

Montgomery County, Texas  
Temporary Debris Storage and Reduction Site Report

Date: January 2008

Prepared for Houston-Galveston Area Council  
Prepared by Beck Disaster Recovery, Inc.

Prepared in cooperation with and financed primarily by the  
Texas Commission on Environmental Quality



**Montgomery County, Texas  
Temporary Debris Storage and Reduction Site Report**

**Date: January 2008**

**Submitted to Houston-Galveston Area Council**

**Submitted by Beck Disaster Recovery, Inc.**

The Board of Directors of the Houston-Galveston Area Council has reviewed the Montgomery County Temporary Debris Storage and Reduction Site Technical Study and has determined that it is consistent with the regional solid waste plan, and accepts the Study to serve as a solid waste guide for the next twenty years. December 18, 2007

Montgomery County adopted the Montgomery County Temporary Debris Storage and Reduction Site Technical Study.  
December 3, 2007.

This study was prepared in cooperation with and financed primarily by the Texas Commission on Environmental Quality (TCEQ). TCEQ funding does not necessarily indicate endorsement or support of its findings and recommendations.



# Montgomery County, Texas

## Temporary Debris Storage and Reduction Site Report

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# Section 1

## EXECUTIVE SUMMARY

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Pursuant to the request of Montgomery County (County), Texas, Beck Disaster Recovery, Inc. (BDR) has completed a comprehensive survey of potential Temporary Debris Storage and Reduction Sites (TDSRS). The purpose of this survey was to identify logistically effective locations throughout the County to serve as TDSRS in the event of a major debris generating event.

Based on United States Army Corps of Engineers (USACE) Debris Estimating Model, a Category 3 Hurricane with heavy precipitation would yield roughly 3.26 million cubic yards of debris. Assuming that the debris is stacked 15 feet high at the TDSRS, the County will require approximately 224 acres throughout the County to allow for adequate ingress and egress, site traffic control, debris segregation and reduction operations.

### TDSRS Site Investigations

A four-step process was used to identify TDSRS throughout the County. First, a set of initial screening criteria was developed to identify potential sites throughout the community. The criteria used in screening the sites are described in further detail below. Secondly, BDR worked with each of the four Montgomery County Commissioners to identify fourteen (14) County or privately owned properties for consideration utilizing the screening criteria. The third step consisted of site visits to each property, on two different occasions, to further investigate the appropriateness of each site and obtain information not available in County records that would potentially preclude the use of the sites as TDSRS, including pre-existing structures, wooded lots, lack of ingress/egress, etc. The final step consisted of the recommendation of a list of sites for use as TDSRS.

Of the properties identified, BDR recommends the initial use of 11 properties that meet the selection criteria as TSDRS. These properties consist of over 220 acres of land – with sufficient cleared acreage to accommodate debris storage and reduction operations. Each primary site recommended by BDR meets acreage requirements and provides even geographic distribution and logistical coverage for staging operations across the County.

### Final Disposal Options

A similar process was utilized when identifying final disposal facilities in or near the County. First, BDR looked to identify final disposal facilities within the County (e.g. landfills, mulch pits, etc.) and recognize any limitations they possess (e.g. capacity). Once final disposal facilities were identified within the County; BDR staff worked with the Texas Commission on Environment Quality (TCEQ) to identify facilities within a 90 mile radius of the Montgomery County Seat (Conroe). These facilities

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will be utilized in the event final disposal facilities within Montgomery County can not be utilized or reach capacity after a debris generating event.

Rock Prairie Landfill was the one facility identified by BDR, which meets the necessary criteria for a final disposal facility outside the county. Please refer to Table B – 1 to view final disposal facilities information.

## Section 2

# CRITERIA FOR ELIGIBILITY

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The following criteria were used to evaluate locations as potential TDSRS:

### **County or Municipally Owned Property**

In order to eliminate potential costs associated with acquiring, leasing or operating on private property, County or municipally owned properties were considered first.

### **30 Acre Minimum**

Potential County properties were required to be a minimum of 30 acres in size to be considered. Sites less than 30 acres are generally too small to properly accommodate debris staging and reduction operations; but can be utilized if necessary.

### **Proximity to High Population Density**

The proximity of the surveyed location to neighborhoods, schools, businesses, high traffic thoroughfares and other areas of high population density were carefully evaluated. A TDSRS located near high population densities increases traffic congestion and creates logistical and safety hazards for the community, especially immediately following an event. TDSRS placement near neighborhoods, schools, businesses and high traffic thoroughfares should only be opened as a last resort when all other staging location options have been exhausted.

Given the geographic configuration of the County, at least one site and preferably two were identified in each of the four commissioner's precincts.

### **Accessibility to Municipalities within Montgomery County**

Accessibility to the larger municipalities within the County was considered. Because many of the municipalities within the County will utilize the County's contracts for debris removal and comprehensive program management, BDR focused on sites positioned to concurrently handle County and municipal debris.

### **Ingress/Egress**

Safe and adequate ingress and egress in and out of the sites along with efficient road access to routes leading to and from the sites are critical to ensure efficient operation of debris collection vehicles.

### **Reduction Method**

At each location, BDR evaluated whether incineration and grinding would be a safe and appropriate reduction method and what impact the reduction operations would have on the community and the surrounding environment.

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### **Adherence to All Local, State and Federal Rules, Regulations and Ordinances**

Local, state and federal rules, ordinances and regulations were followed, including those pertaining to environmental quality and noise control. Though some disposal regulations are lifted following a State of Emergency, it is critical that all TDSRS operations meet Occupational Safety and Health Administration (OSHA) safety requirements.

### **Texas Commission on Environmental Quality (TCEQ)**

Before a TDSRS can be permitted for use, the TCEQ must evaluate the site. TCEQ uses an evaluation sheet (see Appendix E) for use in screening each site. The sites considered by BDR were evaluated using much of the TCEQ criteria, available County data and information obtained as part of the visual site evaluation of each property. Upon final selection of the TDSRS, TCEQ will need to be notified to perform a site evaluation of each proposed location in order to obtain a preliminary TCEQ TDSRS approval. Subsequent to a disaster event invoking the use of any sites, a permit application for each location must be submitted to TCEQ Air Permits Division.

### **Texas Historical Commission**

Prior to the preparation and operation of each TDSRS site for use as a debris staging area, the County must submit a notification to the Texas Historical Commission (THC). Based on the experiences following Hurricane Rita in southeast Texas, the County must complete an official letter to THC to ensure compliance for TDSRS operation. The Montgomery County TDSRS should accompany the official letter of notification to THC.

## Section 3 RECOMMENDATIONS

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Based on the evaluation criteria, BDR recommends the properties below for use as TDSRS. Please refer to Exhibit C-1 to view the distribution of sites county-wide. BDR worked with each Commissioner to identify potential County properties with a minimum of 30 acres for utilization as primary facilities. Sites less than 30 acres have been identified as “secondary” facilities to accommodate debris staging and reduction operations if needed.

### **TDSRS 1 – Montgomery County Fair Grounds (Pct. 1)**

The 40+ acre property located north of the Montgomery Airport and just east of the Lone Star Convention Center is recommended for several reasons. Its location is ideal for debris recovered within the City of Conroe and surrounding developments (i.e. northern section of the Woodlands). The parking lot of the property can be easily converted into a TDSRS for immediate use. Ingress and egress of the site is able to handle a high volume of trucks hauling debris. The property is largely cleared and is fenced along the perimeter, allowing for grassed areas to be quickly converted for debris staging and processing. The property also has the added benefit of County ownership and thereby no associated rental fee.

One draw back to the property is the close proximity to the airport. Due to the close proximity, reduction through grinding is preferable at this site. This site could support either reduction through incineration or grinding depending on approval by TCEQ.

### **TDSRS 2 – Charles Taylor Memorial Park (Pct. 1)**

The park is located off Rogers Road northeast of the City of Willis. The property will serve as a primary facility for the City of Willis and surrounding areas within northern sections of Precinct One; and a secondary facility to the Montgomery County Fair Grounds. The park is divided into three sectors.

Sector one consists of four softball fields that are arranged in a cluster. Sector two consists of four additional softball fields (configured the same as those identified in sector one), two football fields and surrounding parking areas. Sector three consists of five acres under or near high voltage power-lines that could be ready for immediate use if needed.

The softball fields located within the park will only be utilized as a last resort during a catastrophic event. The total land area of the property is approximately 17 acres, 10 of which would be ready for immediate use. Ingress and egress is excellent and minimal preparation would be needed excluding softball fields. The proximity to residential housing developments could become an issue as noise and traffic increase during hours of operation. The property is publicly owned so there will not be a rental fee

## Section 3

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associated with its use. This site could support either reduction through incineration or grinding depending on approval by TCEQ.

The drawback to this site is that due to the proximity to residential housing, only the northern portion of the site can be used for debris reduction operations. Likewise, due to the proximity to the residential area, the best suited method of reduction is grinding.

### **TDSRS 3 – West County Memorial Park (Pct. 1)**

The approximately 10 acre park is east of highway 149 and three miles north of the Town of Montgomery. The park will serve as a possible third TDSRS that can serve Precinct One within the County. For use as a TDSRS, the park would be split into two sectors. Sector one is composed of four softball fields while sector two consists of a large parking area, basketball court and three additional softball fields. The softball fields would be utilized only as a last resort; leaving only four acres for immediate use. This particular piece of property would be ideal for utilization as a TDSRS during a small debris generating event for the Town of Montgomery. The property is publicly owned so there will not be a rental fee associated with this location. This site is suited for reduction through incineration or grinding depending on approval by TCEQ.

### **TDSRS 4 – Precinct 2 Annex – Magnolia (Pct. 2)**

The property at 38927 FM 1774 Magnolia, Texas, is a 15 acre site that can be divided into two sectors. Sector one consists of a five acre recycling area that is currently being utilized by Precinct Two - Road and Bridge Department crews. The recycling area lends itself to immediate use with very little preparation.

Sector two consists of a large parking area (with portions paved and grassed) for a horse pavilion and five softball fields. Twelve of the fifteen acres are ready for immediate use as a TDSRS, if needed. Consistent with Precinct One, it is the wish of each commissioner that the softball fields be utilized as a last resort. Ingress and egress is ideal for heavy traffic and the current layout of the site will provide for easier management during TDSRS operations. Concurrent with the other recommended TDSRS, this property is publicly owned and will not have a rental fee associated with use. A drawback to the facility is its close proximity to residential areas. This site is suited for reduction through incineration or grinding depending on approval by TCEQ.

### **TDSRS 5 – Precinct 2 Annex Lake – Magnolia (Pct. 2)**

The property at 38927 FM 1774 Magnolia, Texas, is a seven acre site that could be divided into two sectors. Sector one is a five acre tract consisting of a paved parking lot and pasture that is ready for immediate use. In order for the pasture to be utilized, the County recognizes that a 100 foot buffer would have to be established between the lake and staging area.

