October 4, 2022

Guanhua Gai
TCEQ MSW Permits Section
12100 Park 35 Circle
Austin, TX 78753

via email: guanhua.gai@tceq.texas.gov

Re: Beck Landfill, MSW 1848A
Type IV Landfill Amendment Application
Administrative NOD Response
Guadalupe County, Texas
RN102310968/CN603075011
TCEQ Tracking No. 27818258
CEC Project No. 311-653

On behalf of NIDO, Ltd., Civil & Environmental Consultants, Inc. (CEC) is pleased to submit the attached responses to your administrative notice of deficiency letter dated September 20, 2022 related to the permit amendment application for a vertical expansion of the Beck Landfill (MSW 1848A) located in Schertz, Texas. We have repeated each of your comments below followed by our response in bold type.

A1) As of May 1, 2022, applicants are required to submit the Plain Language Form (TCEQ-20947).

R1) A copy of the completed Plain Language Form is attached to this letter and will also be emailed to you.

A2) Please submit an electronic copy of the completed Excel MSW Application Checklist for this permit amendment.

R2) A copy of the completed MSW application checklist is attached to this letter and will also be emailed to you.

A3) Please revise and resubmit the Part I, Part II Application title pages, and headers to include the newly proposed MSW Permit No. 1848A.

R3) Revised copies of the Part I and Part II application title pages are attached to this letter.

A4) Please revise the TCEQ-00650 form to include the newly proposed MSW Permit No. 1848A with revision date.

R4) A revised copy of form 00650 with the proposed MSW permit number is attached to this letter.

A5) Please provide the URL address of a publicly accessible internet web site where the application and all revisions to the application will be posted. The provided one is not publicly accessible.

R5) We have verified that the provided link is publically accessible.

A6) Please submit mailing labels electronically for the adjacent landowners list. The electronic list must contain only the name, mailing address, city, state, and zip code with no reference to the lot number or lot location. Names and addresses must be typed in the format required by the U.S. Postal Service for machine readability, each letter in the name and address must be capitalized, contain no punctuation, and the appropriate two-character abbreviation must be used for the state. The list is to be 30 names, addresses, etc. (10 per column) per page (MS WORD Avery Standard 5160).

R6) The electronic mailing labels will be emailed to you and a print out of the labels is attached to this letter.

A7) Please revise the phone number to 210-619-1700 for the public place where the application is to be held.

R7) The number has been revised.

A8) Please revise Consultant Contact Name to Adam Mehevec, and add his title information to the Part I Form.

R8) My name has been revised as requested.

A9) For Texas Department of Transportation District, please verify and add Email Address: Gina.Gallegos@txdot.gov.

For City Mayor Information, please verify and add Email Address: ralphgutierrez@schertz.com.
For City Health Authority, please provide Contact Person's Name and Email Address.

For County Judge Information, please verify and revise as following:
Kyle Kutscher
101 East Court Street
Seguin, Texas 78155
830-303-8867
kyle.kutcher@co.guadalupe.tx.us

For County Health Authority, please verify Contact Person's Name and add Email Address:
Shelly Reed Jackson
shelly.jackson@co.guadalupe.tx.us.

For State Representative Information, please verify and add Email Address:
John.Kuempel@house.texas.gov.

For State Senator Information, please verify and add Email Address: Donna.Campbell@senate.texas.gov.

For Council of Government (COG) information, please verify and revise as following:
Alamo Area Council of Governments
Ms. Diane Rath
Executive Director
2700 NE Loop 410, Suite 101
San Antonio, TX 78217
210-362-5200
drath@aacog.com

For River Basin Authority information, please verify and revise as following:
San Antonio River Authority
Mr. Derek Boese, General Manager
Mid Cibolo Creek
201 W. Sheridan
San Antonio, Bexar, TX 78204
210-302-3616
Dboese@sariverauthority.org

R9) The requested revisions and additions have been made to the Part I form.

A11) Please resubmit an original signed, sealed and notarized signature page.

R11) A new signed and notarized signature page has been provided.

We have also made some additions to Attachments A and G that were discovered during the final completion of the MSW checklist. Underline/strikethrough and clean versions of these revised pages are also attached to this letter. Please call or e-mail me at 512-329-0006 or amehevec@cecinc.com if you have any questions or need additional information.

Sincerely,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Adam Mehevec, P.E.
Principal

Attachments: Admin NOD Deficiency Table
Permit Amendment Application Admin NOD Response Package

Application Deficiencies – Administrative NOD #1

ID[1]	App. Part	App. Section	Location[2]	Citation	Error Type[3]	Deficiency Description/Resolution
A1			TCEQ-Form 20947	30 TAC 39.405(k)	Omitted	As date of May 1, 2022, applicants are required to submit the Plain Language Form (TCEQ-20947). The form TCEQ-20947 and instructions can be downloaded from our website at: • TCEQ-20947, Plain Language Summary of Municipal Solid Waste Permit or Permit Amendment Application • TCEQ-20947-esp, Plain Language Summary of Municipal Solid Waste Permit or Permit Amendment Application (Spanish template) • TCEQ-20947-instr, Instructions for form TCEQ-20947, Plain Language Summary of Municipal Solid Waste Permit or Permit Amendment Application The copies of form TCEQ-20947 and instructions are included with the administrative NOD email as well.
A2					Omitted	Please submit an electronic copy of the completed Excel MSW Application Checklist for this permit amendment. The template can be downloaded in the following link https://www.tceq.texas.gov/assets/public/permitting/waste/msw/MSW-Checklist.xlsm.
A3	I & II				incorrect	Please revise and resubmit the Part I, Part II Application title pages, and headers to include the newly proposed **MSW Permit No. 1848A**.
A4	I		Page 1 & 4		Incorrect	Please revise the TCEQ-00650 form to include the newly proposed **MSW Permit No. 1848A** with revision date.
A5	I	Section 5	Page 2	330.57(i)(1)	Incorrect	Please provide the URL address of a publicly accessible internet web site where the application and all revisions to the application will be posted. The provided one is not publicly accessible.

ID[1]	App. Part	App. Section	Location[2]	Citation	Error Type[3]	Deficiency Description/Resolution
A6	I		Attachment 4.0	30 TAC §39.405(b)	Omitted	Please submit mailing labels electronically for the adjacent landowners list. The electronic list must contain only the name, mailing address, city, state, and zip code with no reference to the lot number or lot location. Names and addresses must be typed in the format required by the U.S. Postal Service for machine readability, each letter in the name and address must be capitalized, contain no punctuation, and the appropriate two-character abbreviation must be used for the state. The list is to be 30 names, addresses, etc. (10 per column) per page (MS WORD Avery Standard 5160).
A7	I	Section 8	Page 3	30 TAC 39.405(g)	Typo	Please revise the phone number to 210-619-1700 for the public place where the application is to be held.
A8	I	Section 17	Page 6		Typo	Please revise Consultant Contact Name to Adam Mehevec, and add his title information to the Part I Form.

A9	I	Section 20	Page 7 & 8	30 TAC 39.103(b)	Omitted	For Texas Department of Transportation District, please verify and add Email Address: Gina.Gallegos@txdot.gov. For City Mayor Information, please verify and add Email Address: ralphgutierrez@schertz.com. For City Health Authority, please provide Contact Person's Name and Email Address. For County Judge Information, please verify and revise as following: Kyle Kutscher 101 East Court Street Seguin, Texas 78155 830-303-8867 kyle.kutcher@co.guadalupe.tx.us For County Health Authority, please verify Contact Person's Name and add Email Address: Shelly Reed Jackson shelly.jackson@co.guadalupe.tx.us. For State Representative Information, please verify and add Email Address: John.Kuempel@house.texas.gov. For State Senator Information, please verify and add Email Address: Donna.Campbell@senate.texas.gov. For Council of Government (COG) information, please verify and revise as following: Alamo Area Council of Governments **Ms. Diane Rath** **Executive Director** **2700 NE Loop 410, Suite 101** **San Antonio, TX 78217** **210-362-5200** drath@aacog.com For River Basin Authority information, please verify and revise as following: San Antonio River Authority **Mr. Derek Boese, General Manager** Mid Cibolo Creek **201 W. Sheridan** **San Antonio, Bexar, TX 78204**

ID[1]	App. Part	App. Section	Location[2]	Citation	Error Type[3]	Deficiency Description/Resolution
						210-302-3616 Dboese@sariverauthority.org
A10	I		Signature	305.44, 270.11	Incomplete	Please resubmit an original signed, sealed and notarized signature page.

[1]Deficiency ID – Key: A#=Administrative deficiency (ex. A12); T#=Technical deficiency (ex. T10); C#=Comment only (ex. C1); Number in parenthesis (*n*) = *n*th instance of same deficiency (ex. T1(2) is the second instance of deficiency T1 originally identified in previous NOD).
[2]Location of deficiency in submittal/application. Items in square brackets [ ] refer to applicant's supplemental information submitted as attachments to the application form.
[3]Possible Error Types, one of: Ambiguous, Incomplete, Inconsistent, Incorrect, Omitted, Typo, or Wrong Format.

Texas Commission on Environmental Quality

Plain Language Summary of Municipal Solid Waste Permit or Permit Amendment Application

Applicants are required by public notice rules in Title 30 Texas Administrative Code, Chapter 39, Section 39.405(k)[1] to provide this summary of an application.

A. Purpose of the Proposed Facility

The facility is a construction and demolition debris landfill. This project will increase the final height of the existing landfill.

B. Information About the Applicant

Name: Nido, Ltd.

Applicant Type: Type IV MSW Landfill

Facility Name: Beck Landfill

Permit Application Number: 1848A

Customer Number (CN): 603075011

Regulated Entity Reference Number (RN): 102310968

C. Location of the Proposed Facility

Facility Address (or description of site location if no address):

550 FM 78
Schertz, TX 78154

Link to Map of Facility Location (TCEQ Location Mapper[2]): https://tceq.maps.arcgis.com/apps/w

D. Information about Facility Operation

What types of waste would be received?

construction and demolition debris

What geographical area would the wastes come from?

Guadalupe County and eastern Bexar County, including Schertz, Selma, Marion, Cibolo, Seguin, and San Antonio

[1] www.tceq.texas.gov/goto/view-30tac
[2] www.tceq.texas.gov/gis/hb-610-viewer

What days and hours would the facility operate?

