map of the *Spring Branch, Texas* Quadrangle as required by 30 TAC §330.61(e). The boundaries of the Spring Branch Transfer Station are clearly overlaid onto this map. The exhibit is provided at a scale of one inch equals 2,000 feet and with 20 foot contour intervals. The map shows the surrounding area in over a mile radius from the project site. In addition, Attachment II-C contains the Site Grading Plan for the facility on a smaller scale. The contours therein are at 1 foot intervals. That figure shows more detail of the site and clearly identifies the transfer station building, office/scale-house, transfer trailer parking area, scale, access drive, and appurtenances. Note that the transfer trailer parking area is separate from the transfer station building **and that only leak-free trailers will be used.** ~~The proposed locations of the future scale and C&D roll-off recycling area are also indicated.~~

SECTION 9: TRANSPORTATION [30 TAC §330.61(i)]

The following sections provide information regarding roadways within a mile of the facility:

- 9.1 AVAILABILITY AND ADEQUACY OF ROADS [30 TAC §330.61(i)(1)]** - The facility will be accessed from the southbound lane of U.S. Highway 281, which runs parallel and immediately adjacent to the eastern boundary line of the project site. The roadway consists of two asphalt paved lanes with shoulders.
- 9.2 VOLUME OF VEHICULAR TRAFFIC [30 TAC §330.61(i)(2) and (3)]** - It is requested that this transfer station be permitted for a daily maximum limit of waste acceptance of 1,500 tons per day. However, it should be noted that that maximum rate is not expected to be reached in the near future. Hill Country Waste Solutions LLC is expected to average 300 tons per day by the Year 2028, with the peak permitted **capacity daily maximum limit of waste acceptance** of 1,500 tons per day not being reached for several decades.

The following sections estimate the amount of vehicular traffic associated with the facility on roadways within a mile of the transfer station at the anticipated Year 2028 acceptance rate of 300 tons per day and at the ultimate peak **capacity daily maximum limit of waste acceptance** of 1,500 tons per day:

- 9.2.1 EXISTING TRAFFIC DATA** - The Texas Department of Transportation's (TxDOT) Traffic Count Database System (TCDS) was consulted for travel data for Highway 281 near the site. The TCDS shows annual average daily traffic (AADT) on TxDOT maintained roads, county roads and city streets that were collected for the listed reporting year. The nearest location for which a count was available was near the intersection of Highway 281 and Spring Branch Road, which is located approximately 1.2 miles south of the project site. The following table summarizes a decade of daily traffic data for Highway 281:

ANNUAL AVERAGE DAILY TRAFFIC (AADT) ON HIGHWAY 281 NEAR SITE			
Year	Annual Average Daily Traffic (AADT)		
	Two Way	North Bound Lane	South Bound Lane
2021	27,067	12,887	14,180
2020	19,445	9,451	9,994
2019	21,846	10,844	11,002
2018	19,626	---	---
2017	18,912	9,690	9,221
2016	17,729	8,863	8,867
2015	16,658	8,174	8,485
2014	16,689	---	---
2013	15,315	---	---
2012	17,800	---	---

As noted above, the average traffic on Highway 281 has steadily increased over the past decade. Access to the site will be from the south bound lane of Highway 281. For the sake of comparison, it is assumed that the current traffic on that section of highway at the project site sees 14,180 vehicles per day.

deliver it to the landfill for final disposal with a legal carrying capacity of 26 tons, then this would equate to 11.5 trips (rounded up to 12).

As noted above, it is anticipated that employees personal vehicles will account for 3 trips per day and that the public accessing the facility will account for 15 vehicles per day.