There are additional sports fields adjacent to the site for utilization if required. Sector two contains two full football fields and one practice field adjacent to the lake and parking lot. TDSRS 4 and 5 are both partially fenced and have excellent ingress and egress. Both are within densely populated areas of Montgomery County and could serve as secondary sites for precinct three (The Woodlands) if necessary. Consistent with TDSRS 4, this site is publicly owned and will not have an associated rental fee. Due to the sites close proximity to residential housing developments, noise and traffic could be a potential issue. This site could support either reduction through incineration or grinding depending on approval by TCEQ.

## **TDSRS 6 – Deanco Recycling (Mulch Pit) (Pct. 2)**

The potential TDSRS is located at 9802 FM 1488 Magnolia, Texas. This 100 acre piece of property is currently being utilized as a wood and green-waste recycling center. The recycling center is ideal for a TDSRS and is available for immediate use if necessary. Mr. Dean (the owner) has verbally agreed to make his site available to Montgomery County after a vegetative debris generating event. Mr. Dean indicated that 35 of the 100 acres would be initially available for establishment as a TDSRS, while the additional 65 acres would be available if needed.

The recycling center has a large grinder on site and handles a significant volume of trucks and debris on a daily basis. This particular site does not yield itself to traffic, smoke or noise issues that might be encountered in other TDSRS throughout the County. Ingress and egress may become a concern if flooding affects the site. Depending on the severity of flooding, access is usually available within 24 to 72 hours after flood waters have receded.

Deanco Recycling has been identified as a primary facility not only for Precinct Two but for all of Montgomery County due to its size and capabilities. There will be a cost associated with rent and/or tipping fees. Associated costs can be offset due to Deanco's ability to be utilized as a type 5RR final disposal facility. Commissioner Doyal, the Montgomery County Attorney and Mr. Dean are currently working on a contract for utilization. This site could support either reduction through incineration or grinding depending on approval by TCEQ.

## **TDSRS 7 – Deanco Dirt Pit (Pct. 2)**

The property is located at 9802 FM 1488 Magnolia, Texas. This piece of property is currently being utilized as a dirt pit by Dean Brothers Recycling. The 20 acre site could be split into two sectors; one would be located at the front of the property while the other would be located at the rear or west side of facility. Each sector would lend itself to immediate use if necessary.

The property is not within close proximity to residential developments, schools, etc. so noise and traffic are not a concern. Ingress and egress is excellent, which could allow this particular piece of property to serve as a secondary facility to TDSRS 6, Deanco Recycling Mulch Pit, if access is flooded. The site is capable of handling a large

volume of trucks if utilized as a TDSRS. The land is privately owned and Mr. Dean has verbally agreed to make the dirt pit available to Montgomery County if a debris generating event were to affect the County. Again, the drawback to the site is the private ownership which would be indicative of operating and leasing fees. This site could support either reduction through incineration or grinding depending on approval by TCEQ.

### **TDSRS 8 – Indigo Lake Estates (Pct. 2)**

This property is owned by Indigo Lake Estates Homeowner's Association. The 10 acre site consists of a mostly cleared field and an old baseball diamond. One dilapidated backstop remains and the northwest corner of the property would need minor clearing in order to utilize the entire area. The land can easily be adapted for use as a TDSRS and is ideal for utilization by the development itself.

Indigo Lake Estates is a very large development that could generate a substantial amount of vegetative debris during a disaster (i.e. hurricane, tornado or ice storm). The site is close to residential developments and this proximity could possibly hinder TDSRS operations. Although the site is privately owned, there should not be operating or leasing costs as the TDSRS would only be utilized for debris recovered within Indigo Lakes Estates. Also, this site could support either reduction through incineration or grinding depending on approval by TCEQ. No agreements have been discussed regarding the usage of this property at this time.

### **TDSRS 9 – Gullo Park (Pct. 3)**

This property is located at 1130 Pruitt Rd. in Spring, Texas. The 17 acre park is currently being utilized as a football field complex. The property could be ready as a TDSRS with minimal site preparation. The complex includes a five acre parking lot, four football fields and more than two acres of undeveloped land in the southeast corner of the complex. The undeveloped corner would require minimal clearing and preparation.

The complex is partially fenced and could easily be secured with minimal preparation. The site is within five miles of residential/commercial development so smoke acceptability could be an issue if debris is reduced through incineration. The park has excellent ingress/egress which enables the site to handle a large volume of trucks. Noise should not be an issue for the site during operations as it is not within close proximity to residential developments. Another benefit of the site is public ownership, enabling the site to be utilized without operating or leasing fees. As previously mentioned, since the site is within five miles of residential developments, reduction through incineration may not be viable but is ultimately dependent upon approval by TCEQ. If reduction through burning is not approved, grinding should be utilized at this TDSRS.



## TDSRS 10 – Orwall Fields (Pct. 3)

This property is located at 1130 Pruit Rd. in Spring, Texas. The 30 acre park is currently being utilized as a softball field complex. The property could be split into two sectors if utilized as a TDSRS. Sector one would consist of a five acre parking lot and property around and under high voltage power lines. The parking lot and power line property are available for immediate use.

Sector two is an undeveloped piece of property that needs minor clearing to be utilized as a TDSRS. Two of those ten acres available in sector two are currently being used as a recycling area for precinct two.

The entire complex is already partially fenced so securing the rest of the property should be achieved easily. The park is located within five miles of residential/commercial establishments so incineration may not be a viable reduction method. As with TDSRS 9, if TCEQ does not approve this site for burning, reduction through grinding should be utilized. The softball fields should only be used as part of the TDSRS when all other areas of the site have been expended. The property is publicly owned so there will not be a fee associated with this location.

## TDSRS 11 – Pagan Construction Sand Pit (Pct. 4)

This area is currently a construction/sand pit, and is available for immediate TDSRS operations if needed. The sand pit located off of Fostoria Road, and two miles north of Highway 105; is a 92 acre site that is privately owned. Mr. Pagan (property owner) has verbally agreed to make 30 of the 92 acres available to Montgomery County in the event of a debris generating event. The area is a large and open sandpit with great ingress and egress. Noise, smoke and traffic should not be a concern if this site is used as a TDSRS.

One concern while evaluating the site was the presence of surface water on the east end of the pit. The site could possibly be utilized as a final disposal facility for vegetative debris if deemed necessary. This is a privately owned piece of property, so there will be a cost associated with rent and/or tipping fees. Mr. Pagan, Commissioner Rinehart and the Montgomery County Attorney are currently working on a contract for utilization. This site could support either reduction through incineration or grinding depending on approval by TCEQ.



## Section 4

# FINAL DISPOSAL FACILITIES

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### Disposal Facility 1 – Deanco Recycling (Mulch Pit)

The potential final disposal facility is located at 9802 FM 1488 Magnolia, Texas. This 100 acre piece of property is currently being utilized as a wood and green-waste recycling center. The recycling center is ideal for a final disposal facility and is available for immediate use if necessary. Mr. Dean (the owner) has verbally agreed to make his site available to Montgomery County after a vegetative debris generating event. Mr. Dean indicated that the 100 acres would be available during a debris generating event.

The recycling center has a large grinder on site and handles a significant volume of trucks and debris on a daily basis. This particular site does not yield itself to traffic, smoke or noise issues that might be encountered in other areas throughout the County. Ingress and egress may become a concern if flooding affects the site. Depending on the severity of flooding, access is usually available within 24 to 72 hours after flood waters have receded.

There will be an estimated cost of \$3.75/cy, which is currently being negotiated with Montgomery County officials. Commissioner Doyal, the Montgomery County Attorney and Mr. Dean are currently working on a contract for utilization.

### Disposal Facility 2 – Security Landfill

The remaining primary disposal facility within Montgomery County is located at 19248 HWY. 105 Cleveland, TX. 77328. The Security Landfill is currently owned and operated by Waste Management. Security Landfill is a type 1 facility that accepts construction and demolition debris.

There will be a cost of \$20.08/ton to haul appropriate debris to the landfill. Unfortunately, Security Landfill is near capacity and does not possess the ability to accept large quantities of storm debris. Even so, landfill management thinks they will be able to manage at least one million cubic yards of debris.

### Disposal Facility 3 – Rock Prairie Road Landfill

Rock Prairie Road Landfill is located at 2700 E. Byp. College Station, TX. 77845. Rock Prairie Road facility is jointly owned by the cities of Bryan and College Station, Texas. The landfill is a type 1 facility that accepts Household Hazardous Waste (HHW) bi-annually.

There is a cost of \$25.30/ton to haul appropriate debris to the landfill. There is no minimum fee and cost can be pro-rated if deemed necessary. The landfill will not

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accept paints or solvents in large quantities. They have verbally expressed interest in accepting storm debris from Montgomery County, Texas if necessary.

## Section 5

# SITES NOT RECOMMENDED

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During the site evaluations BDR evaluated a total of fourteen sites based on recommendations from each County Commissioner. As a result of the evaluations three sites were disqualified based on TCEQ and FEMA criteria. Those reasons are explained below.

**Precinct Two:** The River Plantation site located just south of the City of Conroe in the River Plantation Development was disqualified for the following reasons:

- Proximity to residential development would hinder operations (i.e. smoke, noise, traffic);
- Lack of adequate ingress and egress; and
- Size, less than 5 acres (too small for utilization as a TDSRS).

**Precinct Four:** Both Mulch sites off Highway 242 just west of the San Jacinto River were disqualified for the following reason:

- Proximity to San Jacinto River (located within flood plain).



## Section 6

# KEY FINDINGS AND RECOMMENDATIONS

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Based on this analysis and subsequent TDSRS Assessment Report, the County may wish to pursue a series of recommendations to further enhance their level of preparedness relative to disaster debris management. Six recommendations have been developed and are presented in this section.

### **Recommendation 1: Private Property Agreement**

Given that a number of the recommended sites are not owned by the County, communication between the County and appropriate landowners should take place to arrange allowance of use. Montgomery County's Attorney will continue to work with BDR and land owners, to develop a TDSRS Private Property agreement for future use. The agreement will address all liability, cost, reimbursement and restoration issues associated with TDSRS utilization.

### **Recommendation 2: TCEQ Site Assessment**

Once recommendation 1 is completed, the Texas Commission on Environmental Quality (TCEQ) should be notified to perform site evaluations in order to obtain preliminary TDSRS approval.

A matrix of all the sites is included as Exhibit A, and designates the potential sites as primary or secondary facilities. Primary sites are those that would be activated first as they are more suitable for the reasons discussed in Section 2, Criteria for Eligibility. Secondary sites will be activated because the primary sites do not fulfill the need for a staging and processing area for recovered debris.

### **Recommendation 3: Additional Sites**

Finally, should any sites prove unavailable in the future; Montgomery County should draft a Request for Interest (RFI) to secure additional locations to serve as a TDSRS. This document could be advertised and sent out to interested Montgomery County property owners to identify additional potential areas to site a TDSRS.

### **Recommendation 4: Adoption of TDSRS Report within County Emergency Operations Plan - Annex K**

It is recommended the final TDSRS report be adopted within the Montgomery County Emergency Operations Plan (EOP) Annex K along with the current Debris Management Plan. The sites identified within the TDSRS report should be revisited

annually. Development and potential growth within the County could have an impact on the availability of current sites.