7:00 am to 7:00 pm on Monday through Friday and 7:00 am to 12:00 pm on Saturday. Closed Sundays.

At what rate would wastes be accepted?

The site is currently accepting approximately 5000,000 tons per year. Over the remaining life of the site, the maximum waste acceptance rate is 1,000,000 tons per year.

How would wastes be managed?

Wastes will be disposed of in the landfill in accordance with the approved permit. Some wood, metal, and other recyclable materials may be segregated and recycled.

E. Pollution Control Methods

What methods would the facility use for containing wastes and odors, and monitoring for releases?

The site only accepts construction and demolition debris and does not accept putrescible waste. The waste is covered at least weekly with clean soil to prevent odors and litter. The site has existing groundwater and methane monitoring wells along the perimeter of the landfill to monitor for any releases. The site also has an existing stormwater permit to monitor for any unauthorized releases in the stormwater.

What methods would the facility use or require for preventing litter or spills, and for cleanup of litter and spills?

The site only accepts construction and demolition debris and does not accept putrescible waste. The waste is covered at least weekly with clean soil to prevent odors and litter. The site requires all waste vehicles to be tarped and collects litter along the roadways used to access the facility.

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1	General	Submit all four parts of the permit, permit amendment or registration application	Required	330.57(a) & (b)	Yes	See Application Parts I through IV		Format-Application
2	General	Submit TCEQ Part I Form (Form No. 0650)	Required	330.57(c)(1)	Yes	Part I	Updated October 3, 2022 to identify permit as 1848A	Forms
8	General	Part II of the application contains location and coordination information.	Informational	330.57(c)(2)		Acknowledged		Format-Application
9	General	Part III of the application contains design information	Informational	330.57(c)(3)		Acknowledged		Format-Application
10	General	Part IV of the application contains the site operating plan	Informational	330.57(c)(4)		Acknowledged		Format-Application
11	General	The application should address all aspects of application and design requirements, even to show why not applicable (N/A)	Informational	330.57(d)		Acknowledged		Format-Application
12	General	Submit data of sufficient completeness, accuracy and clarity	Required	330.57(d)	Yes	See Application Parts I through IV		Format-Application
13	General	Failure to provide complete information may be cause for ED to return application.	Informational	330.57(d)		Acknowledged		Format-Application
14	General	Provide 4 Copies for Initial Submittal (1 original and 3 copies)	Required	330.57(e)	Yes	Three copies submitted to MSW permits and one was sent to the Region Office		Format-Application
15	General	Provide 4 copies for NOD Responses including 1 copy with marked revisions (redline/strikeout)	Required	330.57(g)(6)	Yes	Three copies submitted to MSW permits and one was sent to the Region Office		Format-Application
16	General	Application must be prepared in accordance with Texas Occupations Code, Texas Engineering Practice Act, Chapter 1001 and Texas Geoscience Practice Act, Chapter 1002	Informational	330.57(f)		Acknowledged		Format-Application
17	General	Provide a PE signature, seal and date on the title page of each bound engineering report or individual engineering plan, and on each engineering drawing	Required	330.57(f)(1)	Yes	See Application Parts I through IV		Format-Application
18	General	Provide PG sign, seal, & date for applicable items	Required	330.57(f)(2)	Yes	See Application Parts I through IV		Format-Application
19	General	Applications that are not sealed are incomplete and shall be returned	Informational	330.57(f)(3)		Acknowledged		Format-Application
20	General	Submit the application in three ring-binders	Required	330.57(g)(1)	Yes	Complete		Format-Application
21	General	Submit Title Page with Name, Application No., Site Operator Name, Operator Name (if applicable), Location, Date Prepared and Revision Date(s)	Required	330.57(g)(2)	Yes	See Application Parts I through IV		Format-Application
22	General	Provide Table of Contents with PE seal	Required	330.57(g)(3)	Yes	See Application Table of Contents		Format-Application
23	General	Use 8.5x11 inch or 11x17 paper (folded to 8.5x11 inch)	Required	330.57(g)(4)	Yes	See Application Parts I through IV		Format-Application
24	General	Provide pages with date (original and revised) and sequential page numbers	Required	330.57(g)(5)	Yes	See Application Parts I through IV		Format-Application
25	General	Provide legible drawings/maps	Required	330.57(h)(1)	Yes	See Application Parts I through IV		Format-Maps/Drawings
26	General	Provide color coding on all figures and drawings that is legible and distinct after copying in black & white	Required	330.57(h)(2)	Yes	See Application Parts I through IV		Format-Maps/Drawings
27	General	Provide a standard engineering scale on each figure or drawing	Required	330.57(h)(3)	Yes	See Application Parts I through IV		Format-Maps/Drawings
28	General	Provide a dated title block on each figure or drawing	Required	330.57(h)(4)(A)	Yes	See Application Parts I through IV		Format-Maps/Drawings
29	General	Provide a bar scale at least 1 inch on all figures and drawings	Required	330.57(h)(4)(B)	Yes	See Application Parts I through IV		Format-Maps/Drawings
30	General	Provide a revision block on all figures and drawings	Required	330.57(h)(4)(C)	Yes	See Application Parts I through IV		Format-Maps/Drawings
31	General	Provide a PE or PG seal ,if required, on all figures and drawings	Required	330.57(h)(4)(D)	Yes	See Application Parts I through IV		Format-Maps/Drawings
32	General	Include drawing number and a page number on each drawing and figure	Required	330.57(h)(4)(E)	Yes	See Application Parts I through IV		Format-Maps/Drawings
33	General	Include a north arrow on each map or plan drawing	Required	330.57(h)(5)(A)	Yes	See Application Parts I through IV		Format-Maps/Drawings
34	General	Include a reference to base map & date of most current base map used, if the map is based upon another map	Required	330.57(h)(5)(B)	Yes	See Application Parts I through IV		Format-Maps/Drawings

35	General	Include a legend on each map or plan drawing	Required	330.57(h)(5)(C)	Yes	See Application Parts I through IV		Format-Maps/Drawings
36	General	Provide match lines and section lines that reference the drawing where the match or section is shown.	Required	330.57(h)(6)	Yes	See Application Parts I through IV		Format-Maps/Drawings
45	General	Acknowledge that the construction and operation of the waste management facility shall comply with Subchapter U of 30 TAC Chapter 330 (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations) or other approved air authorizations. Owners or operators of these types of facilities should consult with the Air Permits Division on or before the date that the municipal solid waste application is filed with the executive director	Acknowledgement	330.55(a)	Yes	Part III, Attachment A, Section 7.0		Other Authorizations
46	General	Acknowledge that all liquids resulting from the operation of solid waste facilities shall be disposed of in a manner that will not cause surface water or groundwater pollution. Facilities shall provide for the treatment of wastewaters resulting from waste management activities and from cleaning and washing. Owners or operators shall ensure that storm water and wastewater management is in compliance with the regulations of the commission	Acknowledgement	330.55(a)	Yes	Part III, Attachment A, Section 2.0		Other Authorizations
47	General	A person may not cause, suffer, allow, or permit the disposal of municipal solid waste prior to recording, in the county deed records of the county or counties in which the disposal takes place, a metes and bounds description of the portion or portions of the tract of land on which disposal of solid waste will take place	Informational	330.19(a)		Acknowledged		General Information
48	General	A certified copy of proof of deed recordation shall be provided to the executive director prior to instituting disposal operations.	Informational	330.19(b)		Acknowledged		General Information
49	General	It is the responsibility of an owner or operator to possess or acquire a sufficient interest in or right to the use of the surface estate of the property for which a permit is issued, including the access route. The granting of a permit does neither convey any property rights or interest in either real or personal property; nor does it authorize any injury to private property, invasion of personal rights, or impairment of previous contract rights; nor any infringement of federal, state, or local laws or regulations outside the scope of the authority under which a permit is issued	Informational	330.67(a)		Acknowledged		General Information
50	General	The facility owner or operator shall retain the right of entry to the facility until the end of the post-closure care period for inspection and maintenance of the facility	Informational	330.67(b)		Acknowledged		General Information
51	General	Executive director approval or a permit will be required if any on-site operations subsequent to closure of a landfill facility involve disturbing the cover or liner of the landfill.	Informational	330.67(c)		Acknowledged		General Information
52	General	It is the responsibility of an owner or operator to obtain any permits or approvals that may be required by local agencies such as for building construction, discharge of uncontaminated waters into ditches under control of a drainage district, discharge of effluent into a local sanitary sewer system, etc.	Informational	330.67(d)		Acknowledged		General Information

58	General	If at any time during the life of the facility the owner or operator becomes aware of any condition in the permit or registration that necessitates a change to accommodate new technology or improved methods or that makes it impractical to keep the facility in compliance, the owner or operator shall submit to the executive director requested changes to the permit or registration in accordance with 30 TAC §305.62 or §305.70 and must be approved prior to their implementation	Informational	330.73(a)		Acknowledged		General Information
59	General	A preconstruction conference shall be held prior to commencement of physical construction for a municipal solid waste (MSW) landfill facility, a vertical landfill expansion, or a lateral landfill expansion. The preconstruction conference shall be held no more than 90 days prior to the date that construction is scheduled to begin. All aspects of the permit, construction activities, and inspections shall be discussed. Additional preconstruction conferences may be held prior to the opening of a new MSW landfill unit. The executive director and owner's representatives, including the engineer, the geotechnical consultant, the contractor, and the facility manager, shall attend the	Informational	330.73(c)		Acknowledged		General Information
60	General	The owner or operator shall obtain and submit certification by a Texas-licensed professional engineer that the facility has been constructed as designed in accordance with the issued registration or permit and in general compliance with the regulations prior to initial operation. The owner or operator shall maintain that certification on site for inspection	Informational	330.73(d)		Acknowledged		General Information
61	General	After all initial construction activity has been completed and prior to accepting any solid waste, the owner or operator shall contact the executive director and region office in writing and request a pre-opening inspection. A pre-opening inspection shall be conducted by the executive director within 14 days of notification by the owner or operator that all construction activities have been completed, accompanied by representatives of the owner or operator and the engineer	Informational	330.73(e)		Acknowledged		General Information
62	General	The MSW facility shall not accept solid waste until the executive director has confirmed in writing that all applicable submissions required by the permit or registration and this chapter have been received and found to be acceptable, and that construction is in compliance with the permit or registration and the approved site development plan. If the executive director has not provided a written or verbal response within 14 days of completion of the pre-opening inspection, the facility shall be considered approved for acceptance of waste	Informational	330.73(f)		Acknowledged		General Information
63	General	Identify if the Regulated Entity or Customer has any delinquent fees	Required	330.59(h), 330.671, 330.675	Yes	Part III, Attachment A, Section 1.0		Delinquent Fees
64	Part I	Provide a copy of the application, including all revisions and supplements on a publicly accessible Web site	Required in Part I Form	330.57(i)(1)		Form 0650, Page 2/13		Part I Form
65	Part I	Provide the commission with the Web address link for the application materials	Required in Part I Form	330.57(i)(1)		Form 0650, Page 2/13		Part I Form
66	Part I	Signature Page must have signature and notarization	Required in Part I Form	330.59(a)(1)		Form 0650, Page 11/13		Part I Form
67	Part I	Applicant's name, mailing address & phone no.	Required in Part I Form	330.59(a)(1)		Form 0650, Section 12		Part I Form
68	Part I	Description of the nature of the business	Required in Part I Form	330.59(a)(1)		Form 0650, Sections 12, 3, 14, 15, and 16		Part I Form
69	Part I	Activities that require a permit (conducted at the facility)	Required in Part I Form	330.59(a)(1)		Part I, Section 1.2		Part I Form
70	Part I	Location description, facility name & mailing address	Required in Part I Form	330.59(b)(1); 305.45(a)(1)		Form 0650, Section 12		Part I Form
71	Part I	Access routes	Required in Part I Form	330.59(b)(2)		Form 0650, Section 12		Part I Form