The following table summarizes the maximum volume of vehicles expected for the facility when it is operating at 300 tons per day:

Estimated Volume of Vehicles per Day to the Facility at 300 tons/day (Circa 2028)	
Residential Collection Trucks	22 vehicles
Commercial Collection Trucks	10 vehicles
Transfer of Rental Boxes	7 vehicles
Transfer Trucks	12 vehicles
Personal Vehicles of Facility Staff	3 vehicles
Public Vehicles	15 vehicles
Total Number of Hill Country Waste Solutions, LLC Vehicles	69 vehicles

Access to the transfer station will be via the south bound lane of Highway 281. Assuming the average daily traffic on the south bound lane is 14,180 vehicles per day (the 2021 AADT), then the estimated 69 vehicles associated with this project would equate to only 0.5% of the traffic on that roadway. Similarly, assuming that the two way AADT (for both north and south bound lanes) is 27,067 vehicles per day (the 2021 AADT), then the 69 vehicles associated with this project would account only 0.2% of that total. As such, the operation of the Spring Branch Transfer Station is not expected to significantly increase the volume of traffic flow on Highway 281.

F. ESTIMATED NUMBER OF TRIPS AT MAXIMUM PERMITTED ACCEPTANCE RATE (1,500 TONS/DAY) - The facility is not expected to reach its daily maximum limit of waste acceptance of 1,500 tons per day for several decades. However, at that **capacity daily maximum limit of waste acceptance** and assuming 50.1% of the waste at the facility is from residential collection, then approximately 751.5 tons would be collected by residential collection trucks. Since the residential collection trucks can transport approximately 7 tons each, this would require 107.4 trips (rounded 107).

Similarly, assuming that 32.0% of the waste received at the facility is commercial, then this would equate to 480.0 tons collected by the commercial collection trucks. Since the commercial collection trucks can transport 10 tons, then this would equate to 48 trips.

Hill Country Waste Solutions LLC also rents out 20, 30, and 40 cubic yard roll-off boxes. Assuming that 17.9% of the waste received at this facility will be from that source, then this would equate to 268.5 tons per day when the facility is operating at full **capacity daily maximum limit of waste acceptance**. Assuming an average of 7.5 tons per box, then this would equate to 35.8 trips (rounded up to 36).

Assuming that the transfer trucks remove 1,500 tons per day from the transfer station and deliver it to the landfill for final disposal with a legal carrying capacity of 26 tons, then this would equate to 57.7 trips (rounded up to 58).

As noted above, it is anticipated that employees personal vehicles will account for 3 trips per day and that the public accessing the facility will account for 15 vehicles per day.

The following table summarizes the maximum volume of vehicles expected for the facility when it is operating at 1,500 tons per day:

SPRING BRANCH TRANSFER STATION

MSW PERMIT No. 2419
HILL COUNTRY WASTE SOLUTIONS LLC (OPERATOR)
SPRING BRANCH, COMAL COUNTY, TEXAS

PART III: SITE DEVELOPMENT PLAN

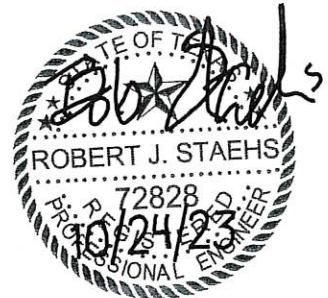
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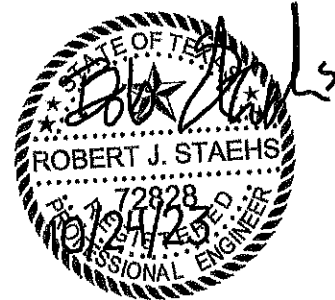


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**SPRING BRANCH TRANSFER STATION APPLICATION
PART III**

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SECTION 3: WASTE MANAGEMENT UNIT DESIGN [30 TAC §330.63(d)]

3.1 STORAGE AND TRANSFER UNITS [30 TAC §330.63(d)(1)] - The following sections provide a brief description of the storage and transfer units at the Spring Branch Transfer Station:

3.1.1 DETENTION OF SOLID WASTE [30 TAC §330.63(d)(1)(A)] - The facility will be designed for the rapid processing and minimum detention of solid waste at the facility. The design capacity of the transfer station will not be exceeded during operation. Solid waste accumulated at the facility will be processed within such time as will preclude the creation of odors, insect breeding, or harborage of other vectors. If such accumulations occur, additional solid waste will not be received until the adverse conditions are abated. In no event will solid waste be stored at the transfer station longer than 72 hours prior to transport off-site. Solid waste will be dispatched to an approved landfill as rapidly as possible.