### **Recommendation 5: Incorporation of TDSRS within Future Debris Removal Bid Documents**

When requesting future Bids relating to Debris Removal, it would be advantageous for the purchasing department to include pre-determined TDSRS within the Bid Package. By doing so, the County may be able to receive a better price related to hauling, if the contractor knows exactly how far material may have to be shipped

### **Recommendation 6: TDSRS should accompany the official THC notification letter**

It is recommended that TDSRS should accompany the THC notification letter when requesting investigation of each site for cultural resources. This can and should be completed on a pre-event basis. Upon receiving the official request, THC will begin site investigations and recommendations regarding cultural resources.



# Appendix A

## RECOMMENDED POTENTIAL TDSRS

**Table A-1**  
**Recommended Potential TDSRS**

Location	Owner	Acreage	GPS	Contact Information
<b>Primary Facilities</b>				
TDSRS 1: Montgomery County Fair Grounds	Montgomery County	40+	N30.34894° W095.42836°	Mike Meador 936-856-4851 113 S. Trice St. Willis, TX 77378
TDSRS 6: Deanco Recycling Mulch Pit	Garrett Dean	35	N30.25869° W095.65844°	Garrett Dean 281-252-4651 9802 F.M. 1488 Magnolia, TX 77354
TDSRS 7: Deanco Dirt Pit	Garrett Dean	20	N30.22270° W095.61996°	Garrett Dean 281-252-4651 9802 F.M. 1488 Magnolia, TX 77354
TDSRS 9: Orwall Fields	Montgomery County	30	N30.11638° W095.46613°	Ed Chance 936-539-7816 1130 Pruitt Rd. Spring, TX 77380
TDSRS 11: Pagan Construction Sand Pit	Danny Pagan	30	N30.32574° W095.17508°	Danny Pagan 281-689-7900 N. Fostoria Conroe, TX 77385
<b>Secondary Facilities</b>				
TDSRS 2: Charles Taylor Memorial Park	Montgomery County	17	N30.43516° W095.47247°	Mike Meador 936-856-4851 113 S. Trice St. Willis, TX 77378
TDSRS 3: West County Memorial Park	Montgomery County	10	N30.42545° W095.69073°	Mike Meador 936-856-4851 113 S. Trice St. Willis, TX 77378
TDSRS 4: Precinct 2 Annex - Magnolia	Montgomery County	15	N30.191602° W095.73393°	Charlie Riley 936-539-7816 38927 F.M. 1774

## Appendix A

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Location	Owner	Acreage	GPS	Contact Information
				Magnolia, TX 77355
TDSRS 5: Precinct 2 Annex Lake – Magnolia	Montgomery County	7	N30.19496° W095.73025°	Charlie Riley 936-539-7816 38927 F.M. 1774 Magnolia, TX 77355
TDSRS 8: Indigo Lake Estates	Indigo Lake Homeowners Association	10	N30.16054° W095.77692°	Charlie Riley 936-539-7816 38927 F.M. 1774 Magnolia, TX 77355
TDSRS 9: Gullo Park	Montgomery County	17	N30.11317° W095.45523°	Ed Chance 936-539-7816 1130 Pruitt Rd. Spring, TX 77380

# Appendix B

## FINAL DISPOSAL FACILITIES

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**Table B-1**  
**Recommended Final Disposal Facilities**

Location	Owner	Miles from County Seat	Tipping Fee	Contact Information	Accepted Debris
<b>Primary Facilities</b>					
Disposal 1: Deanco Recycling Mulch Pit	Dean Brothers	17	\$3.75/ cy	Garrett Dean 281-252-4651 9802 F.M. 1488 Magnolia, TX 77354	Vegetative debris
Disposal 2: Security Landfill	Operated by Waste Management of Texas	4	\$20.08/ton	281-592-3543 19248 HWY. 105 Cleveland, TX 77328	Construction and demolition
<b>Secondary Facilities</b>					
Disposal 3: Rock Prairie Road Landfill	Jointly owned by the cities of College Station and Bryan, Texas	61	\$25.30/ton	979-764-3832 2700 E. Byp. College Station, TX 77845	Construction and demolition/HHW

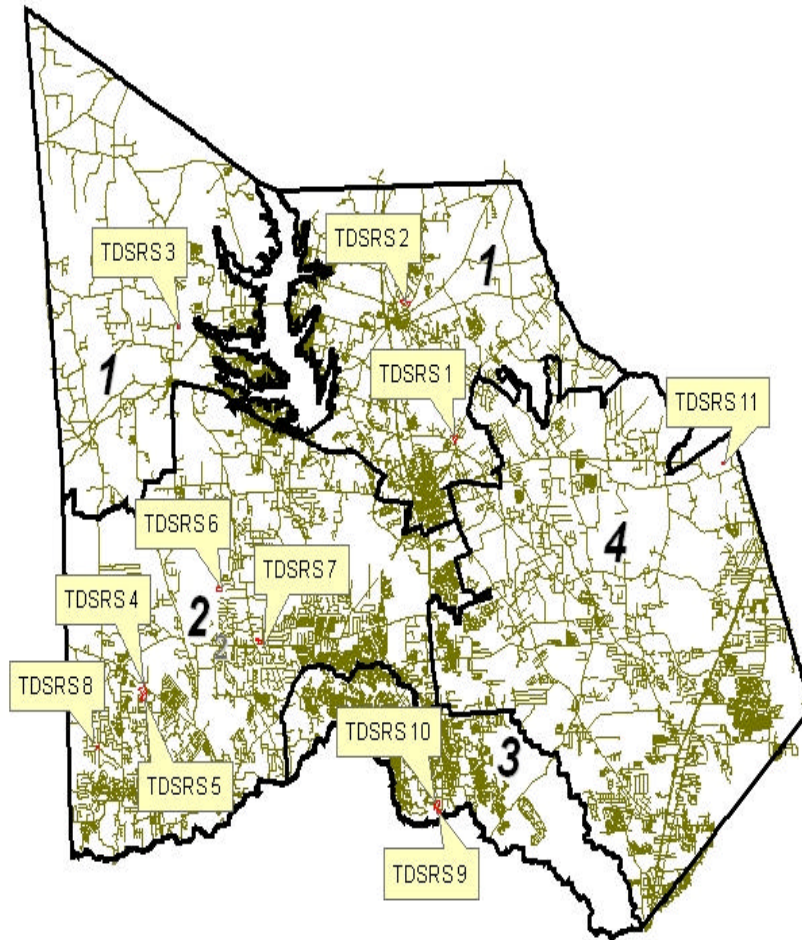


# Appendix C

## TDSRS MAPS

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Figure C-1  
County-Wide Map



TDSRS 1 - Montgomery County Fair Grounds – Investigation Form

## Investigation of Property Suitability

## TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-11-07

OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property  Other Ownership (describe)

PROPERTY NAME: Pct 2. Annex - Magnolia

PROPERTY OWNER'S NAME: Montgomery County

PROPERTY OWNER'S ADDRESS: 38927 F.M. 1774, Magnolia TX, 77355

PROPERTY OWNER'S PHONE NUMBER: 936-539-7816

PROPERTY OWNER'S EMAIL ADDRESS: -

ESTIMATED PROPERTY SIZE: 15 ACRES SITE GPS COORDINATES: N 30191602° W 095.733930°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	- Recycling Area + Softball Fields
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- W/in 1 mile
Property topography	- Flat + open
Open water sources	- No
Ground water wells	-
Access to electricity/sewer/water	- No
Soil integrity	- Good
Surface water drainage	- Good
Prevailing wind direction	- Generally out of South
Ingress/Egress	- Good
Lighted area	- Would address if needed
Site security	- Would need to establish
Buffer Distance for Noise Control	W/in 1 mile
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium \_\_\_\_\_ Low

SUITABILITY TO WET WEATHER: High  Medium \_\_\_\_\_ Low \_\_\_\_\_

ABILITY TO SERVE A SPATIAL AREA: High  Medium \_\_\_\_\_ Low \_\_\_\_\_

Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): Magaslin & Montgomery County. Possibly The Town of Montgomery if needed.

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

Open Burning \_\_\_\_\_  
Air Curtain Incineration X  
Grinding X

*Yes, the property would be split into two sectors.*

*Sec. 1 = 5-7 acres for immediate use (Recycling Area + Parking)*

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

\_\_\_\_ C&D  
X Vegetative  
\_\_\_\_ Both C&D and Vegetative  
\_\_\_\_ White Goods  
\_\_\_\_ Other (Describe \_\_\_\_\_)

*Sec. 2 = 5-7 acres Hoses + Bull Pen + Parking lots + 5 softball fields*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

06416 - 0650

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (est. 22 miles)

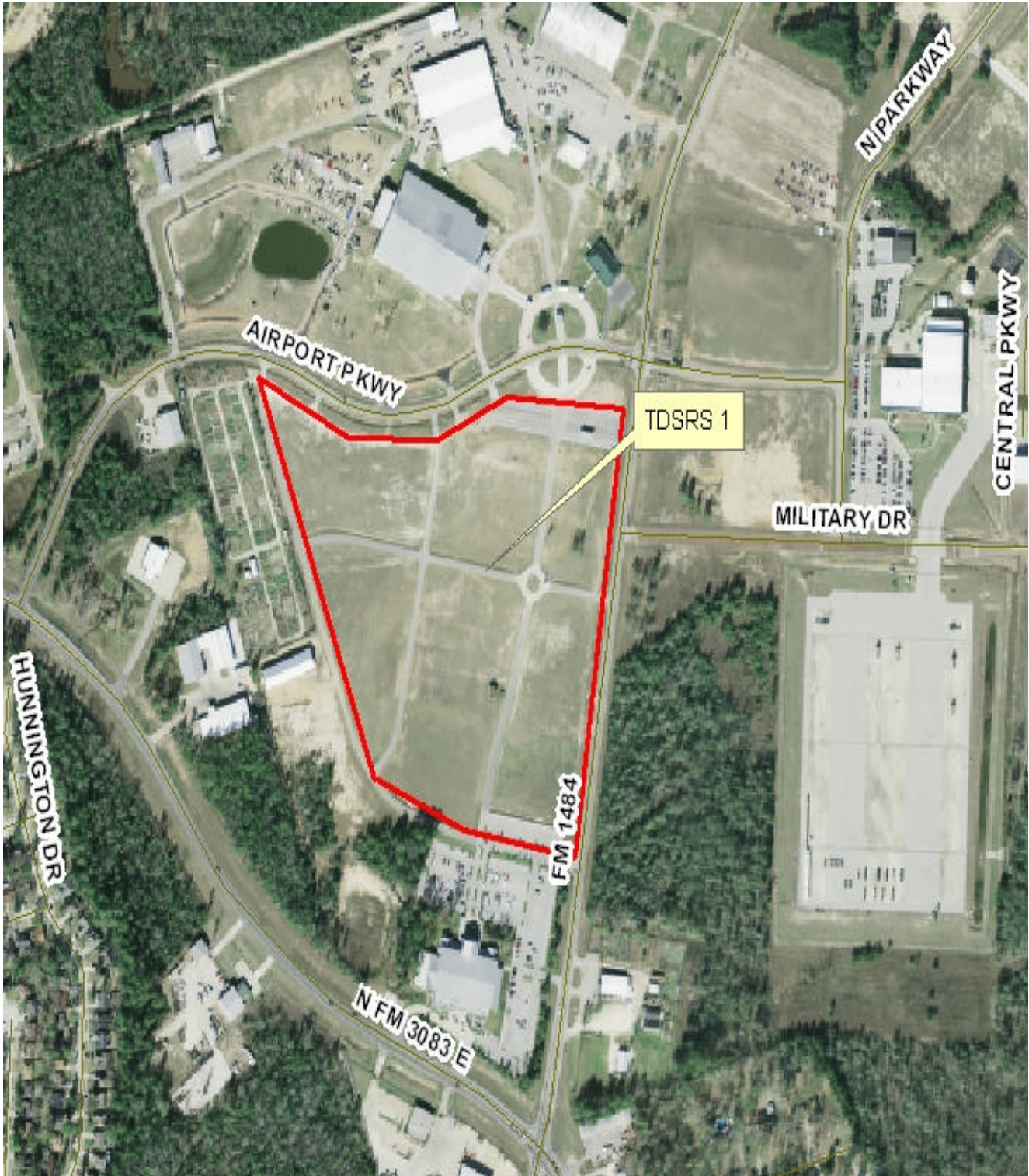
SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT. *See Pics. + MAP*