72	Part I	Lat. & Long. of the facility	Required in Part I Form	330.59(b)(3)		Form 0650, Section 12		Part I Form
73	Part I	Lat. & Long. depicted	Required in Part I Form	330.59(c)(1)(A)		Part I, Section 4.0 Maps		Part I Form
74	Part I	All maps should show the facility location	Required in Part I Form	305.45(a)(6)		Part I, Section 4.0 Maps		Part I Form
75	Part I	All maps should display intake and discharge structures	Required in Part I Form	305.45(a)(6)		N/A		Part I Form
76	Part I	All maps should show other structures or locations regarding the regulated facility and associated activities	Required in Part I Form	305.45(a)(6)		Part I, Section 4.0 Maps		Part I Form
77	Part I	At least one map with a scale not less than 1 inch = 1 mile	Required in Part I Form	305.45(a)(6)		Figure 1-1A		Part I Form
78	Part I	Permit/Registration boundary and 1 mile beyond to show the following:	Required in Part I Form	330.59(c)(1)(B)		Figure 1-B		Part I Form
79	Part I	Wells, springs, surface water bodies	Required in Part I Form	305.45(a)(6)(A)		Part II Figures 2-4 and 2-7		Part I Form
80	Part I	Character of adjacent land including public roads, towns, development as residential, commercial, agricultural, etc.	Required in Part I Form	305.45(a)(6)(B)		Part II, Attachment C Figure 2-3		Part I Form
81	Part I	Location of any waste disposal activities conducted on the tract but not included in the application	Required in Part I Form	305.45(a)(6)(C)		N/A		Part I Form
82	Part I	General location map, TXDOT, scale of ½ inch = 1 mile and most current map used	Required in Part I Form	330.59(c)(2)		Part I, Attachment 4		Part I Form
83	Part I	Land Ownership Map, within ¼ mile & mineral interest ownership	Required in Part I Form	330.59(c)(3)(A)		Part I, Attachment 4		Part I Form
84	Part I	Land Ownership List both in hardcopy and electronic form (alternatively pre-printed mailing labels)	Required in Part I Form	330.59(c)(3)(B)		Part I, Attachment 4		Part I Form
85	Part I	Legal description of property or other documentation of ownership	Required in Part I Form	330.59(d)(1)(A)		Part I, Attachment 5		Part I Form
86	Part I	If Platted; plat record with county, book, page number and acreage information	Required in Part I Form	330.59(d)(1)(B)		Part I, Attachment 5		Part I Form
87	Part I	Signed, sealed and dated surveyed metes and bounds description of the facility	Required in Part I Form	330.59(d)(1)(C)		Part I, Attachment 5		Part I Form
88	Part I	Signed & sealed metes & bounds drawing	Required in Part I Form	330.59(d)(1)(D)		Part I, Attachment 5		Part I Form
89	Part I	Signed property owner affidavit	Required in Part I Form	330.59(d)(2)		Part I, Attachment 6		Part I Form
90	Part I	Acknowledge that State may hold owner responsible	Required in Part I Form	330.59(d)(2)(A)		Part I, Attachment 6		Part I Form
91	Part I	Acknowledge that owner is responsible for deed record before & after operation	Required in Part I Form	330.59(d)(2)(B)		Part I, Attachment 6		Part I Form
92	Part I	Acknowledge that the owner & State shall have access during life of the facility and during closure	Required in Part I Form	330.59(d)(2)(C)				Part I Form
93	Part I	Acknowledge that the owner & State shall have access during the post-closure care period	Required in Part I Form	330.59(d)(2)(C)				Part I Form
94	Part I	Verified legal status of applicant and list of persons with 20% or more ownership in the facility	Required in Part I Form	330.59(e)		Part I, Attachment 6		Part I Form
95	Part I	Ownership status as federal, state, private, public, or other	Required in Part I Form	305.45(a)(2)		Part I, Section 1.1 (Core Data Form)		Part I Form
96	Part I	List of all Texas solid waste sites that the owner or operator has owned or operated within the last ten years. The site name, site type, permit or registration number, county, and dates of operation shall also be submitted	Required in Part I Form	330.59(f)(1)		Part I, Attachment 7		Part I Form
97	Part I	List of all solid waste sites in all states, territories, or countries in which the owner or operator has a direct financial interest. The type of site shall be identified by location, operating dates, name, and address of the regulatory agency, and the name under which the site was operated.	Required in Part I Form	330.59(f)(2)		Part I, Attachment 7		Part I Form
98	Part I	Shall employ a licensed solid waste facility supervisor before operating	Required in Part I Form	330.59(f)(3)		Part I, Attachment 7		Part I Form
99	Part I	Names of principals & supervisors owner or operators organization together with previous affiliations with other organizations involved with solid waste activities	Required in Part I Form	330.59(f)(4)		Part I, Attachment 7		Part I Form
100	Part I	Landfilling, earthmoving exp. or license under Chapter 30. Include number and size of equipment	Required in Part I Form	330.59(f)(5)		Part I, Attachment 7		Part I Form
101	Part I	Signatory meets 305.44, documentation of delegated signatory authority	Required in Part I Form	330.59(g)		Part I, Attachment 8		Part I Form
102	Part I	Corporations – signed by a corporate officer	Required in Part I Form			N/A		Part I Form
103	Part I	Partnership or proprietorship –signed by a general partner or proprietor	Required in Part I Form			Part I, Attachment 8		Part I Form
104	Part I	Municipality, public agency –signed by an executive officer or elected official	Required in Part I Form			N/A		Part I Form

105	Part I	Signatory certification statement	Required in Part I Form			Part I, Form 0650, page 11/13		Part I Form
106	Part I	Hazardous Waste Management	Required in Part I Form	305.45(a)(7)(A)		Part 1, Section 1.1		Part I Form
107	Part I	Underground Injection Control	Required in Part I Form	305.45(a)(7)(B)		Part 1, Section 1.1		Part I Form
108	Part I	NPDES	Required in Part I Form	305.45(a)(7)(C)		Part 1, Section 1.1		Part I Form
109	Part I	Prevention of Significant Deterioration	Required in Part I Form	305.45(a)(7)(D)		Part 1, Section 1.1		Part I Form
110	Part I	Nonattainment Program	Required in Part I Form	305.45(a)(7)(E)		Part 1, Section 1.1		Part I Form
111	Part I	NESHAPS	Required in Part I Form	305.45(a)(7)(F)		Part 1, Section 1.1		Part I Form
112	Part I	Ocean dumping permit	Required in Part I Form	305.45(a)(7)(G)		Part 1, Section 1.1		Part I Form
113	Part I	Dredge & fill permit	Required in Part I Form	305.45(a)(7)(H)		Part 1, Section 1.1		Part I Form
114	Part I	Licenses under the TRCA	Required in Part I Form	305.45(a)(7)(I)		Part 1, Section 1.1		Part I Form
115	Part I	Other environmental permits	Required in Part I Form	305.45(a)(7)(K)		Part 1, Section 1.1		Part I Form
116	Part I	Permit Application Fee is $2050.00	Required in Part I Form	THSC 361.0675		Part I, Attachment 9		Part I Form
117	Part I	A copy of the payment receipt to the MSW Permits Section, if paid by check.	Required in Part I Form	330.59(h)(1)		Title Page and Table of Content of Part I		Part I Form
118	Part I	Prepared by PE, PG, or qualified person	Required in Part I Form	330.57(f)				Part I Form
119	Part I	Description of facility & systems	Required in Part I Form	305.45(a)(8)(A)				Part I Form
120	Part I	Volume, average & max rate of disposal for each place of disposal	Required in Part I Form	305.45(a)(8)(B)(i)				Part I Form
121	Part I	Physical, chemical, thermal, organic, bacteriological, radiological properties of waste	Required in Part I Form	305.45(a)(8)(B)(ii)				Part I Form
122	Part I	Other reasonable information	Required in Part I Form	305.45(a)(8)(C)		Part I Form		Part I Form
123	Part II	Provide the sources and characteristics of all waste to be accepted.	Required	330.61(b)(1)	Yes	Part II, Attachment B		Waste Acceptance Plan
124	Part II	Specify parametric limitations of each type of waste to be managed by the facility	Required	330.61(b)(1)	Yes	Part II, Attachment B		Waste Acceptance Plan
125	Part II	Provide a brief description of the general sources and generation areas contributing wastes to the facility. This description shall include an estimate of the population or population equivalent served by the facility	Required	330.61(b)(1)(A)	Yes	Part II, Attachment B		Waste Acceptance Plan
126	Part II	Provide a descriptive narrative that describes the percentage of incoming waste that must be recovered and its intended use	Required if Requested	330.61(b)(1)(A)	Yes	Part II, Attachment B		Waste Acceptance Plan
128	Part II	Provide an estimate of the maximum annual waste acceptance rate projected for 5 years	Required	330.61(b)(1)(C)	Yes	Part II, Attachment B		Waste Acceptance Plan
130	Part II	Provide any site specific conditions that require special design considerations & possible mitigation of conditions identified under sections (h) – (o)	Required	330.61(a)	Yes	Part II, Form 20885, Section II.2 and 3		Facility Impact
131	Part II	Provide information regarding the likely impacts of the facility on cities, communities, groups of property owners, or individuals.	Required	330.61(h)	Yes	Part II, Attachment D		Facility Impact
132	Part II	Provide information on the compatibility of the facility with surrounding land use, zoning in the vicinity, community growth patterns, and other factors associated with the public interest.	Required	330.61(h)	Yes	Part II, Attachment D		Facility Impact
133	Part II	Provide information on the character of surrounding land use within one mile	Required	330.61(h)(2)	Yes	Part II, Attachment D		Existing Conditions
134	Part II	Provide information about the growth trends within five miles & directions of development	Required	330.61(h)(3)	Yes	Part II, Attachment D		Existing Conditions
135	Part II	Indicate the proximity to residences & items listed in 330.61(c)(4) & (12), ~ no. of residences & commercial establishments including direct & distance to nearest, population density, all within one mile.	Required	330.61(h)(4)	Yes	Part II, Form 20885, Section IX		Existing Conditions
136	Part II	Indicate all wells and the well density within 500 ft.	Required	330.61(h)(5)	Yes	Part II, Form 20885, Section IX; Part III, Geology Report		Existing Conditions
137	Part II	Provide any other information requested by the ED	Required	330.61(h)(6)	Yes	N/A		Existing Conditions
138	Part II	Provide data on availability & adequacy of access roads	Required	330.61(i)(1)	Yes	Part II, Attachment E		Transportation
139	Part II	Provide the existing & expected traffic volumes on access roads within one mile of the facility during the expected life of the facility	Required	330.61(i)(2)	Yes	Part II, Attachment E		Transportation
140	Part II	Provide an estimate of traffic volume generated by the facility on access roads within one mile of the facility	Required	330.61(i)(3)	Yes	Part II, Attachment E		Transportation