3.1.2 SPILL CONTROL [30 TAC §330.63(d)(1)(B)] - Walking floor trailers will be utilized at the facility to transfer waste from the transfer building to an approved landfill for final disposal. Each walking floor trailer will be of the 130 cubic yard variety with a legal carrying capacity of 26 tons. This will require approximately 58 trailer loads per day at the maximum limit of waste acceptance of 1,500 tons of municipal waste. These trailers will be driven down the ramp to the loading area on the south side of the transfer building where waste will be loaded onto them from the working floor. When full, the trailers will be covered and removed from the loading area and either driven directly to the receiving landfill or staged for transport in the transfer trailer parking area. Note that the transfer trailer parking area is separate from the transfer station building.

The transfer station is designed to collect all contaminated water and direct it to the above-ground holding tank. A drain will be provided to direct facility wash water or any other contaminated water to the holding tank. The holding tank has been designed to control and contain a worst case spill or release. No contaminated water will be allowed to pond on the surface or run off as surface drainage. All liquids resulting from the operation of the transfer station will be directed to the holding tank which will be emptied on an as-needed basis and the contents hauled to an approved treatment facility where it will be disposed of in a manner that will not cause surface water or groundwater pollution. The holding tank will be monitored daily to ensure that no overflows or other discharges occur. The holding tank will also be equipped with a concrete berm to provide secondary containment should the integrity of the holding tank ever become compromised. The berm will be sized to provide sufficient volume to contain a worst-case spill or release from the holding tank. In the unlikely event that a breach of both the tank and the berm occurs, then the unit will be repaired or replaced and all affected areas will be remediated by removing contaminated soil and transporting it to a TCEQ approved facility for disposal and then replacing it with clean backfill.

3.1.3 MAXIMUM ALLOWABLE STORAGE TIME[30 TAC §330.63(d)(1)(c)] - In no event will municipal solid waste be stored at the transfer station longer than 72 hours prior to transport off-site.

It is anticipated that under normal circumstances the treated and de-watered municipal sewage sludge will be stored on-site for no longer than 72 hours.

~~C&D waste storage will be stored separately in the transfer building and under normal circumstances will be stored on site for no more than seven days within the transfer building. The C&D waste will be kept separate from putrescible municipal solid waste.~~

3.2 INCINERATION UNITS [30 TAC §330.63(d)(2)] - This item is not applicable for this facility. This solid waste transfer station will not be equipped with an incinerator.

3.3 SURFACE IMPOUNDMENTS [30 TAC §330.63(d)(3)] - This item is not applicable for this facility. This

for this item is estimated as follows:

- Volume of Wash Water to Disinfect Buildings and Equipment. 14,400 gallons
- Volume of Wash Water to Disinfect Holding Tank 375 gallons
- Total Volume Estimated for Washing and Disinfection 14,775 gallons

9.1.4 DISPOSITION OF BUILDINGS, PAVEMENT, AND APPURTENANCES - This closure estimate assumes partial dismantling of the facility in that the scales and any waste handling equipment will be dismantled and removed. However, all buildings and gravel are assumed to remain in place after closure. In other words, no demolition costs are assumed for the structures at the facility. The security fencing will be left in place and after closer the gates to the facility will be locked to prevent access to the site.

9.1.5 FUTURE IMPROVEMENTS - ~~A C&D roll-off recycling area and~~ An additional scale ~~is are~~ anticipated to be constructed at the site at some future date but no plans ~~for those facilities~~ have been finalized yet. This closure cost estimate will be updated to reflect the addition of ~~that item those facilities~~ in the future when their plans have been finalized and approved by TCEQ prior to their construction.