TDSRS 1 - Montgomery County Fair Grounds – Photos



TDSRS 1 - Montgomery County Fair Grounds – Site Map



TDSRS 2 - Charles Taylor Memorial Park – Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-10-07

OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property  Other Ownership (describe)

PROPERTY NAME: Charles A Taylor Memorial Park

PROPERTY OWNER'S NAME: Montgomery County

PROPERTY OWNER'S ADDRESS: Rogers Rd.

PROPERTY OWNER'S PHONE NUMBER: 936-856-4851

PROPERTY OWNER'S EMAIL ADDRESS: -

ESTIMATED PROPERTY SIZE: 17 ACRES SITE GPS COORDINATES: N 30.42545° W 095.69073°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	- Bull Fields / Park
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	w/in 3 miles
Property topography	- Mostly cleared + Flat
Open water sources	- No
Ground water wells	-
Access to electricity/sewer/water	Yes
Soil integrity	- Good
Surface water drainage	- No issue
Prevailing wind direction	- Generally out of South
Ingress/Egress	- Good
Lighted area	- Yes
Site security	- Would need to be addressed
Buffer Distance for Noise Control	- w/in 2 miles
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium X Low \_\_\_\_\_

SUITABILITY TO WET WEATHER: High X Medium \_\_\_\_\_ Low \_\_\_\_\_

ABILITY TO SERVE A SPATIAL AREA: High \_\_\_\_\_ Medium X Low \_\_\_\_\_

Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): Willis

& Northern Montgomery County

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

Open Burning \_\_\_\_\_

Air Curtain Incineration X

Grinding X

*Yes, Split into two sectors  
Sec. 1 = 4 ball fields  
Sec. 2 = N.W. of Parking lot - 4 softball  
fields, 2 football fields +  
Parking surrounding Pavilion*

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

\_\_\_\_ C&D

X Vegetative

\_\_\_\_ Both C&D and Vegetative

\_\_\_\_ White Goods

\_\_\_\_ Other (Describe \_\_\_\_\_)

*High Line - N.E. of parking lot → can  
be utilized to stage debris*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

Sec. 1 C 0636 - 0638 Sec. 2. 0640 - 41

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (est. 20 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT.

*See plan*

TDSRS 2 - Charles Taylor Memorial Park – Photos



TDSRS 2 - Charles Taylor Memorial Park – Site Map



TDSRS 3 - West County Memorial Park – Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-10-07  
 OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property   
 Other Ownership (describe)  \_\_\_\_\_  
 PROPERTY NAME: West County Memorial Park (Pt. 1)  
 PROPERTY OWNER'S NAME: Montgomery County  
 PROPERTY OWNER'S ADDRESS: 113 S. Trice St. Willis, TX 77378  
 PROPERTY OWNER'S PHONE NUMBER: 936-856-4851  
 PROPERTY OWNER'S EMAIL ADDRESS: \_\_\_\_\_  
 ESTIMATED PROPERTY SIZE: 10 ACRES      SITE GPS COORDINATES: N 30.42595° W 095.690730°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	Park / Softball Field Complex
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- W/in 5 miles
Property topography	- Flat mostly cleared
Open water sources	- No
Ground water wells	-
Access to electricity/sewer/water	- Yes
Soil integrity	- Good
Surface water drainage	- Good
Prevailing wind direction	- Generally out of S. during summer
Ingress/Egress	- Good
Lighted area	- Would need to address
Site security	- " " " "
Buffer Distance for Noise Control	- W/in 3 miles
Property Developed	- No
Property Adjacent to Airport/Airfield	- NO
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium X Low \_\_\_\_\_  
 SUITABILITY TO WET WEATHER: High X Medium \_\_\_\_\_ Low \_\_\_\_\_  
 ABILITY TO SERVE A SPATIAL AREA: High \_\_\_\_\_ Medium X Low \_\_\_\_\_

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): The town of Montgomery & N.W. Montgomery County.

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

Open Burning \_\_\_\_\_  
Air Curtain Incineration X  
Grinding X

*Yes, split site into two sections  
sect. - 4 softball fields, & open dirt area*

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

\_\_\_\_ C&D  
\_\_\_\_ Vegetative  
X Both C&D and Vegetative  
\_\_\_\_ White Goods  
\_\_\_\_ Other (Describe \_\_\_\_\_)

*Sec. 2 - Parking lot, Basketball court & 3 Softball fields  
Vegetative cover is right*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

0642-45

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (est 20 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT. *See pics & Maps*



TDSRS 3 - West County Memorial Park – Photos



TDSRS 3 - West County Memorial Park – Site Map



TDSRS 4 - Precinct 2 Annex – Magnolia – Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-11-07  
 OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property   
 Other Ownership (describe)  \_\_\_\_\_  
 PROPERTY NAME: Pct 2 Annex - Magnolia  
 PROPERTY OWNER'S NAME: Montgomery County  
 PROPERTY OWNER'S ADDRESS: 38927 F.M. 1774, Magnolia, TX. 77355  
 PROPERTY OWNER'S PHONE NUMBER: 936-539-7816  
 PROPERTY OWNER'S EMAIL ADDRESS: -  
 ESTIMATED PROPERTY SIZE: 15 ACRES      SITE GPS COORDINATES: N 30.191602 W 096.733930

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	- Recycling Area + Softball Fields
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- W/in 1 mile
Property topography	- Flat + open
Open water sources	- No
Ground water wells	-
Access to electricity/sewer/water	- No
Soil integrity	- Good
Surface water drainage	- Good
Prevailing wind direction	- Generally out of South
Ingress/Egress	- Good
Lighted area	- Would address if needed
Site security	- Would need to establish
Buffer Distance for Noise Control	w/in 1 mile
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium \_\_\_\_\_ Low   
 SUITABILITY TO WET WEATHER: High  Medium \_\_\_\_\_ Low \_\_\_\_\_  
 ABILITY TO SERVE A SPATIAL AREA: High  Medium \_\_\_\_\_ Low \_\_\_\_\_

Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): Magaslin +  
Montgomery County. Possibly The Town of Montgomery  
if needed.

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

Open Burning \_\_\_\_\_  
Air Curtain Incineration X  
Grinding X

*Yes, the property would be split  
into two sectors.*

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

\_\_\_\_ C&D  
X Vegetative  
\_\_\_\_ Both C&D and Vegetative  
\_\_\_\_ White Goods  
\_\_\_\_ Other (Describe \_\_\_\_\_)

*Sec. 1 = 5-7 acres for immediate  
use (Recycling Area  
& Parking)*

*Sec. 2 = 5-7 acres horses + Ball Park  
Parking lots + 5 soft ball fields*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

06416 - 0650

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

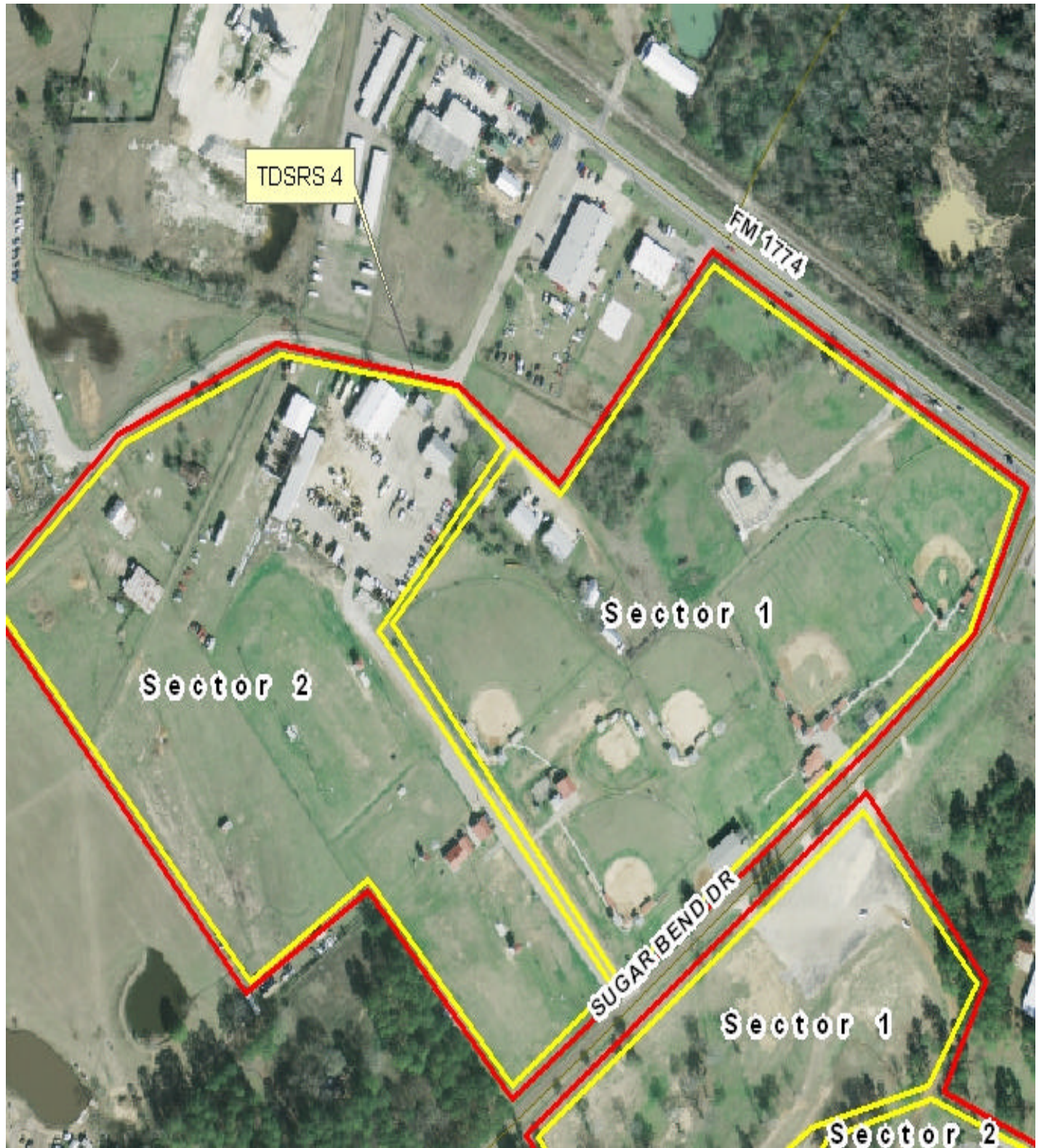
Security Landfill (est. 22 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT. *See Pics. + Map*