141	Part II	Provide documentation of coordination for roadway improvements and documentation of coordination with TXDOT for traffic and location restrictions	Required	330.61(i)(4)	Yes	Part II, Attachment E		Transportation
142	Part II	Provide information about the facility's impact on airports per §330.545, documentation of coordination with FAA	Required	330.61(i)(5)	Yes	Part II, Attachment F		Transportation
143	Part II	Provide documentation of coordination with FAA	Required	330.61(i)(5)	Yes	Part II, Attachment F		Transportation
144	Part II	Provide a demonstration of no bird hazards for landfill units within 10,000 ft. of turbojet runway	Required	330.545(a)	Yes	Part II, Attachment F		Transportation
145	Part II	Provide a demonstration of no bird hazards for landfill units within 5,000 ft. of piston-type runway	Required	330.545(a)	Yes	Part II, Attachment F		Transportation
146	Part II	Provide notice to the airport & the FAA for MSW units within 6 miles of a small airport or within 5 miles of a large commercial airport.	Required	330.545(b)	Yes	Part II, Attachment F		Transportation
147	Part II	Putrescible waste disposal must not cause bird hazard, All units within the distances indicated in 330.545(b) must be evaluated	Informational	330.545(d)		Part II, Attachment F		Transportation
148	Part II	Discuss in general terms the geology and soils of the proposed site	Required	330.61(j)(1)	Yes	Part II, Attachment G		Geology
149	Part II	Identify and provide data on fault area locations. If faults exist, see location restrictions in Part III, and include a fault study in the Geology Report	Required	330.61(j)(2)	Yes	Part II, Attachment G		Geology
150	Part II	Identify and provide data on seismic impact zones. If located in impact zone see location restrictions in Part III	Required	330.61(j)(3)	Yes	Part II, Attachment G		Geology
151	Part II	Identify and provide data on unstable areas. If unstable areas exist see location restrictions in Part III, and describe factors for determining unstable areas in the Geology Report	Required	330.61(j)(4)	Yes	Part II, Attachment G		Geology
152	Part II	Provide data on site specific groundwater conditions	Required	330.61(k)(1)	Yes	Part II, Attachment H		Groundwater and Surface Water
153	Part II	Provide data on surface water at or near the site	Required	330.61(k)(2)	Yes	Part II, Attachment H		Groundwater and Surface Water
154	Part II	Provide information on how facility will comply with applicable Texas Pollutant Discharge Elimination System (TPDES) storm water permitting requirements and the Clean Water Act, §402, as amended.. This may include the information requires by 30 TAC 330.61(k)(3)(A) & (B)	Required	330.61(k)(3)	Yes	Part II, Attachment H		Groundwater and Surface Water
155	Part II	As applicable, provide a certification statement indicating the owner/operator will obtain the appropriate TPDES permit coverage when required	Required	330.61(k)(3)(A)	Yes	N/A		Groundwater and Surface Water
156	Part II	As applicable, provide a copy of permit number under an individual wastewater permit	Required	330.61(k)(3)(B)	Yes	N/A		Groundwater and Surface Water
157	Part II	Provide the location of any water wells.	Required	330.61(l)(1)	Yes	Part II, Attachment I		Abandoned Oil and Water Wells
158	Part II	All water supply wells must be outside monitoring system or approved in the permit	Informational	330.61(l)(1)		N/A		Abandoned Oil and Water Wells
159	Part II	30 days prior to construction provide certification of plugging and abandonment of all water, oil and gas wells not approved in the permit	Informational	330.61(l)(1)		N/A		Abandoned Oil and Water Wells
160	Part II	Provide the location of oil & gas wells production wells may remain if identified & don't disrupt operations	Required	330.61(l)(2)	Yes	N/A		Abandoned Oil and Water Wells
161	Part II	Production wells may remain if identified & they do not disrupt facility operations	Informational	330.61(l)(2)		See Part II, Attachment J		Abandoned Oil and Water Wells
162	Part II	Indicate if the facility is within the 100yr floodplain. If facility within a floodplain see location restrictions in 30 TAC Chapter 330 Subchapter M	Required	330.61(m)(1)	Yes	See Part II, Attachment J		Floodplains and Wetlands
163	Part II	Indicate if wetlands are located within the facility boundary. If wetlands exist, see location restrictions in 30 TAC Chapter 330 Subchapter M	Required	330.61(m)(2)	Yes	See Part II, Attachment L		Floodplains and Wetlands

165	Part II	Acknowledge that the construction and operation of the facility shall not result in the destruction or adverse modification of the critical habitat or cause or contribute to the taking of endangered or threatened species.	Acknowledgement	330.61(n)(1)	Yes	See Part II, Attachment L		Endangered Species
165	Part II	Acknowledge that the construction and operation of the facility shall not result in the destruction or adverse modification of the critical habitat or cause or contribute to the taking of endangered or threatened species. If the WWTP permit contains a coordination and a review letter from the United States Fish and Wildlife Service and the Texas Parks and Wildlife Department, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Acknowledgement	330.61(n)(1)	Yes	See Part II, Attachment L		Endangered Species
166	Part II	Provide a demonstration of whether facility is located within species range and provide a biological assessment.	Required	330.61(n)(2)	Yes	See Part II, Attachment L		Endangered Species
166	Part II	Provide a demonstration of whether facility is located within species range and provide a biological assessment. If the WWTP permit contains a coordination and a review letter from the United States Fish and Wildlife Service and the Texas Parks and Wildlife Department, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Required	330.61(n)(2)	Yes	See Part II, Attachment L		Endangered Species
167	Part II	Provide documentation of compliance with Natural Resource Code, Chapter 191 (Texas Antiquities Code)	Required	330.61(o)	Yes	See Part II, Attachment M		Historical Commission
167	Part II	Provide documentation of compliance with Natural Resource Code, Chapter 191 (Texas Antiquities Code). If the WWTP permit contains coordination and a review letter from the Texas Historical Commission, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Required	330.61(o)	Yes	See Part II, Attachment M		Historical Commission
168	Part II	Provide documentation that Parts I and II of the application were submitted for review to the applicable council of governments for compliance with regional solid waste plans.	Required	330.61(p)	Yes	See Part II, Attachment N		COG Review
169	Part II	Acknowledgement that the owner or operator requested a review letter from any local government, as appropriate for compliance with local solid waste plans. A review letter is not a prerequisite to a final determination on a permit or registration application.	Acknowledgement	330.61(p)	Yes	See Part II, Attachment N		COG Review
170	Part II	Provide a constructed map showing boundary, zoning, & land use within one mile including info from 330.61(c)(4), (5), & (10) (schools, hospitals, etc.)	Required	330.61(g)	Yes	See Part II, Attachment B		Maps/Drawings
171	Part II	Provide the prevailing wind direction with a wind rose.	Required	330.61(c)(1)	Yes	See Part II, Attachment B		Maps/Drawings
172	Part II	Provide the location of all known water wells within 500 feet of the proposed permit boundary with the state well numbering system designation for Water Development Board "located wells".	Required	330.61(c)(2)	Yes	See Part II, Attachment B		Maps/Drawings
173	Part II	Provide the location of all structures and inhabitable buildings within 500 feet of the facility	Required	330.61(c)(3)	Yes	See Part II, Attachment B		Maps/Drawings
174	Part II	Provide the location of all schools, licensed day-cares, churches, hospitals, cemeteries, ponds, lakes, residential, commercial, & recreational areas within one mile of the facility	Required	330.61(c)(4)	Yes	See Part II, Attachment B		Maps/Drawings