9.2 COST ESTIMATE FOR CLOSURE - The following table provides a cost estimate for the items listed above based on the costs of hiring a third party that is not affiliated with the owner or operator:

CLOSURE COST ESTIMATE*					
Description		Quantity	Unit	Unit Cost	Total
Solid Waste Removal	Total cost of transporting the Maximum Permitted Quantity of Solid Waste from the facility to a TCEQ approved landfill by a Third Party (includes labor and landfill disposal fee)	1,500	tons	\$30	\$45,000
Disinfection and Decontamination of Buildings and Equipment	Total cost of transporting contaminated water from the above-ground holding tank	1,500	gallons	\$0.30	\$450
	Total cost of transporting wash water from the facility to a TCEQ approved facility for treatment and final disposal	14,775	gallons	\$0.30	\$4,433
	Labor required to disinfect and wash buildings and equipment at the facility	24	hours	\$40	\$960
Dismantling or Removal of Waste Equipment	Removal of scales	1	lump sum	\$2,000	\$2,000
	Removal of all storage bins	1	lump sum	\$2,000	\$2,000
Signage	Installation of a sign stating that the facility is closed	1	lump sum	\$100	\$100
Locks	Install padlocks for all access gates and buildings	1	lump sum	\$20	\$20

SPRING BRANCH TRANSFER STATION

MSW PERMIT No. 2419
HILL COUNTRY WASTE SOLUTIONS LLC (OPERATOR)
SPRING BRANCH, COMAL COUNTY, TEXAS

PART IV: SITE OPERATING PLAN

MAY, 2023
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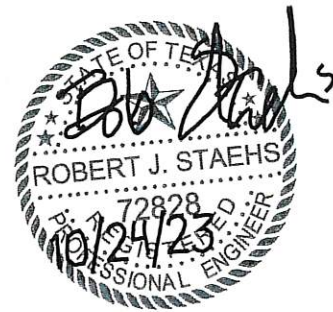


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WASTE ACCEPTANCE AND ANALYSIS [30 TAC §330.203]

- 4.1 AUTHORIZED WASTES** - The wastes that can be accepted at this site are municipal household and commercial solid wastes, and construction debris generated by residents of Comal County and surrounding counties or municipalities.

Also, a portion of the Transfer Station building will be set aside and designated as a sludge storage area. Treated and de-watered municipal sewage sludge from local wastewater treatment plants will be stored there in its own covered bins, separate from the rest of the solid waste at the facility. These bins will be constructed of stackable concrete blocks. The modular nature of the concrete blocks allows for the bins to be disassembled and relocated within the transfer station building if needed. When full, the contents of the container will be loaded into an end dump trailer with sealed rear tailgate and then will be transported to a TCEQ permitted beneficial use site for disposal. **Note that Hill Country Waste Solutions, Inc. is a registered sludge transporter (Sludge Transporter Registration No. 25980). Only Hill Country Waste Solutions, Inc. vehicles will transport sludge to and from this facility; sludge will not be accepted by other transporters. Sludge transport into and out of the transfer station will comply with the transporter registration conditions. Storage of the sludge while at the transfer station will also comply with the conditions of the transporter registration.**

No medical waste, hazardous waste, Class I waste, or electronic waste will be accepted at this facility. None of the items listed under Prohibited Wastes (Section 4.2 below) will be accepted at this facility. No constituent or characteristic of these wastes is expected to be a limiting parameter that will impact or influence the design and operation of the facility.

Hill Country Waste Solutions, LLC currently provides service to approximately 13,000 residential customers and 1,500 commercial clients. Those numbers are expected to increase significantly by the time this facility opens due to recent development and population growth in their service area. The design for this facility is based on a daily maximum limit of waste acceptance of 1,500 tons of waste per day ultimately. However, at the beginning of operations the maximum daily rate of solid waste received is expected to be less than that based on their current operations. At no time will the amount of waste accepted at this facility exceed the permitted maximum of 1,500 tons per day. This facility will not accept regulated hazardous waste. The facility supervisor will accept no waste that he or she is unsure.