TDSRS 4 - Precinct 2 Annex – Magnolia – Photos



TDSRS 4 - Precinct 2 Annex – Magnolia – Site Map



## TDSRS 5 - Precinct 2 Annex Lake - Magnolia - Investigation Form

## Investigation of Property Suitability

## TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-10-07

OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property  Other Ownership (describe)

PROPERTY NAME: Annex Pct. 2 - Lake

PROPERTY OWNER'S NAME: Montgomery County

PROPERTY OWNER'S ADDRESS: 38927 F.M. 1774 Magnolia, TX. 77355

PROPERTY OWNER'S PHONE NUMBER: 936-539-7916

PROPERTY OWNER'S EMAIL ADDRESS: -

ESTIMATED PROPERTY SIZE: 7 ACRES SITE GPS COORDINATES: N 30.19496° W 095.73025°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	Parking lot + Football fields / Softball
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- W/in 2 miles
Property topography	- Open + Flat
Open water sources	- 1 pond near Parking lot
Ground water wells	- No, Lake
Access to electricity/sewer/water	- Yes
Soil integrity	- Good
Surface water drainage	- Good
Prevailing wind direction	- Generally out of S.
Ingress/Egress	- Good
Lighted area	- * Would need to be Addressed
Site security	- Partial Access
Buffer Distance for Noise Control	- W/in 1 mile
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium \_\_\_\_\_ Low X

SUITABILITY TO WET WEATHER: High X Medium \_\_\_\_\_ Low \_\_\_\_\_

ABILITY TO SERVE A SPATIAL AREA: High X Medium \_\_\_\_\_ Low \_\_\_\_\_

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): Maguolin +  
Montgomery County

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

- Open Burning \_\_\_\_\_
- Air Curtain Incineration X
- Grinding X

*yes, split the site into 2 sections.  
Sec. 1 - 5 acres for immediate use  
create 100 ft buffer around lake*

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

- C&D
- Vegetative
- Both C&D and Vegetative
- White Goods
- Other (Describe \_\_\_\_\_)

*before utilizing Pasture  
Sec 2 - Full Football Fields + 1 Practice  
Field Adjacent to Lake + Parking  
lot  
- County recognizes there will be a  
100 ft buffer between staging area +  
Lake*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY: Sec. 1 0651-55 Sec. 2 56-57

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:  
Security Landfill (est. 22 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT. See Pics. + MAP

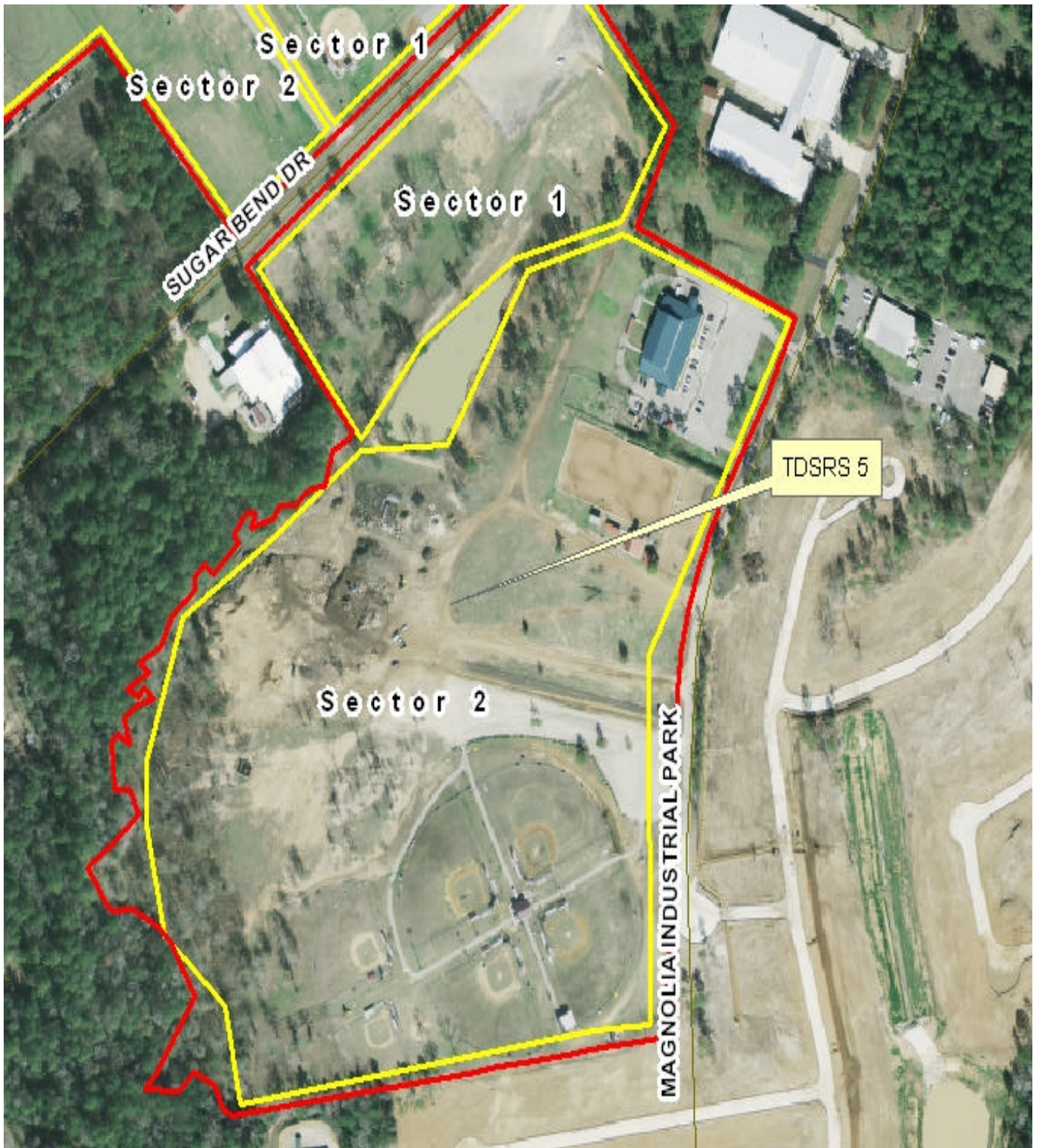




TDSRS 5 - Precinct 2 Annex Lake – Magnolia – Photos



TDSRS 5 - Precinct 2 Annex Lake – Magnolia – Site Map



TDSRS 6- Deanco Recycling (Mulch Pit) - Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-11-07

OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property   
 Other Ownership (describe)  \_\_\_\_\_

PROPERTY NAME: Deanco Recycling Facility (Mulch Pit)

PROPERTY OWNER'S NAME: Corbett Dean

PROPERTY OWNER'S ADDRESS: 9802 F.M. 1488 Magnolia, TX. 77354

PROPERTY OWNER'S PHONE NUMBER: 281-252-4651

PROPERTY OWNER'S EMAIL ADDRESS: -

ESTIMATED PROPERTY SIZE: 35 ACRES SITE GPS COORDINATES: N 30.25869° W 095.658440

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	- Mulch Pit
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- w/in 3 miles of Residential
Property topography	- Open
Open water sources	- No
Ground water wells	- No
Access to electricity/sewer/water	- Yes
Soil integrity	- Good
Surface water drainage	- Good
Prevailing wind direction	- Generally out of South
Ingress/Egress	- Good → handles large volume of trucks daily
Lighted area	- No
Site security	- Yes, would need to increase
Buffer Distance for Noise Control	- w/in 3 miles - would not be an issue
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes,

SITE PREPARATION: High \_\_\_\_\_ Medium \_\_\_\_\_ Low X

SUITABILITY TO WET WEATHER: High X Medium \_\_\_\_\_ Low \_\_\_\_\_

ABILITY TO SERVE A SPATIAL AREA: High X Medium \_\_\_\_\_ Low \_\_\_\_\_

Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): All of Parts 7  
And Montgomery County when utilized as final  
disposal facility.

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

- Open Burning \_\_\_\_\_
- Air Curtain Incineration \_\_\_\_\_
- Grinding \_\_\_\_\_

*Yes, ready for immediate use.  
Verbal agreement has been met.  
County Attorney will create &  
complete agreement.*

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

- C&D
- Vegetative
- Both C&D and Vegetative
- White Goods
- Other (Describe \_\_\_\_\_)

*- 35 acres will be available  
- Additional 70 if needed.*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

0661 - 0664

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (17 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT.

*See Pics. & Map*

TDSRS 6 - Deanco Recycling (Mulch Pit) – Photos



TDSRS 6 - Deanco Recycling (Mulch Pit) – Site Map



TDSRS 7 - Deanco Dirt Pit - Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-11-07  
 OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property   
 Other Ownership (describe)  \_\_\_\_\_  
 PROPERTY NAME: Deanco Dirt Pit  
 PROPERTY OWNER'S NAME: Garrett Dean  
 PROPERTY OWNER'S ADDRESS: 9802 F.M. 1488 Magnolia, TX. 77354  
 PROPERTY OWNER'S PHONE NUMBER: 281-252-4651  
 PROPERTY OWNER'S EMAIL ADDRESS: -  
 ESTIMATED PROPERTY SIZE: 20 ACRES SITE GPS COORDINATES: N 30.22270° W 095.61996°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	- Gravel/Dirt Pit
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- W/in 3 miles
Property topography	- Flat + open
Open water sources	- No
Ground water wells	- No
Access to electricity/sewer/water	- <del>No</del> Yes
Soil integrity	- Good
Surface water drainage	- Good
Prevailing wind direction	- Out of S. during Summer
Ingress/Egress	- Good
Lighted area	- No
Site security	- <del>No</del> Limited
Buffer Distance for Noise Control	- W/in 3 miles
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium \_\_\_\_\_ Low X  
 SUITABILITY TO WET WEATHER: High X Medium \_\_\_\_\_ Low \_\_\_\_\_  
 ABILITY TO SERVE A SPATIAL AREA: High X Medium \_\_\_\_\_ Low \_\_\_\_\_

Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): All of Pct. 2  
Jurisdictions, could possibly support Pct. 3  
Jurisdictions

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

Open Burning \_\_\_\_\_  
Air Curtain Incineration X  
Grinding X

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN: Yes, ready for immediate  
Use, Once written agreement has been  
established. Verbal agreements have  
been made.  
Split into 2 sectors.  
Sec 1 = 10 acres west of Facility  
Sec 2 = 10 " in back of Facility

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

0665 - 0668

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (17 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT.