175	Part II	Provide the location and surface type of roads used for access within one mile of the facility	Required	330.61(c)(5)	Yes	See Part II, Attachment C		Maps/Drawings
176	Part II	Provide the latitude & longitude of the facility	Required	330.61(c)(6)	Yes	See Part II, Attachment B		Maps/Drawings
177	Part II	Provide the location of all area streams	Required	330.61(c)(7)	Yes	See Part II, Attachment B		Maps/Drawings
178	Part II	Provide the location of all airports within six miles	Required	330.61(c)(8)	Yes	See Part II, Attachment B		Maps/Drawings
179	Part II	Indicate the property boundary of facility	Required	330.61(c)(9)	Yes	See Part II, Attachment B		Maps/Drawings
180	Part II	Indicate all drainage, pipeline, and utility easements within & adjacent to the facility	Required	330.61(c)(10)	Yes	See Part II, Attachment B		Maps/Drawings
181	Part II	Provide the location of all access control features	Required	330.61(c)(11)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
182	Part II	Provide the location of all archaeological sites, historical sites, and sites with an aesthetic quality adjacent to the facility	Required	330.61(c)(12)	Yes	See Part II, Attachment M		Maps/Drawings
183	Part II	Provide a facility layout map	Required	330.61(d)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
184	Part II	A set of maps may be provided	Informational	330.61(d)		Acknowledged		Maps/Drawings
185	Part II	Provide an outline of solid waste management units	Required	330.61(d)(1)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
186	Part II	Provide the location of interior roads	Required	330.61(d)(2)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
187	Part II	Indicate the location of monitor wells	Required	330.61(d)(3)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
188	Part II	Provide the location of all facility buildings	Required	330.61(d)(4)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
189	Part II	Provide notes on sequence of development	Required	330.61(d)(5)	Yes	Part III, Attachment D1, Figures D1.3-D1.6		Maps/Drawings
190	Part II	Indicate the location of all facility fencing	Required	330.61(d)(6)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
191	Part II	Provide the location of facility windbreaks, greenbelts, visual screening	Required	330.61(d)(7)	Yes	N/A		Maps/Drawings
192	Part II	Indicate the location of site entrance roads	Required	330.61(d)(8)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
193	Part II	Indicate the type of waste in each sector	Required	330.61(d)(9)(A)	Yes	Part II, Attachment B		Maps/Drawings
194	Part II	Provide the general sequence of filling operation	Required	330.61(d)(9)(B)	Yes	Part III, Attachment D1, Figures D1.3-D1.6		Maps/Drawings
195	Part II	Provide the sequence of excavation & filling	Required	330.61(d)(9)(C)	Yes	Part III, Attachment D1		Maps/Drawings
196	Part II	Indicate the dimensions of cells	Required	330.61(d)(9)(D)	Yes	Part III, Attachment D1, Figure D1.2		Maps/Drawings
197	Part II	Indicate the maximum waste elevation & final cover	Required	330.61(d)(9)(E)	Yes	Part III, Attachment D1, Figure D1.1		Maps/Drawings
198	Part II	Provide a general topographic maps: USGS 7.5 minute or equivalent one map at scale 1 in. = 2,000 ft.	Required	330.61(e)	Yes	See Part II, Attachment B		Maps/Drawings
199	Part II	Provide Aerial Photograph(s) that are at least 9 in. by 9 in. at scale range of one inch = 1,667-3,334 ft. that covers an area at least one mile in radius of the site. Facility boundary and fill areas (as applicable) must be shown.	Required	330.61(f)	Yes	See Part II, Attachment B		Maps/Drawings
200	Part II	A series of photos showing growth trends may be used	Informational	330.61(f)(2)		See Part II, Attachment B		Maps/Drawings
201	Part II	All submitted prints & photocopies must be legible	Informational	330.61(f)(3)		Observed		Maps/Drawings
208	Part II	A new landfill cell or an expansion of an existing landfill managing Class 1 waste may not be located in areas described in §335.584(b)(3) and (4)	Informational	330.561		Observed		Groundwater and Surface Water
209	Part II	Demonstrate that a facility with a Class 1 cell unit subject to active coastal shoreline erosion will be designed to prevent adverse effects resulting from storm surge and erosion or scouring by water.	Required if Requested	335.584(b)(4)	Yes	N/A		Groundwater and Surface Water
212	Part II	Demonstrate that storage and processing facilities are located outside of the 100 year floodplain.	Required	330.547(c)	Yes	Part II, Attachment J		Floodplains and Wetlands
213	Part II	For storage and processing facilities located within the 100 year floodplain, please provide a demonstration that the facility is designed to prevent washout during a 100 year storm event, or a conditional letter of map amendment from the Federal Emergency Management Administration administrator	Required	330.547(c)	Yes	Part II, Attachment J		Floodplains and Wetlands

214	Part II	Acknowledge if the facility will be located in wetlands.	Acknowledgement	330.553(a) & (b)	Yes	Part II, Attachment L		Floodplains and Wetlands
215	Part II	Demonstrate, if located within wetlands, that there is no practicable alternative location	Required	330.553(b)(1)	Yes	Part II, Attachment L		Floodplains and Wetlands
216	Part II	Acknowledge that the facility's construction & operations shall not cause or contribute to violations of state water quality standards, violation of any applicable toxic effluent standard or prohibition under the Clean Water Act §307; jeopardize the continued existence of endangered or threatened species or result in the destruction or adverse modification of a critical habitat, protected under the Endangered Species Act of 1973, or violate any requirement under the Marine protection, Research, & Sanctuaries Act	Acknowledgement	330.553(b)(2)(A) - (D)	Yes	Observed		Floodplains and Wetlands
217	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing erosion, stability, & migration potential of native wetland soils, muds, and deposits used to support the landfill unit	Required	330.553(b)(3)(A)	Yes	Part II, Attachment L		Floodplains and Wetlands
218	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing erosion, stability, & migration potential of dredged and fill materials used to support the landfill	Required	330.553(b)(3)(B)	Yes	Part II, Attachment L		Floodplains and Wetlands
219	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the volume and chemical nature of the waste managed in the landfill unit	Required	330.553(b)(3)(C)	Yes	Part II, Attachment L		Floodplains and Wetlands
220	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the impacts on fish, wildlife, and other aquatic resources and their habitat for the release of solid waste	Required	330.553(b)(3)(D)	Yes	Part II, Attachment L		Floodplains and Wetlands
221	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the potential effects of catastrophic release of waste to the wetlands and the resulting impacts on the environment	Required	330.553(b)(3)(E)	Yes	Part II, Attachment L		Floodplains and Wetlands
222	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing any additional factors, as necessary, to demonstrate that ecological resources in the wetland are sufficiently protected	Required	330.553(b)(3)(F)	Yes	Part II, Attachment L		Floodplains and Wetlands
223	Part II	Sufficient information shall be provided to the ED to allow a reasonable determination to be made with respect to the demonstrations cited in 30 TAC §330.553(b)	Informational	330.553(b)(5)		Observed		Floodplains and Wetlands
224	Part II	Provide the steps taken to achieve no net loss of wetlands	Required	330.553(b)(4)	Yes	N/A		Floodplains and Wetlands
225	Part II	Acknowledge that the operation of this facility shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species	Acknowledgement	330.551(a)	Yes	Part II, Attachment L		Endangered Species
226	Part II	The term "Harassing" means; An intentional or negligent act or omission that creates the likelihood of injury to wildlife	Informational	330.551(b)(1)		Part II, Attachment L		Endangered Species
227	Part II	The term "Harming" means; An act of omission that actually injures or kills wildlife, including acts that annoy it to such an extent as to significantly disrupt essential behavioral patterns	Informational	330.551(b)(2)		Part II, Attachment L		Endangered Species
228	Part II	The term "Taking" means; collecting an endangered or threatened species or attempting to engage in such conduct	Informational	330.551(b)(3)		Part II, Attachment L		Endangered Species
229	Part II	Acknowledge that no solid waste unloading, storage, disposal, or processing operations shall occur within any easement, buffer zone, or right-of-way that crosses the facility	Acknowledgement	330.543(a)	Yes	Observed		Easements and Buffer Zone
240	Part II	Provide a design alternative that demonstrates equivalent control of odor & windblown waste	Required if Requested	330.543(b)(3)(B)(iii)	Yes	N/A		Easements and Buffer Zone

241	Part II	Provide a design alternative that demonstrates sufficient distance to meet drainage & sediment control requirements	Required if Requested	330.543(b)(3)(B)(iv)	Yes	N/A		Easements and Buffer Zone
242	Part II	The commission may not issue a permit for a Type IV landfill if: the proposed site is located within 100 feet of a canal that is used as a public drinking water source or for irrigation of crops used for human or animal consumption;	Informational	330.563(a)		N/A		Type I/Type IV Location Prohibitions
243	Part II	the proposed site is located in a county with a population of more than 225,000 that is located adjacent to the Gulf of Mexico; and	Informational	330.563(a)		Observed		Type I/Type IV Location Prohibitions
244	Part II	prior to final consideration of the application by the commission, the commissioners of the county in which the facility is located have adopted a resolution recommending denial of the application.	Informational	330.563(a)		Observed		Type I/Type IV Location Prohibitions
245	Part II	The commission may not issue a permit for a Type I or Type IV landfill, conversion of a Type I to a Type IV landfill, and conversion of a Type IV to a Type I landfill, if the landfill is located or proposed to be located adjacent to a county with a population of more than 3.3 million and inside the boundaries of a national forest, as designated by the United States Forest Service.	Informational	330.563(b)		Observed		Type I/Type IV Location Prohibitions
246	Part II	The limitations listed under Texas Health & Safety Code 361.123(a) - (c) does not apply to a permit or permit amendment requesting an areal expansion of an existing Type I municipal solid waste landfill.	Informational	330.563(b)		Observed		Type I/Type IV Location Prohibitions
247	Part II	Acknowledge if the landfill unit is located within 200 feet of a fault	Acknowledgement	330.555(a)	Yes	Acknowledged		Geology
248	Part II	Submit a demonstration, if the facility is less than 200 feet from a fault, to show that the structural integrity of the facility will not be damaged and be protective of human health and the environment	Required	330.555(a)	Yes	Part II, Attachment G		Geology
249	Part II	Submit detailed fault studies for operations located within areas that may be subject to differential subsidence or active geological faulting	Required	330.555(b)	Yes	Part II, Attachment G		Geology
250	Part II	Submit information for structural damage to constructed facilities such as roads, buildings, etc.	Required	330.555(b)(1)	Yes	Part II, Attachment G		Geology
251	Part II	Submit information about scarps in natural ground surface	Required	330.555(b)(2)	Yes	Part II, Attachment G		Geology
252	Part II	Submit information about the presence of surface depressions	Required	330.555(b)(3)	Yes	Part II, Attachment G		Geology
253	Part II	Submit information about lineations noted on aerial photographs and topographic maps	Required	330.555(b)(4)	Yes	Part II, Attachment G		Geology
254	Part II	Provide structural control of streams	Required	330.555(b)(5)	Yes	Part II, Attachment G		Geology
255	Part II	Submit information regarding vegetation changes	Required	330.555(b)(6)	Yes	Part II, Attachment G		Geology
256	Part II	Submit information for crude oil and natural gas accumulations;	Required	330.555(b)(7)	Yes	Part II, Attachment G		Geology
257	Part II	Submit information for electrical spontaneous potential & resistivity logs	Required	330.555(b)(8)	Yes	Part II, Attachment G		Geology
258	Part II	Submit information for earth electrical resistivity surveys	Required	330.555(b)(9)	Yes	Part II, Attachment G		Geology
259	Part II	Submit information for open cell excavations	Required	330.555(b)(10)	Yes	Part II, Attachment G		Geology
260	Part II	Submit information for any change in elevation of established benchmarks	Required	330.555(b)(11)	Yes	Part II, Attachment G		Geology
261	Part II	Submit references to published geological literature of area	Required	330.555(b)(12)	Yes	Part II, Attachment G		Geology
262	Part II	Provide location information to identify if the facility is located in a seismic impact zones	Required	330.557	Yes	Part II, Attachment G		Geology
263	Part II	Submit a demonstration, if the facility is located in a seismic impact zones, that the facility is designed to resist the maximum horizontal acceleration in lithified earth material.	Required	330.557	Yes	Part II, Attachment G		Geology
264	Part II	Provide location information to identify if the facility is located in unstable areas susceptible to natural or human-induced events or forces capable of impairing the integrity of the landfill components	Required	330.559	Yes	Part II, Attachment G		Geology