The facility will be equipped with walking floor trailers. Each trailer will be filled and dispatched to an approved landfill as rapidly as possible. In the event that the trailer is not able to be dispatched immediately, then it will be tarped and the sealed trailer will be staged in the transfer trailer parking area (a parking area with road base that is separate from the transfer station building) until transport to the landfill becomes available. Under normal operating conditions, solid waste should be hauled to the landfill at least once per day. In no event will the solid waste be stored at the transfer station longer than 72 hours per week. At no time will the amount of waste stored overnight exceed 900 tons per day. At full capacity, it is anticipated that the incoming waste will be approximately 80% residential and commercial solid waste, approximately 17% roll-off waste, and approximately 3% sludge; these relative percentages are also applicable to the division of wastes stored on-site. At full capacity with a permitted daily waste acceptance limit of 1,500 tons, this would equate to: 1,200 tons of residential/commercial waste; 255 tons of roll-off; and 45 tons of sludge. Based on a maximum of 900 tons of waste stored overnight, this would equate to: 720 tons of residential/commercial waste; 153 tons of roll-off waste; and 27 tons of sludge. Waste that is stored on-site will be located within the transfer station building (in closed containers as required or on the working floor) or in tarped transport trailers that are staged within the transfer trailer parking area.

- 4.2 PROHIBITED WASTES** - The Spring Branch Transfer Station will only accept household and commercial solid waste, and construction debris. This waste will not contain special wastes. No hazardous wastes will be accepted. A portion of the Transfer Station Building will also be set aside as a designated area for the temporary storage of treated and de-watered municipal wastewater treatment plant sludge.

or markings; (3) Liquids; (4) 55-gallon drums; (5) 85-gallon overpack drums; (6) Powders or dusts; (7) Odors or chemical fumes; (8) Bright or unusual colored wastes; or (9) Sludges.

- Random inspections of incoming loads in accordance with the procedures described in this section.
- Maintaining records of all inspections.
- Notification of the Executive Director of any incident involving a regulated hazardous waste or a PCB waste.
- Remediation of any regulated hazardous waste or PCB waste discovered at the facility in accordance with 30 TAC §335.349.

If transfer station personnel identify any of the above indications with an incoming load, then that load will be directed to an area out of the flow of traffic, and the personnel will further assess the load. If the load is determined to contain prohibited waste or if there is any possibility that it may be prohibited waste, the load will be rejected and directed back to the generator. The supervisor will be diligent in looking for trucks bringing in waste loads from potential sources of prohibited waste such as industrial facilities, microelectronics manufacturers, electronic companies, metal plating industry, automotive and vehicle repair service companies, and dry cleaning establishments.

4.4 WASTE ANALYSIS - Walking floor trailers will be utilized at the facility to transfer waste from the transfer building to an approved landfill for final disposal. Each walking floor trailer will be of the 130 cubic yard variety with a legal carrying capacity of 26 tons. This will require approximately 58 trailer loads per day at the maximum permitted limit of 1,500 tons of municipal waste. These trailers will be driven down the ramp to the loading area on the south side of the transfer building where waste will be loaded onto them from the working floor. When full, the trailers will be covered and removed from the loading area and either driven directly to the receiving landfill or staged for transport in the transfer trailer parking area. Note that the transfer trailer parking area is separate from the transfer station building.

Only wastes that conform to the landfill's permit will be sent to the landfill. Under normal operating conditions, municipal solid waste should be hauled to the landfill at least once per day. In no event will the solid waste be stored in the box at the transfer station longer than 72 hours. All of the landfills in the area are closed on Sundays and on select holidays. The 72 hours of storage would allow for those times when the landfills are closed on Sunday with a holiday on the following Monday. Under normal circumstances the longest time that municipal solid waste would be stored on-site would typically be from Friday afternoon to Monday morning (around 60 hours). At no time will the amount of stored waste exceed the ultimate capacity of the facility.

~~Similarly, it is also proposed that the facility be equipped with a dedicated C&D roll-off recycling facility in the future. When the C&D recycling and storage area becomes operational, those materials will be stored on-site for a maximum of 7 days. The C&D roll-off recycling area will consist of an enclosed building and qualified containers will be provided as needed to be consistent with the requirements of 30 TAC §330.245 and §330.209.~~

It is anticipated that the treated and de-watered municipal sewage sludge will be stored on-site for no longer than 72 hours.