TDSRS 7 - Deanco Dirt Pit - Photos



TDSRS 7 - Deanco Dirt Pit – Site Map



TDSRS 8 - Indigo Lake Estates – Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-10-07  
 OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property   
 Other Ownership (describe)  \_\_\_\_\_  
 PROPERTY NAME: Indigo Lake Estates  
 PROPERTY OWNER'S NAME: HOA's (Charlie Riley = Liaison)  
 PROPERTY OWNER'S ADDRESS: 38927 F.M. 1794 Magnolia, TX. 77355  
 PROPERTY OWNER'S PHONE NUMBER: 936-534-7816  
 PROPERTY OWNER'S EMAIL ADDRESS: -  
 ESTIMATED PROPERTY SIZE: 10 ACRES SITE GPS COORDINATES: N 30.6054° W 095.77692°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	Open Field, Old Ballfield
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- w/in 1/4 mile of residential
Property topography	- Flat + clear
Open water sources	- No
Ground water wells	- No
Access to electricity/sewer/water	- No
Soil integrity	- Good
Surface water drainage	- Good
Prevailing wind direction	- out of S.
Ingress/Egress	- Moderate (located w/in Residential)
Lighted area	- No
Site security	- None
Buffer Distance for Noise Control	- w/in 1/4 mile
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Low to Moderate

SITE PREPARATION: High \_\_\_\_\_ Medium \_\_\_\_\_ Low X  
 SUITABILITY TO WET WEATHER: High X Medium \_\_\_\_\_ Low \_\_\_\_\_  
 ABILITY TO SERVE A SPATIAL AREA: High \_\_\_\_\_ Medium \_\_\_\_\_ Low X

Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): Indigo Lake Estates - County will need to complete agreement w/ HOA.

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

Open Burning \_\_\_\_\_

Air Curtain Incineration \_\_\_\_\_

Grinding X

*Yes, site could be utilized as a residential drop-off site / TDSR for the*

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

\_\_\_\_ C&D

X Vegetative

\_\_\_\_ Both C&D and Vegetative

\_\_\_\_ White Goods

\_\_\_\_ Other (Describe \_\_\_\_\_)

*Development  
- Issues include proximity to residential, size, ingress/egress*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

58-60

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (est. 22 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT. *See pics + map*

TDSRS 8 - Indigo Lake Estates – Photos



TDSRS 8 - Indigo Lake Estates – Site Map



## TDSRS 9 - Gullo Park - Investigation Form

## Investigation of Property Suitability

## TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-10-07

OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property  Other Ownership (describe)

PROPERTY NAME: Gullo Park (Part 3)

PROPERTY OWNER'S NAME: Montgomery County

PROPERTY OWNER'S ADDRESS: 1130 Fruit Rd. Spring, TX. 77380

PROPERTY OWNER'S PHONE NUMBER: 936-539-7817

PROPERTY OWNER'S EMAIL ADDRESS: —

ESTIMATED PROPERTY SIZE: 17 ACRES SITE GPS COORDINATES: N 30.11317° W 095.45323°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	- Football Field Complex
Any proposed future land uses	- Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- W/in 5 miles
Property topography	- Flat w/ minimal veg. cover
Open water sources	- No
Ground water wells	- No
Access to electricity/sewer/water	- Yes
Soil integrity	- Good
Surface water drainage	- No issues
Prevailing wind direction	- Will be generally out of S.
Ingress/Egress	- Good
Lighted area	- Yes
Site security	- Partially Fenced
Buffer Distance for Noise Control	- W/in 1 mile
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium  Low \_\_\_\_\_

SUITABILITY TO WET WEATHER: High  Medium \_\_\_\_\_ Low \_\_\_\_\_

ABILITY TO SERVE A SPATIAL AREA: High \_\_\_\_\_ Medium  Low \_\_\_\_\_

Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): Oak Ridge  
North + The Woodlands (S. Montgomery County)

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

- Open Burning \_\_\_\_\_
- Air Curtain Incineration X
- Grinding X

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

- C&D
- Vegetative
- Both C&D and Vegetative
- White Goods
- Other (Describe \_\_\_\_\_)

*Yes, 12-15 acres ready for immediate use as a TDSR. Additional est. 2 acres available w/ minimal prep./clearing.*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

0635-35

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (15 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT.

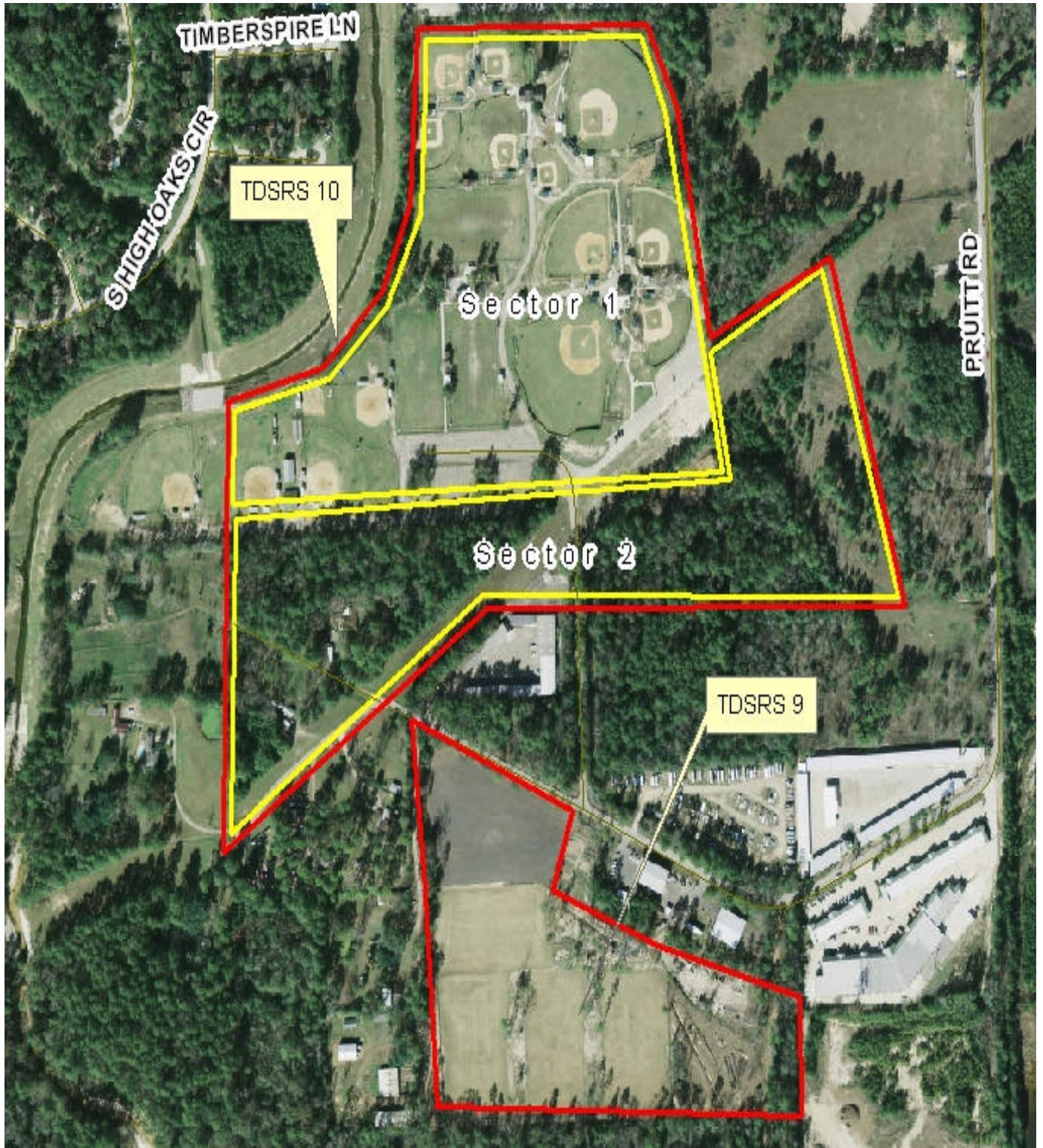
*See Pics.*



TDSRS 9 - Gullo Park - Photos



TDSRS 9 - Gullo Park - Site Map



TDSRS 10 Orwall Fields - Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-10-07  
 OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property   
 Other Ownership (describe)  \_\_\_\_\_  
 PROPERTY NAME: Oak Ridge Woodlands Ball Fields (Pt. 3)  
 PROPERTY OWNER'S NAME: Montgomery County  
 PROPERTY OWNER'S ADDRESS: 1130 Pruitt Rd. Spring, TX. 77380  
 PROPERTY OWNER'S PHONE NUMBER: 936-539-7817  
 PROPERTY OWNER'S EMAIL ADDRESS: \_\_\_\_\_  
 ESTIMATED PROPERTY SIZE: 30 ACRES SITE GPS COORDINATES: N 30.11639° W 095.46615°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	- Utilized as softball complex
Any proposed future land uses	- Continue Current
Environmental issues	- No
Proximity to Schools, Churches, Community Centers	- w/in 5 miles
Property topography	- Flat, w/ some vegetation / mostly cleared
Open water sources	- No
Ground water wells	- <del>Yes</del> No
Access to electricity/sewer/water	- Yes
Soil integrity	- Excellent
Surface water drainage	- Not An issue
Prevailing wind direction	- Out of S. during summer (generally)
Ingress/Egress	- Good
Lighted area	- Good
Site security	- Would need to be addressed
Buffer Distance for Noise Control	- w/in 1 mile
Property Developed	- No
Property Adjacent to Airport/Airfield	- No
Site able to handle large volume of trucks	- Yes

SITE PREPARATION: High \_\_\_\_\_ Medium  Low \_\_\_\_\_  
 SUITABILITY TO WET WEATHER: High  Medium \_\_\_\_\_ Low \_\_\_\_\_  
 ABILITY TO SERVE A SPATIAL AREA: High \_\_\_\_\_ Medium  Low \_\_\_\_\_



Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): Oak Ridge  
North + The Woodlands would be utilizing the  
sites. The Woodlands is unincorporated

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

Open Burning \_\_\_\_\_  
Air Curtain Incineration X  
Grinding X

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

\_\_\_\_ C&D  
X Vegetative  
\_\_\_\_ Both C&D and Vegetative  
\_\_\_\_ White Goods  
\_\_\_\_ Other (Describe \_\_\_\_\_)

*Yes, land is publicly owned  
And has the potential to serve AS A  
TDSR site for the Woodlands +  
S. Montgomery County  
Sec. 1 - 20 acres w/ no prep.  
20 acres - 10 w/ additional clearing  
10 to N. if utilize fields*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