265	Part II	Submit a demonstration, if the facility is in an unstable area, that the design of the facility will not be disrupted	Required	330.559	Yes	Part II, Attachment G		Geology
266	Part II	Provide factors for determining unstable areas. Landfill units located in an unstable area shall demonstrate that engineering measures have been incorporated into the landfill unit's design	Required	330.559	Yes	Part II, Attachment G		Geology
267	Part II	Submit information for local soil conditions that may result in significant differential settling	Required	330.559(1)	Yes	Part II, Attachment G		Geology
268	Part II	Submit information for on-site local geologic or geomorphologic features	Required	330.559(2)	Yes	Part II, Attachment G		Geology
269	Part II	Identify local human-made features or events	Required	330.559(3)	Yes	Part II-Figure 2-5		Geology
270	Part III	Describe facility access control features	Required	330.63(b)(1)	Yes	Part III, Attachment D1, Figure D1.1		General Facility
271	Part III	Submit a process design for the facility [that includes items 330.63(b)(2)(A) through 330.63(b)(2)(I)]	Required	330.63(b)(2)	Yes	Part III, Attachment B		General Facility Design
272	Part III	Submit a flow diagram(s) to describe the storage, processing, and disposal sequences for each type of waste and/or	Required	330.63(b)(2)(A)	Yes	Part III. Attachment B, Figure B.1		General Facility Design
273	Part III	Submit a schematic view drawing(s) showing phases for collection, separation and processing/disposal of each type of waste and/or feedstock/recyclable material	Required	330.63(b)(2)(B)	Yes	Part III, Attachment B, Figure B.1 and Attachment D1		General Facility Design
274	Part III	Provide ventilation & odor control measures for each unit	Required	330.63(b)(2)(C)	Yes	Part III, Attachment B, Section 4.0		General Facility
275	Part III	Provide construction details of storage, processing units & components, dimensions, capacity, materials used, etc.	Required	330.63(b)(2)(D)	Yes	Part III, Attachment B, Section 3.0		General Facility Design
276	Part III	Provide performance data for all storage and processing units and ancillary equipment	Required	330.63(b)(2)(D)	Yes	Part III, Attachment B, Section 3.0		General Facility
285	Part III	Provide adequate floor drains and/or sumps	Required	330.63(b)(3)(D)	Yes	Part III, Attachment B, Section 3.0, Page B-5		General Facility Design
286	Part III	Describe proper disposal of liquids resulting from waste processing, cleaning, and washing and provide for the treatment of waste water	Required	330.63(b)(4)	Yes	Part III, Attachment B, Section 4.0		General Facility Design
287	Part III	Describe how facility will be designed to protect endangered species	Required	330.63(b)(5)	Yes	Part III, Attachment B, Section 6.0		General Facility
288	Part III	Acknowledge that the facility design complies with the requirements of 30 TAC 330.303(a) - (b)	Acknowledgement	330.63(c)	Yes	Part III, Attachment C, Section 1.0		Surface Water Drainage Report
289	Part III	Submit a surface water and drainage report that is in accordance with 30 TAC, Chapter 330, Subchapter G	Required	330.63(c)	Yes	Part III, Attachment C		Surface Water Drainage Report
290	Part III	Demonstrate that existing or permitted drainage patterns will not be adversely altered	Required	330.305(a)	Yes	Part III, Attachment C		Surface Water Drainage Report
291	Part III	Provide a design of the run-on control system to prevent 25 yr. storm run-on to active face	Required	330.305(b)	Yes	Part III, Attachment D6, Figure D6-A		Surface Water Drainage Report
292	Part III	Provide a design for run-off management system to, at a minimum, collect & control run-off at the active face from a 24 hr. 25 yr. storm event	Required	330.305(c)	Yes	Part III, Attachment D6, Figure D6-A		Surface Water Drainage Report
293	Part III	Provide erosion control of top dome & external embankment side slope surfaces during life and post-closure care of facility	Required	330.305(d)	Yes	Part III, Appendix C1-E and C1-F		Surface Water Drainage Report
294	Part III	Demonstrate estimated peak velocities for top surfaces and external embankment slopes to be less than the permissible non-erodible velocities under similar conditions	Required	330.305(d)(1)	Yes	Part III, Attachment C, Section 1.1		Surface Water Drainage Report
295	Part III	Provide a design for top surfaces and external embankment slopes to minimize erosion and not exceed the permissible soil loss	Required	330.305(d)(2)	Yes	Part III, Appendix C1-E and C1-F		Surface Water Drainage Report
296	Part III	Provide a design for drainage features, sizing and grading to prevent erosion, long term, low maintenance geotechnical stability to the final cover	Required	330.305(e)	Yes	Part III, Appendix C1-E and C1-F		Surface Water Drainage Report
297	Part III	Describe maintenance and repair procedures of the collection, drainage, and/or storage units	Required	330.305(e)(1)	Yes	Part III, Appendix C1-F		Surface Water Drainage Report
298	Part III	Provide interim erosion controls for phased development	Required	330.305(e)(2)	Yes	Part III, Appendix C1-F		Surface Water Drainage Report

299	Part III	Provide drainage calculations using Rational Method for areas 200 acres or less	Required	330.305(f)(1)	Yes	Drainage area is greater than 200 acres		Surface Water Drainage Report
300	Part III	Provide drainage calculations using w/ HEC Modeling Systems or equivalent for areas > 200 acres	Required	330.305(f)(2)	Yes	Part III, Attachment C1		Surface Water Drainage Report
301	Part III	Acknowledge that handling, storage, treatment, & disposal of contaminated surface or groundwater should be per 330.207	Acknowledgement	330.305(g)	Yes	Part III, Attachment D6, Section 2.2 and 2.3		Surface Water Drainage Report
302	Part III	Provide designs for contaminated water storage units	Required	330.305(g)	Yes	Part III, Attachment D6, Section 2.2		Surface Water Drainage Report
303	Part III	Provide drainage area drawing(s) & calculations	Required	330.63(c)(1)(A)	Yes	Part III, Attachment C1		Surface Water Drainage Report
304	Part III	Submit drainage area designs to include cross-sections for drainage facilities within the facility area	Required	330.63(c)(1)(B)	Yes	Part III, Appendix C1-D		Surface Water Drainage Report
305	Part III	Submit drainage area designs to include ditch grades	Required	330.63(c)(1)(B)	Yes	Part III, Appendix C1-D		Surface Water Drainage Report
306	Part III	Submit drainage area designs to include water flow rates, elevations, velocities, and flow line elevations	Required	330.63(c)(1)(B)	Yes	Part III, Appendix C1-D		Surface Water Drainage Report
307	Part III	Submit calculations verifying drainage patterns will not be adversely altered	Required	330.63(c)(1)(C)	Yes	Part III, Attachment C1		Surface Water Drainage Report
308	Part III	Submit and identify hydrologic method & calculations used to estimate peak flow rates and run-off volumes	Required	330.63(c)(1)(D)	Yes	Part III, Attachment C1		Surface Water Drainage Report
309	Part III	Submit and identify the 25-year rainfall intensity used for facility design including the source of the data	Required	330.63(c)(1)(D)(i)	Yes	Appendix C1-B, Page C1-B-15 and Appendix C1-C, Page C1-C-7		Surface Water Drainage Report
310	Part III	Submit and identify the 25-year rainfall intensity used for facility design including all other data used in conjunction with the selected hydrologic method. Their sources should be documented and described	Required	330.63(c)(1)(D)(i)	Yes	Appendix C1-B and Appendix C1-C		Surface Water Drainage Report
311	Part III	Submit and identify hydraulic calculations and designs for sizing the necessary collection, drainage, and/or detention facilities	Required	330.63(c)(1)(D)(ii)	Yes	Appendix C1-B and Appendix C1-C		Surface Water Drainage Report
312	Part III	Submit a discussion and analyses to demonstrate that existing drainage patterns will not be adversely altered as a result of the proposed landfill development	Required	330.63(c)(1)(D)(iii)	Yes	Attachment C		Surface Water Drainage Report
313	Part III	Submit structural designs of the collection, drainage, and/or storage facilities	Required	330.63(c)(1)(D)(iv)	Yes	Appendix C1-D and C1-E		Surface Water Drainage Report
314	Part III	Provide the location for the facility to identify whether the site is located within a 100-year floodplain. Indicate the 100-year floodplain on the drawing listed in paragraph 330.63(c)(1)(A) of this subsection	Required	330.63(c)(2)(A)	Yes	Part III, Attachment C1, Figures C1-1 and C1-2		Surface Water Drainage Report
315	Part III	Provide the source of all data for flood plain determination. The boundaries of the proposed landfill facility should be shown on the floodplain map	Required	330.63(c)(2)(B)	Yes	Part III, Attachment C2		Surface Water Drainage Report
316	Part III	Provide (if the site is located within the 100-year floodplain) information detailing the specific flooding levels. If the Preliminary Plan approval is not required under Chapter 301 of this title and Section 16.236 of Texas Water Code you may indicate that the checklist items relevant to Chapter 301 are not applicable	Required	330.63(c)(2)(C)	Yes	Part III, Attachment C2		Surface Water Drainage Report
317	Part III	The facility shall be protected from flooding by suitable levees constructed to provide protection from a 100-year frequency flood and in accordance with the rules of the commission relating to levee improvement districts and approval of plans for reclamation projects or the rules of the county or city having jurisdiction under Texas Water Code, §16.236, as implemented by Chapter 301, Subchapter C of this title (relating to Approval of Levees and Other Improvements)	Informational	330.307(a)		Part III, Attachment C2		Surface Water Drainage Report

