

Bryan W. Shaw, Ph.D., P.E., *Chairman*
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 19, 2014

The Honorable Joe English
County Judge
101 W. Main, Suite 170
Nacogdoches, Texas 75961

Re: City of Nacogdoches Landfill – Nacogdoches County
Municipal Solid Waste (MSW) - Permit No. 720
Limited Scope Major Permit Amendment Application - Application Summary for Agency
Review
Tracking No. 17476906; CN600134076/RN102217395

Dear Judge English:

The Texas Commission on Environmental Quality is currently evaluating an application for the referenced municipal solid waste facility. Enclosed for your review is an Application Summary. The complete application may be found posted on the internet at the following website address: http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_posted_apps.html

We would appreciate receiving any comments you may have within thirty (30) days. If you have any questions or desire additional information, please contact Mr. Charles Brown at (512) 239-6234.

Sincerely,

A handwritten signature in cursive script that reads "Gulay Aki".

Gulay Aki, Team Leader
Municipal Solid Waste Permits Section
Waste Permits Division

GA/CBB/dp

Enclosure

**Application Summary
of the
City of Nacogdoches Landfill
MSW Major Permit Amendment Application
No. 720**

**Type I
Municipal Solid Waste Facility
Nacogdoches County, Texas**

**Applicant:
City of Nacogdoches**

Date Prepared: January 30, 2014

By the
Municipal Solid Waste (MSW) Permits Section
Office of Waste, Waste Permits Division
Texas Commission on Environmental Quality

The information contained in this summary is based upon the permit application and has not been independently verified.

Name of Applicant: City of Nacogdoches
P.O. Box 635030
Nacogdoches, Texas 75964

Name of Facility: City of Nacogdoches Landfill

Contact Person: Jim Jeffers, City Manager
P.O. Box 635030
Nacogdoches, Texas 75964
(936) 559-2501

Consulting Engineer: Jeffrey K. Reed, P.E.
SCS Engineers
12651 Briar Forest Drive, Suite 205
Houston, Texas 77077
(281) 397-6747

1.0 GENERAL

1.1 Purpose:

The applicant has applied to the Texas Commission on Environmental Quality (TCEQ) for a limited scope major permit amendment to authorize the use of an alternate liner design at the landfill.

2.0 APPLICATION REVIEW

This application is under review for compliance with the applicable requirements of 30 TAC Chapters 281, 305, and 330. On November 14, 2013, the application was determined to be administratively complete. The application is currently being technically reviewed by the Municipal Solid Waste Permits Section to determine its compliance with the applicable requirements in 30 TAC Chapters 305 and 330. Chapter 330 contains the minimum regulatory criteria for municipal solid waste facilities. When it is determined that the information in this permit application demonstrates compliance with these regulatory requirements and a draft permit can be prepared, the application will be declared technically complete. A Notice of Application and Preliminary Decision will be issued when the technical review is completed.

3.0 LOCATION.

3.1 Location:

The City of Nacogdoches Landfill is located in Nacogdoches County, Texas in the northwest portion of the City of Nacogdoches at 4602 NW Stallings Drive. The location is illustrated in Attachment 1 (General Location Map) of this Application Summary.

3.2 Elevation and Coordinates of Permanent Benchmark:

Latitude: N 31° 38' 45.6"

Longitude: W 94° 40' 46.8"

Elevation: 400 feet above mean sea level (msl)

4.0 Liner System.

A liner system meeting the requirements of 30 TAC Chapter 330 Subchapter H will be constructed. It will consist of the following components (listed in order from top to bottom of liner system):

- 60 mil HDPE geomembrane
- 24 inches compacted clay (permeability 1×10^{-7} cm/s)

In addition, the facility will be authorized to use an alternative liner design. The alternate liner design will consist of the following components (listed in order from top to bottom of liner system):

- 60 mil HDPE geomembrane
- Geosynthetic clay liner (permeability 5×10^{-9} cm/s)

The liner system will be overlaid by 2 feet of protective cover.

5.0 GROUNDWATER PROTECTION

The liner system and leachate collection system will provide protection of groundwater from contamination.

6.0 ADDITIONAL INFORMATION

For information concerning the regulations covering this application, contact:

Mr. Charles Brown
MSW Permits Section, MC 124
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711
(512) 239-6234

For more detailed technical information concerning any aspect of this application or to request a copy of the Site Development Plan, please contact the Consulting Engineer or the Applicant at the address provided at the beginning of this summary.

The complete application may be found posted on the internet at the following website address:

http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_posted_ap ps.html

1638

40° PREVAILING WIND

LATITUDE - 31°39'13"

LONGITUDE - 94°40'45"

REDFIELD COMMUNITY

LOVELESS RD

343

1.8 MILLARD CROSSING

59
224

495

Old North Cem

SUNSET MEMORIAL CEMETERY

1638

STALLINGS DR N FAU 224

CITY LIMITS

EXISTING LANDFILL SITE

DOGWOOD FOREST

Sunset Memorial Cemetery

EXTRATERRITORIAL JURISDICTIONAL LIMITS

SANDRIDGE CEMETERY

NACOGDOCHES

Pop 27,149

GULF PRODUCTION CO. PIPELINE EASEMENT.

CITY PARK

JADE ST
EMERALD DR
PEARL ST
LEANE DAN
DALLAS ST
KARLE ST
NORTH GATE DR
ROSA LN
BURROWS ST
WORTHAM DR
PARKER RC
ZENO ST
WOODWAY MR
MYRTLE MIL
BROOKSHIR

ONS
11
110

MAY 15, 1992

AREA MAP

1" = 2650' (1/2 MILE)

NO WATER WELL WITHIN 500' OF LANDFILL SITE