At no time will the amount of stored waste exceed the ultimate capacity of the facility.

If nuisance odors are found to be passing the facility boundary, ~~the operator will immediately take actions to abate the nuisance, which may include suspending operations until the nuisance is abated~~ ~~the operator may suspend operations until the nuisance is abated or immediately take action to abate the nuisance.~~ The facility will restrict additional solid waste receipt if a significant work stoppage should occur due to a mechanical breakdown or other causes. Under such circumstances, incoming solid waste will be diverted to an approved backup storage, processing, or disposal facility. If the work stoppage is anticipated to last long enough to create objectionable odors, insect breeding, or harborage of vectors, steps will be taken to remove the accumulated solid waste from the facility to an approved backup storage, processing, or disposal facility within 24 hours.

A secondary procedure will be put in place should the transfer station become inoperable for more than 24 hours. This procedure will consist of the collection trucks hauling their collected solid waste directly to TCEQ landfills for final disposal. This procedure will remain in operation until the transfer station is returned to operation.

Reporting of emissions events shall be made in accordance with 30 TAC §101.201 (pertaining to Emissions Event Reporting and Record Keeping Requirements) and reporting of scheduled maintenance shall be made in accordance with 30 TAC §101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Record-keeping Requirements).

23.1 VENTILATION - The transfer station will include a covered building. The health and safety of the operator and the individuals unloading at the station are not expected to be adversely impacted due to lack of proper ventilation due to the fact that the building is partially enclosed with three walls and the front end of the building equipped with roll-up doors to allow for ventilation. Portable fans will also be provided at the facility which can be utilized on an as-needed basis to assist in ventilating the facility.

23.2 AIR POLLUTION CONTROL - Air emissions from the facility will not cause or contribute to a condition of air pollution as defined in the Texas Clean Air Act. The operator will prevent nuisance odors from leaving the boundary of the facility. If nuisance odors are found to be passing the facility boundary, the operator may suspend operations until the nuisance is abated or immediately take action to abate the nuisance.

The interior transfer station road surfaces will be of flexible base (6" soil cement with 8" limestone base). Dust should not pose a problem with this all-weather surface. However, in the unlikely event that dust does become a problem at the site, water and water hoses are available to dampen the problem areas to reduce dust.

23.3 AIR POLLUTION CONTROL DEVICES - If required in the future, this facility will obtain authorization for all constructed air pollutant devices under 30 TAC Chapter 116 (relating to Control of Air Pollution by Permits for New Construction or Modifications) or 30 TAC 330 Subchapter U (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations), as applicable, from the TCEQ Air Permits Division prior to the start of construction, except as authorized in Texas Health and Safety Code, §382.004 (pertaining to Construction While Permit Application Pending).

If air pollution control devices are required at some future date, they will be cleaned and maintained as per manufacturer's recommendations and as necessary so that the equipment efficiency can be adequately maintained in accordance with 30 TAC §330.245(e).

23.4 DISCUSSION OF COMPLIANCE WITH 30 TAC §330.245(f) - 30 TAC §330.245(f)(1) through (4) (pertaining to Ventilation and Air Pollution Control) states that "the owner or operator shall employ one or more of the following measures: (1) air scrubber units for odor control; (2) on-site buffer zones for odor control...; (3) additional waste handling procedures, storage procedures, and clean-up procedures for odor control when accepting putrescible waste; or (4) alternative ventilation and odor control measures". These are addressed in more detail below:

- Air Scrubber Units - No air scrubber units are proposed for the facility at this time.

SECTION 27
SALVAGING AND SCAVENGING

27.1 SALVAGING - No salvaging is scheduled to take place at the facility. However, the roll-off slots are for brush and metal recycling. ~~Also, it is proposed that a C&D recycling facility is expected to be constructed at the facility at some future date.~~

27.2 SCAVENGING - Scavenging shall not be allowed.