318	Part III	Provide maps, plats, drawings, computations and narratives of landfill levees; the applicant should submit a detailed map	Required if Requested	301.33(a)(1)	Yes	Part III-Attachment D, Figure D-2 and Attachment C2		Surface Water Drainage Report
319	Part III	Provide the name and course of the river, stream, or other watercourse, which is associated with or would be affected by the proposed project	Required if Requested	301.33(a)(2)	Yes	Part III, Attachment C, Section 1.2	Cibolo Creek	Surface Water Drainage Report
320	Part III	Provide the location & ownership of existing levees, channels, dams, etc. that may be affected	Required if Requested	301.33(a)(3)	Yes	Part III, Attachment C2, Page C2-1	Existing landfill perimeter berm	Surface Water Drainage Report
321	Part III	Provide the location and ownership, including current mailing address of owners, and location, shown by map, of all properties lying within any proposed protected area	Required if Requested	301.33(a)(4)(A)	Yes	N/A		Surface Water Drainage Report
322	Part III	Provide a list of potentially affected property owners for notice adjacent to the proposed works or which may be affected by the project's alteration of the flood flows of the stream	Required if Requested	301.33(a)(4)(B)	Yes	Will be provided at conclusion of LOMR review		Surface Water Drainage Report
323	Part III	Provide a project design based on a statistical 100-year flood as a minimum. Flood level data available from state or federal agencies or other sources shall be provided for consideration in the selection of design flood frequency and elevation	Required if Requested	301.33(b)(1)	Yes	Part III, Attachment C2		Surface Water Drainage Report
324	Part III	Provide plans to demonstrate the effects the proposed project will impose on existing flood conditions. This shall be illustrated by floodwater surface-elevation profiles and design-flood delineations of the floodplain with and without the project in place	Required if Requested	301.33(b)(2)	Yes	Part III, Attachment C2		Surface Water Drainage Report
325	Part III	Provide additional flood water surface-elevation profiles and design-flood delineations of the floodplain with the project in place and with a comparable levee or landfill on the opposite site of the stream if such do not exist	Required if Requested	301.33(b)(3)	Yes	not plausible with the existing creek section		Surface Water Drainage Report
326	Part III	Submit plans for levees that include structural integrity	Required if Requested	301.34(1)	Yes	Part III, Attachment D5, Appendix D5-B	Stability calculations include perimeter berm	Surface Water Drainage Report
327	Part III	Submit plans that show compatibility with existing hydraulic conditions.	Required if Requested	301.34(2)	Yes	Part III, Attachment C2		Surface Water Drainage Report
328	Part III	Submit a design that any proposed levee or other improvement will not increase flooding or divert waters in such a way that any person's life or property will be endangered or subjected to significantly increased flooding	Required if Requested	301.34(3)	Yes	Part III, Attachment C2		Surface Water Drainage Report
329	Part III	The rights of third parties affected by a proposed levee or other improvement must be considered	Informational	301.34(4)		Acknowledged		Surface Water Drainage Report
330	Part III	The commission and the executive director shall assure that, as far as possible, levees or other improvements shall be designed with primary consideration to the topographic and hydrographic conditions, and in such a manner that each division of a project shall be a complete, united project forming a coordinate part of an ultimately finished series of projects, so constituted that the successful operation of each united project shall coordinate with the successful operation of other projects within the same hydraulic influence	Informational	301.34(5)		Acknowledged		Surface Water Drainage Report
331	Part III	Provide a minimum freeboard of three feet above the 100-year design flood hydraulic gradient where levees furnish protection for urbanized or developing areas	Required if Requested	301.34(6)	Yes	Part III, Attachment C2		Surface Water Drainage Report
332	Part III	levees must not significantly restrict the flow of a 100-year frequency flood nor significantly reduce the temporary water storage capacity of the 100-year floodplain	Informational	330.307(b)(2)		Acknowledged		Surface Water Drainage Report
333	Part III	The executive director may request any additional pertinent information from the applicant	Required if Requested	301.35	Yes	Acknowledged		Surface Water Drainage Report
334	Part III	Submit plans with PE design, signed & sealed	Required if Requested	301.36	Yes	See Part III		Surface Water Drainage Report

335	Part III	Submit, if constructed in a floodplain, the Preliminary Plan approval (along with the submitted application) from the governmental entity with jurisdiction under Texas Water Code, §16.236, as implemented by Chapter 301	Required if Requested	330.63(c)(2)(D)(i)	Yes	Part III, Attachment C2		Surface Water Drainage Report
341	Part III	Provide a design to control and contain spills and contaminated water from leaving the facility. Unenclosed containment areas shall also account for precipitation from a 25-year, 24-hour rainfall event	Required	330.63(d)(1)(B)	Yes	Part III, Attachment D6		Waste Management Unit Design
342	Part III	Provide the maximum amount of time processed and unprocessed waste are to remain on site	Required	330.63(d)(1)(C)	Yes	Part III, Attachment B, Section 3.0		Waste Management Unit Design
343	Part III	Submit an estimate of the amount and planned method for testing and final disposal of incinerator ash, and an estimate of the volume and method of treatment for process water	Required	330.63(d)(2)	Yes	Not Applicable to this application		Waste Management Unit Design
344	Part III	Provide design specifications; including a plan view and a cross-section for surface impoundments	Required	330.63(d)(3)(A)	Yes	Not Applicable to this application		Waste Management Unit Design
345	Part III	Provide a design that maintains the minimum freeboard and the basis of the design to prevent overtopping from a 25-year, 24-hour rainfall event	Required	330.63(d)(3)(B)	Yes	Not Applicable to this application		Waste Management Unit Design
346	Part III	Provide a liner quality control plan for surface impoundments per 30 TAC 330.339	Required	330.63(d)(3)(C)	Yes	Not Applicable to this application		Waste Management Unit Design
347	Part III	Provide all-weather operation during wet weather. Include interior access road locations and the type of surfacing on a facility plan. Provide control to minimize the tracking of mud onto the public road	Required	330.63(d)(4)(A)	Yes	Part III, Attachment D, Section 3.1		Waste Management Unit Design
348	Part III	Provide the landfill method proposed (e.g., moving-face cell trench, area fill, etc.)	Required	330.63(d)(4)(B)	Yes	Part III, Attachment D, Section 3.2		Waste Management Unit Design
349	Part III	Provide the elevation of deepest excavation, maximum elevation of waste, and maximum elevation of final cover	Required	330.63(d)(4)(C)	Yes	Part III, Attachment D, Section 1.0		Waste Management Unit Design
350	Part III	Provide a calculation for the estimated rate of solid waste deposition and operating life of the landfill unit	Required	330.63(d)(4)(D)	Yes	Part III, Attachment D4		Waste Management Unit Design
351	Part III	Provide cross-sections showing the top of the levee, top of the proposed fill, and top of the wastes	Required	330.63(d)(4)(E)	Yes	Part III, Attachment D2		Waste Management Unit Design
352	Part III	Provide sufficient number of cross-section w/ inset key map showing maximum elevation of proposed fill, existing ground, bottom of the excavations, and side slopes of trenches and fill areas	Required	330.63(d)(4)(E)	Yes	Part III, Attachment D2		Waste Management Unit Design
364	Part III	Submit for a liner design that considers the proximity and withdrawal rate of the groundwater users	Required	330.331(c)	Yes	Not Applicable to this application		Waste Management Unit Design
365	Part III	Submit for a liner design that considers the availability of alternative drinking water supplies;	Required	330.331(c)	Yes	Not Applicable to this application		Waste Management Unit Design
366	Part III	Submit for a liner design that considers the existing quality of the groundwater, including other sources of contamination and their cumulative impacts on the groundwater and whether groundwater is currently used or reasonably expected to be used for drinking water;	Required	330.331(c)	Yes	Not Applicable to this application		Waste Management Unit Design
372	Part III	Landfill units that accept Class 1 industrial solid wastes, other than asbestos-containing material, must provide dedicated cells that meet the requirements prescribed under 30 TAC 330.331(e) through (e)(2)(C)	Informational	330.331(e)		Not Applicable to this application		Waste Management Unit Design
373	Part III	Demonstrate location compliance for a new landfill cell or an aerial expansion of an existing landfill cell as prescribed under 335.584(b)(1) and (2) relating to Location Restrictions.	Required if Requested	330.331(e)(3)	Yes	Not Applicable to this application		Waste Management Unit Design