0631-0632

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

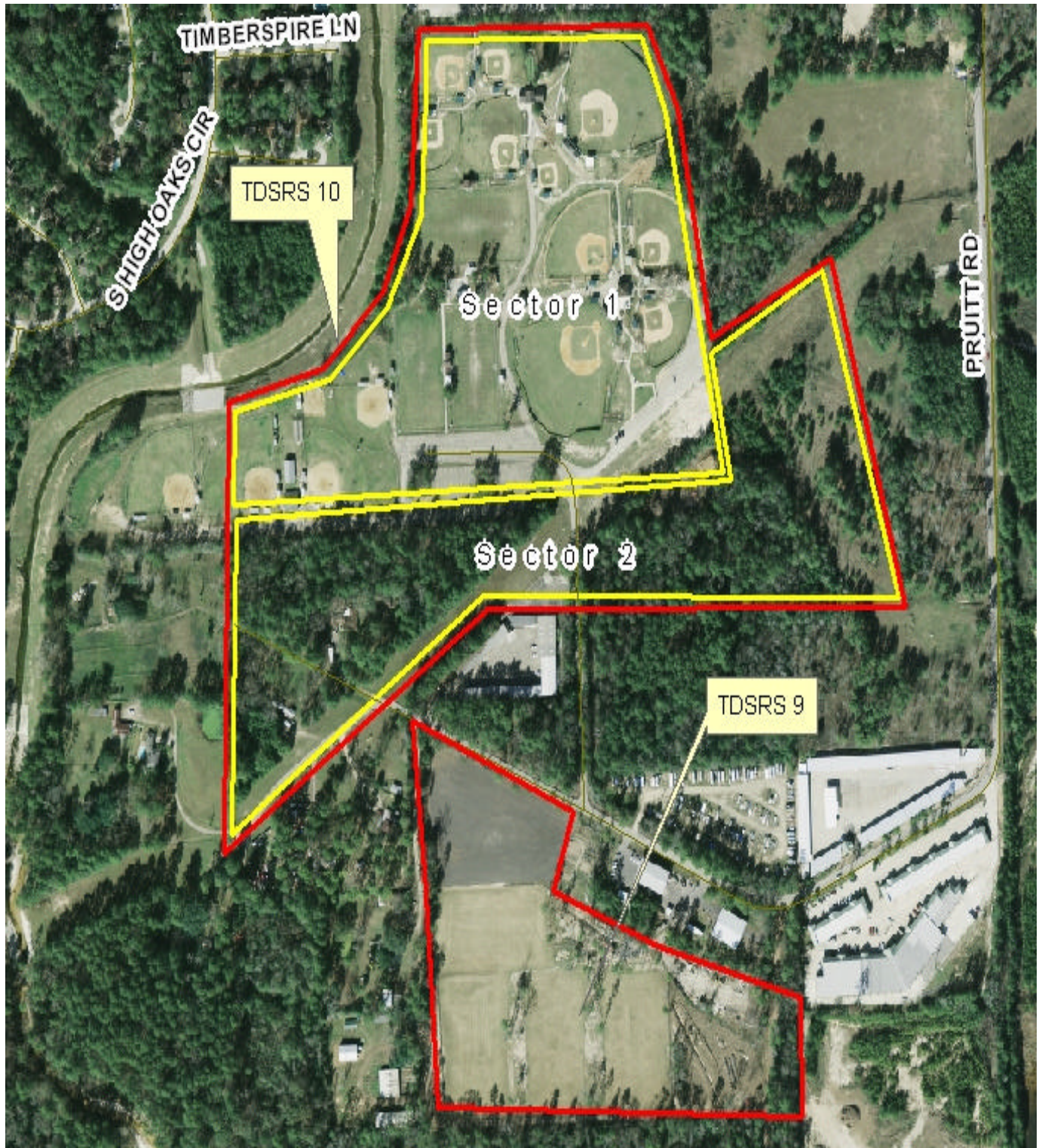
Security Landfill (15 Miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT. *See Pics.*

TDSRS 10 Orwall Fields - Photos



TDSRS 10 - Orwall Fields – Site Map



TDSRS 11 - Pagan Construction Sand Pit – Investigation Form

Investigation of Property Suitability

TEMPORARY DEBRIS STAGING AND REDUCTION (TDSR) SITE

DATE OF SITE INVESTIGATION: 4-11-07  
 OWNERSHIP OF PROPERTY (CHECK ONE): Municipal Property  County Property  Private Property   
 Other Ownership (describe)  \_\_\_\_\_  
 PROPERTY NAME: Pagan Construction Dirt Pit  
 PROPERTY OWNER'S NAME: DANNY PAGAN  
 PROPERTY OWNER'S ADDRESS: N. Fostoria Conroe, TX. 77345  
 PROPERTY OWNER'S PHONE NUMBER: 281-689-7900  
 PROPERTY OWNER'S EMAIL ADDRESS: -  
 ESTIMATED PROPERTY SIZE: 30 ACRES SITE GPS COORDINATES: N 30.32571° W 695.17580°

CHARACTERIZATION OF NEIGHBORING PROPERTIES	
EVALUATION FACTOR	COMMENTS
Property Current Land Use	<u>Sand Pit</u>
Any proposed future land uses	<u>- Current</u>
Environmental issues	<u>- No</u>
Proximity to Schools, Churches, Community Centers	<u>- Not close (no issue)</u>
Property topography	<u>- Open, Min. preparation needed</u>
Open water sources	<u>- Minor surface water present</u>
Ground water wells	<u>- No</u>
Access to electricity/sewer/water	<u>- No</u>
Soil integrity	<u>- Good</u>
Surface water drainage	<u>- Moderate</u>
Prevailing wind direction	<u>- Generally out of S.</u>
Ingress/Egress	<u>- Good</u>
Lighted area	<u>- No</u>
Site security	<u>- Minimal</u>
Buffer Distance for Noise Control	<u>- w/in 7 miles</u>
Property Developed	<u>- No</u>
Property Adjacent to Airport/Airfield	<u>- No</u>
Site able to handle large volume of trucks	<u>- Yes</u>

SITE PREPARATION: High \_\_\_\_\_ Medium \_\_\_\_\_ Low X  
 SUITABILITY TO WET WEATHER: High X Medium \_\_\_\_\_ Low \_\_\_\_\_  
 ABILITY TO SERVE A SPATIAL AREA: High X Medium \_\_\_\_\_ Low \_\_\_\_\_

# Appendix C

ACCESSIBILITY TO MUNICIPALITIES (LIST MUNICIPALITIES LIKELY TO UTILIZE SITE): All of Pct. 4 + surrounding areas. Could be utilized for Pct. 1 if needed

SITE ACCEPTABILITY FOR WHAT TYPE OF REDUCTION METHOD (CHECK APPLICABLE METHOD(S)):

- Open Burning \_\_\_\_\_
- Air Curtain Incineration
- Grinding

WILL THIS SITE BE RECOMMENDED FOR USE (YES/NO) AND EXPLAIN:

- C&D
- Vegetative
- Both C&D and Vegetative
- White Goods
- Other (Describe \_\_\_\_\_)

*Yes, ready for immediate use.*  
*- 30 acres currently available, 92 available if needed.*  
*- Verbal Agreement reached*  
*- Finalizing contract*

LIST NUMBERS OF EACH PHOTOGRAPHS TAKEN OF THE PROPERTY:

0669-71

LIST THE CLOSEST LANDFILL AND APPROXIMATE DISTANCE FROM SITE:

Security Landfill (est. 7 miles)

SITE SKETCH: IDENTIFY MAJOR FEATURES OF SITE (ROADWAYS, BARRIERS TO USE, SPATIAL AREA). IF ONLY PORTION OF PROPERTY IS SUITABLE FOR USE, PLEASE IDENTIFY WHAT AREA(S) WILL BE USED AND WHAT AREAS WILL NOT. *See pics. + map*





TDSRS 11 - Pagan Construction Sand Pit – Photos



Figure C-12  
TDSRS 11 - Pagan Construction Sand Pit – Site Map



Appendix D

**MONTGOMERY COUNTY PRIVATE PROPERTY  
AGREEMENT**

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*To be inserted by Montgomery County.*

*Awaiting Montgomery County Court Approval and Signature.*



# Appendix E

## AIR CURTAIN INCINERATORS PERMITS

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### Air Curtain Incinerators Air Permits by Rule (PBR) Checklist Title 30 Texas Administrative Code § 106.496

Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the rule number. The PBR forms, tables, checklists, and guidance documents are available from the TCEQ, Air Permits Division Web site at: [www.tceq.state.tx.us/permitting/air/nav/air\\_pbr.html](http://www.tceq.state.tx.us/permitting/air/nav/air_pbr.html).

This PBR ([§ 106.496](#)) requires registration with the commission's Office of Permitting, Remediation, and Registration in Austin before construction begins. Registration of the facility can be performed by completing [Form PI-7](#), "Registration for Permits by Rule," or [Form PI-7-CERT](#), "Certification and Registration for Permits by Rule." This checklist should accompany the registration form.

#### Definitions:

The following words and terms, when used in this section, shall have the following meanings, unless the context clearly indicates otherwise.

- A. Air curtain incinerator (ACI): An incinerator that operates by forcefully projecting a curtain of air across an open chamber or pit in which combustion occurs. Incinerators of this type may be constructed above or below ground and with or without refractory walls or floor.
- B. Clean lumber: Wood or wood products that have been cut or shaped, including wet, air-dried, and kiln-dried wood products. Clean lumber does not include wood products that have been painted, pigment-stained, or pressure-treated by compounds such as chromate, copper arsenate, pentachlorophenol, or creosote.
- C. Emergency cleanup: The removal and disposal of wastes resulting from events such as high winds, floods, and other events of nature that is necessary to protect public health and safety.
- D. Land-clearing: The removal of trees, brush, and other vegetative matter from agriculture, forest management, or land development.
- E. Municipal solid waste sites: Landfills that may burn on-site or off-site generated waste as specifically authorized by the executive director under [30 TAC § 330](#) of this title (relating to Permit Required)
- F. Noncommercial industrial sites: Locations at which on-site generated waste resulting from the processing or manufacturing of products may be burned. These industrial sites must be noncommercial, as limited by [30 TAC § 335.2\(d\)\(1\)](#) of this title (relating to Permit Required), and burn only on-site generated waste that results from the processing or manufacturing of products, and do not include sites that accept off-site generated waste for disposal or destruction.
- G. Site: One or more contiguous or adjacent properties that are under common control of the same person, or persons.

## Appendix E

CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE BLANKS		
Rule	Questions/Description	Response
<b>Applicability</b>		
(a)	Will the ACI be used only for the burning of trees, clean lumber, and brush from land clearing?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(a)	Will the material burned come from land-clearing, right-of-way maintenance, emergency clean-up operations, noncommercial industrial sites, and municipal solid waste sites?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Scope</b>		
(b)	The ACI will be located at/for (pick one):  <input type="checkbox"/> Land Clearing Site <input type="checkbox"/> Land Clearing Public Right-of-Way <input type="checkbox"/> Emergency Clean-up <input type="checkbox"/> Non-commercial Industrial Site <input type="checkbox"/> Municipal Solid Waste Site	
<b>Operational Limits</b>		
(c)(1)	Will the ACI be located at least 300 feet from the closest property line and any other facility with an air permit, or any ACI operating under PBR?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(2)(A)	Will the ACI be located at the site operate no more than 600 hours in any rolling 12-month period?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(2)(B)	Will the portable ACI be temporarily located at a site and operate up to 180 consecutive calendar days or 600 hours, whichever occurs first, and removed from the site after ceasing operation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Daily Operation</b>		
(c)(3)(A)	Will the daily burning commence no earlier than one hour after sunrise?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(3)(B)	Will the daily burning be completed on the same day, not later than one hour before sunset?  <i>Note: At the end of the burn, embers shall not be flaming or smoking, and no additional fuel shall be added to the ACI.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(3)(C)	Will material added to the ACI be below the air curtain?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(3)(D)	Will an operator remain with the ACI at all times it is operating?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(3)(E)	Will the ACI blower remain on until the end of daily burning or until enough material is consumed so that any remaining material in the trench does not flame or cause smoke that exceeds the requirements of this section when the blower is turned off?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(3)(F)	Will material not being worked and material being stockpiled to be burned at a later date be kept at least 75 feet from the trench or fire box?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(4)(A)	Will visible emissions from the ACI, stockpiles, work areas, and any in-plant roads associated with the facility leave the property for a period exceeding 30 seconds in any six-minute period as determined by United States Environmental Protection Agency <a href="#">Test Method 22</a> ?	<input type="checkbox"/> YES <input type="checkbox"/> NO

CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE BLANKS		
Rule	Question/Description	Response
Daily Operation (continued)		
(c)(4)(B)	Will best management practices be used to ensure that the ACI blower is operated in a manner to minimize smoke and ash becoming airborne?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(5)	Will the facility be operated in compliance with all requirements of this section?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(c)(6)	Upon notification by a representative of the commission or any local air pollution control program having jurisdiction that the ACI is not complying with the conditions of this section, will any additional material be added to the ACI until the facility returns to compliance?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Trench Burning		
(d)	Does this facility use a trench and air manifold fan system?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(d)(1)	At all times, will the trench be less than 12 feet wide, 35 feet long, and no less than 6 feet deep?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(d)(2)	Does the length of the trench exceed the length of the air manifold fan system?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(d)(3)	Will the walls of the trench be maintained such that they remain sufficiently vertical to maintain the air curtain?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(d)(4)	Will any ash left in the trench be completely covered with incombustible material and soil?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Firebox Burning		
(e)	Does the facility use an above-ground firebox and air manifold fan system?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(e)(1)	Are the interior dimensions of the firebox not greater than 8 feet wide, 35 feet long, and at least 6 feet deep?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(e)(2)	Will the walls of the firebox be maintained such that they remain sufficiently vertical to maintain the air curtain?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(e)(3)	Is the length of the air blower manifold equal to the length of the firebox burning area?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(e)(4)	Will the firebox be equipped with refractory walls and above-fire air supply, and will it operate no more than 750 hours in any rolling 12-month period?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Ash Processing		
(f)(1)(A)	Will all ash be removed from the ACI burning as necessary to maintain efficient combustion?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(f)(1)(B)	Will the ash be removed in such a way that ash dust is minimized during handling?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(f)(1)(C)	Will ash be completely extinguished (not smoldering) before being disposed of or placed in contact with combustible material, and stored so no fire hazard is created?	<input type="checkbox"/> YES <input type="checkbox"/> NO

# Appendix E

CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE BLANKS		
Rule	Question/Description	Response
Ash Processing		
(f)(2)	<p>Which one of the following methods will be used to dispose of the ash?</p> <p><input type="checkbox"/> Will ash be disposed of by being buried on-site in the ACI trench, be deed recorded, and will a copy of the document be provided to the executive director as required by <a href="#">30 TAC § 330</a> (relating to Deed Recordation)?</p> <p><input type="checkbox"/> Will ash be disposed of by sending it to a Type I landfill and be containerized with no hot coals?</p> <p><input type="checkbox"/> If ash is being disposed of by beneficial use, has it been determined to be acceptable by the executive director in accordance with <a href="#">30 TAC § 330</a>?</p> <p>Indicate the acceptable beneficial use:</p> <p>_____</p> <p><i>Note: If you have not determined if ash is being disposed of by an acceptable beneficial use, please call the TCEQ Air Permits Division, General/Standard/Permits by Rule (GSR) Section at 512-239-1250.</i></p>	
Other Applicable Rules and Regulations		
(g)(1)-(2)	<p>Do you understand that authorization under this section does not exempt the ACI from any local government regulations or other local government requirements, permits, registrations, or other authorizations required by local authorities, or compliance with any additional state air regulations, state waste regulations, or state water regulations?</p> <p><i>Note: It is recommended that the owner or operator of the incinerator contact the city, county, or other local government and/or the local fire marshal to determine if there are any additional requirements or burn bans in effect that may apply to the facility.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
(g)(3)	<p>For a permanent ACI, is the unit used for Commercial and Industrial Solid Waste Incineration?</p> <p><i>If "YES," commercial and industrial solid waste incinerators must address the applicability of <a href="#">40 CFR Part 60, NSPS Subpart CCCC</a>, Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced after November 30, 1999 or for Which Modification or Reconstruction is Commenced on or After June 1, 2001 (as published in the December 1, 2000 issue of the Federal Register).</i></p> <p><i>Note: Commercial and Industrial Solid Waste Incinerators must demonstrate compliance with this federal regulation, including initial stack sampling, opacity reading, reporting, and record keeping.</i></p> <p><i>If "YES," proceed to the next section.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA



CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE BLANKS		
Rule	Question/Description	Response
Other Applicable Rules and Regulations		
(g)(4)(A)	For an ACI located at a landfill site, is a separate waste authorization under <a href="#">30 TAC § 330</a> (relating to Permit Required) being obtained?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(g)(4)(A)	Will the below-ground ACI at a landfill site be located in undisturbed soil not previously excavated, built up, compacted, or used in any type of active landfill operation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(g)(4)(B)	Do you understand that compliance with all the requirements of this PBR will serve as authorization to store, process, remove, and/or dispose of the ash resulting from the operation of an ACI?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(g)(5)	Do you understand that nothing in this section removes the responsibility of the owner/operator from obtaining any necessary authorization under <a href="#">30 TAC Chapter 308</a> of this title (relating to Criteria and Standards for the National Pollutant Discharge Elimination System)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Administrative Requirements		
(h)(1)	Will multiple ACIs, or multiple locations of a single ACI, at a given site meet all design requirements, operating restrictions, and the cumulative annual hourly limitation?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(h)(2)(A)	Is this an initial registration including checklist, Core Data Form, and PI-7 Form?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(h)(2)(B)	Is this a re-registration due to a Notice of Enforcement including checklist, Core Data Form and PI-7 Form?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(h)(2)(C)	For an emergency clean-up operation only, was the Regional Notification Standard Permit/Permit by Rule Relocation Form submitted to the Regional Office and local air pollution control program?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(h)(2)(D)	Is this a registration renewal including checklist, Core Data Form and PI-7 Form?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(h)(3)(B)	For relocation notification, was the Regional Notification Standard Permit/Permit by Rule Relocation Form submitted to the Regional Office and local air pollution control program at least 14 days prior to proposed operation?  <i>If "YES," the relocation notification must be sent to the Regional Director with this checklist attached to a Core Data Form.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(h)(4)	Will records be kept to demonstrate compliance with the permit by rule conditions listed above?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(h)(4)(A)	Is the ACI equipped with a run time meter and a written record or log of the hours of operation of the ACI maintained at this site and made available at the request of personnel from the commission or any air pollution control program having jurisdiction?	<input type="checkbox"/> YES <input type="checkbox"/> NO

## Appendix E

CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE BLANKS		
Rule	Question/Description	Response
Administrative Requirements (continued)		
(h)(4)(B)	<p>Will records be kept to demonstrate compliance with all operational or location requirements?</p> <p><i>Note: These records must include a copy of the return receipt demonstrating notification to the appropriate regional office and local air pollution control programs having jurisdiction, and plot plans showing distance limits are met. For portable facilities once relocated to a new site, records will be maintained at a central location for a two-year rolling period.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
(h)(4)(C)	Will a copy of the PBR rule and any operating instructions be kept at the burn site, followed by owners or operators, and be made available at the request of personnel from the commission or any local air pollution control program having jurisdiction?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(h)(4)(D)	Will the ACI unit be clearly and permanently marked with the regulated entity (preferred) or account identification number on the fan manifold or aboveground unit?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Forms		
<p><a href="#">Form PI-7 (Registration for Permits by Rule)</a>  <a href="#">Core Data Form</a> (See: <a href="#">Instructions for completing the Core Data Form</a>)  <a href="#">Regional Notification Standard Permit/Permit by Rule Relocation Form</a> (Only complete this form if you are relocating an ACI that has been previously registered with the TCEQ within the past five years. If you are providing notification of relocation, you only need to notify the <a href="#">TCEQ Regional Office</a> and any local air control program in the region in which the ACI will be located.)</p> <p>For questions about completing forms or about rule requirements, please call (512) 239-1250.</p>		

**Record Keeping:** In order to demonstrate compliance with the general and specific requirements for this PBR, the owner or operator of the ACI, at a minimum, must meet the following requirements:

- A. The ACI must be equipped with a run time meter. A written record or log of the hours of operation of the ACI must be maintained at the site and made available at the request of personnel from the commission or any air pollution control program having jurisdiction. This run time record or log must be organized such that compliance with the requirements of this section can be readily determined.
- B. Records must be kept to demonstrate compliance with all operational or location requirements of this section. These records must include a copy of the return receipt demonstrating notification to the appropriate regional office and local air pollution control programs having jurisdiction, and plot plans showing distance limits are met. For portable facilities, once relocated to a new site, records must be maintained at a central location for a two-year rolling period.
- C. A copy of this section and any operating instructions must be kept at the burn site and must be followed by the owners or operators, and must be made available at the request of personnel from the commission or any local air pollution control program having jurisdiction.

- D. The ACI must be clearly and permanently marked with the regulated entity (preferred) or account identification number on the fan manifold or aboveground unit.

In addition, the required record keeping in accordance with [30 TAC § 106.8](#) may be based upon one time calculations, monitoring devices, data sets, or periodic calculations based upon actual production. If you have any question about the type of records that should be maintained, contact the Air Program in the [TCEQ Regional Office](#) for the county in which the site is located.

Recommended Calculation Method: In general, air emissions estimates are not required during a PBR registration review for this facility. However, in order to demonstrate compliance with the general requirements for PBRs, the registrant may be asked to estimate air emissions during an investigation. These estimates can be made by compiling the required records. If sufficient records are maintained on-site and requirements are being met, the applicant and the TCEQ will be able to establish these emission rates if needed.