374	Part III	Provide a design for a leachate-collection and associated leachate-removal systems to be constructed of materials that are chemically resistant to the leachate expected to be generated	Required	330.333	Yes	Not Applicable to this application		Waste Management Unit Design
375	Part III	Provide a design for a leachate-collection and associated leachate-removal systems to be constructed of sufficient strength and thickness to prevent collapse under the pressures exerted by overlying wastes, waste cover materials, and by any equipment used at the landfill	Required	330.333	Yes	Not Applicable to this application		Waste Management Unit Design
376	Part III	Provide a design for a leachate-collection and associated leachate-removal systems to be designed and operated to function through the scheduled closure and post-closure care period of the landfill considering the factors prescribed under 30 TAC 330.333(A) through (G)	Required	330.333(A)-(G)	Yes	Not applicable to this Type IV facility		Waste Management Unit Design
377	Part III	Submit an alternative liner designs that include a leachate management system, a demonstration by computerized design modeling that the maximum contaminant levels detailed in 30 TAC §330.331 of this title (relating to Design Criteria), Table 1 will not be exceeded at the point of compliance	Required if Requested	330.335	Yes	N/A		Waste Management Unit Design
378	Part III	Type IV landfills may be required to meet one or more provisions under 330.337 at ED's discretion	Informational	330.337(a)		N/A	All cells have been previously constructed	Waste Management Unit Design
379	Part III	Submit calculations to demonstrate that the weight of liner & any ballast will offset uplift by a factor of 1.2	Required	330.337(b)(1)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
380	Part III	Submit calculations to demonstrate that an active or passive dewatering system will reduce hydrostatic forces by a factor of 1.2	Required	330.337(b)(2)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
381	Part III	Provide evidence to demonstrate that the soil surrounding the facility is so poorly permeable that GW cannot exert force on liner	Required if Requested	330.337(b)(3)	Yes	N/A		Waste Management Unit Design
382	Part III	Submit evidence that the seasonal high GW is below planned excavation	Required if Requested	330.337(b)(4)	Yes	Attachment F		Waste Management Unit Design
383	Part III	Provide for liner stability during filling through dewatering &/or ballasting approved by ED	Required	330.337(c)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
384	Part III	Provide a leachate collection system capable of handling leachate and groundwater inflow. Submit the calculations for maximum GW inflow	Required	330.337(d)	Yes	Not applicable to this Type IV facility		Waste Management Unit Design
385	Part III	Provide a foundation evaluation that considers the stability, settlement, and constructability prior to excavating below the seasonal high water table	Required	330.337(e)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
386	Part III	Provide a liner quality control plan to include methods & tests to verify liner will not uplift during construction & ballast placement	Required	330.337(f)(1)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
387	Part III	Provide measurements & test results verifying that the ballast meets criteria including inspections, compaction, weight, density, thickness, & top elevation	Required	330.337(f)(2)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
388	Part III	Provide designs for any dewatering systems used for liner construction and filling, and indicate that the system will be operated until the ED determines it is no longer required	Required if Requested	330.337(g)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
389	Part III	Submit (if waste is to be used as ballast) an operating plan that provides for no brush or large items in first 5 ft. of thickness	Required if Requested	330.337(h)(1)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
390	Part III	Provide (if waste is to be used as ballast) for the use of a 40,000 lb. compactor or equivalent to achieve a 1,200 lbs. per cubic yard density	Required if Requested	330.337(h)(2)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
391	Part III	Submit (if waste is to be used as ballast) methods for verifying waste as ballast compaction density not less than 1200 lbs. per cubic yard, No method is required if a 40,000 lb. compactor is used	Required if Requested	330.337(h)(3)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design

392	Part III	Submit a ballast evaluation report that verifies the use of a 40,000 lb. compactor or that 1,200 lbs. per cubic yard density was achieved and must be sufficient to offset hydrostatic forces by a factor of 1.5	Required if Requested	330.337(h)(4)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
393	Part III	Provide for the adjustment of seasonal high water table, if necessary, as new data is collected	Required	330.337(i)	Yes	N/A	All cells have been previously constructed	Waste Management Unit Design
394	Part III	Acknowledge that a ballast evaluation report will be submitted upon completion of placement. If ED does not respond within 14 days, discontinue dewatering or ballasting	Acknowledgement	330.337(j)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
395	Part III	Acknowledge that a ballast evaluation report will be submitted to verify that the liner did not undergo uplift	Acknowledgement	330.337(j)(1)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
396	Part III	Acknowledge that a certification that ballasting met the criteria will be submitted and signed and sealed by a P.E, and signature of permittee	Acknowledgement	330.337(j)(2)-(3)	Yes	Not constructed below the groundwater elevation.		Waste Management Unit Design
397	Part III	Provide a liner quality control plan prepared under the direction of a licensed professional engineer.	Informational	330.339(a)		Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
398	Part III	Provide in the liner quality control plan procedures that address the installation and testing of a geomembrane liner, if used	Required	330.339(a)	Yes	Not Applicable-no synthetic liner is required		Waste Management Unit Design
399	Part III	Submit constructed liner details, depicted on cross-sections of a typical cell showing the slope, widths, and thicknesses for compaction lifts	Required	330.339(a)(1)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
400	Part III	Provide soil and liner quality-control testing procedures, to include sampling frequency, all field sampling and testing, both during construction and after completion	Required	330.339(a)(2)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
401	Part III	Acknowledge that the professional of record who signs the soil liner evaluation report or his representative should be on site during all liner construction.	Acknowledgement	330.339(a)(2)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
402	Part III	Acknowledge that quality control of construction and quality assurance of sampling and testing procedures shall follow the latest technical guidelines of the executive director.	Acknowledgement	330.339(a)(2)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
403	Part III	Provide testing and reporting evaluation procedures to prepare the soil liner evaluation reports for the facility	Required	330.339(b)(1)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
404	Part III	Submit information to specify materials, equipment, and construction methods for the compaction of clay soils and depict on a drawing	Required	330.339(b)(2)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
405	Part III	Submit details and drawings for the over excavation and recompaction of the in-situ soils, or the compaction of soils from a borrow source, and cross-sections of a typical cell showing the slope, widths, and thicknesses for compaction lifts	Required	330.339(b)(2)(A)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
406	Part III	Submit procedures to be followed when excavations, cells, or disposal areas extend into or have the potential to extend into the groundwater; in accordance with 30 TAC 330.337	Required	330.339(b)(2)(B)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
407	Part III	Provide a description of installation methods, quality control testing, reporting, following the placement of geomembrane liners	Required	330.339(b)(3)	Yes	N/A	No geomembrane liner	Waste Management Unit Design
408	Part III	Provide quality control testing frequencies and procedures that are in accordance with the executive director's most recent guidelines	Required	330.339(c)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
409	Part III	Provide a description of field sampling and testing procedures, both during construction and after completion of the lining, to be performed by a qualified professional	Required	330.339(c)(1)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
410	Part III	Provide for continuous on-site inspection during construction of the liner by the professional of record or his designated representative	Required	330.339(c)(2)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design

411	Part III	Provide information to indicate the amount of compaction of clay liners expressed as a percentage of a maximum dry density based on a compaction test. Compaction shall have a coefficient of permeability of 1 x 10-7 centimeters per second (cm/sec) or less	Required	330.339(c)(3)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
412	Part III	Submit and define the frequency of testing These frequencies shall be expressed in numbers of tests per specific area of liner per lift or specific thickness of liner	Required	330.339(c)(4)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
413	Part III	Provide for laboratory permeability tests. Tests shall be either constant head with back pressure or falling head tests	Required	330.339(c)(4)(A)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
414	Part III	Provide for permeability tests to include; sieve analysis, Atterberg limits, moisture-density relationships, moisture content, and thickness verification	Required	330.339(c)(4)(B) – (F)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
415	Part III	Provide for soils used as constructed liners to have a plasticity index--equal to or greater than 15; a liquid limit--equal to or greater than 30; percent passing 200 mesh sieve (-200) equal to or greater than 30%; percent passing one-inch screen--100%; and coefficient of permeability less than or equal to 1 x 10-7 cm/sec	Required	330.339(c)(5)(A)-(E)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
416	Part III	Acknowledge that permeability tests for proving the suitability of soils to be used in constructing clay liners shall be performed in the laboratory	Acknowledgement	330.339(c)(6)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
417	Part III	Provide field quality control with field density tests based on moisture-density compaction curves, Atterberg limits, and lab permeabilities of undisturbed field samples	Required	330.339(c)(6)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
418	Part III	Provide field permeability testing of in-situ soils or constructed soil liners for the floor of the excavation, in accordance with ASTM D5093	Required	330.339(c)(7)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
419	Part III	Provide field permeability testing of in-situ soils or constructed soil liners for sidewalls, in accordance with a variation of the Boutwell STEI field permeability test	Required	330.339(c)(7)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
420	Part III	Provide for quality control testing of soil liners to be performed during the construction of the liner	Required	330.339(c)(8)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
421	Part III	Provide for all soil testing and evaluation of in-situ soil or constructed soil liners to be completed prior to installing the leachate collection system	Required	330.339(c)(9)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
422	Part III	Calculate soil and liner density as a percentage of the maximum dry density and at the corresponding optimum moisture content. Soils tests must demonstrate a coefficient of permeability no greater than 1 x 10-7 cm/sec.	Required	330.339(d)	Yes	Part III, Attachment D7	All cells have been previously constructed	Waste Management Unit Design
469	Part III	Provide a description of the liner system used for excavated waste storage, processing, and screening areas to control seepage and runoff	Required	330.63(d)(7)(C)	Yes	N/A		Waste Management Unit Design
470	Part III	a description of how waste excavation activities will comply with the minimum design and operation requirements of §330.149, §330.151, §330.165, §330.167	Required	330.63(d)(7)(D)	Yes	N/A		Waste Management Unit Design
471	Part III	The facility size shall be limited to a liquid waste processing rate no greater than 10,000 gallons per day	Informational	330.63(d)(9)(A)		N/A		Waste Management Unit Design
472	Part III	Provide documentation that the facility design and operation will be coordinated with a consultant connected with an accredited college or university or with a consultant that has demonstrated the ability to carry out scientific experiments for demonstrating new and unproven waste handling methods and submitted to the executive director.	Required	330.63(d)(9)(B)	Yes	N/A	This is not a Type VI facility	Waste Management Unit Design
473	Part III	Indicate that the owner or operator shall submit to the executive director an annual and final status report to document the viability of the method being demonstrated. The report, at a minimum, must document the effluent standards and solid waste standards achieved.	Required	330.63(d)(9)(B)	Yes	N/A	This is not a Type VI facility	Waste Management Unit Design

474	Part III	Submit a Geology Report, prepared and signed by a qualified groundwater scientist and includes a geologic map of the region with text describing the stratigraphy and lithology of the map units.	Required	330.63(e)&(1)(A)	Yes	Part III, Attachment E		Geology Report
475	Part III	Provide a description of the generalized stratigraphic column in the facility area. Regional stratigraphic cross-sections should be provided and must include elements listed in 330.63(e)(1)(B).	Required	330.63(e)(1)(B)	Yes	Part III, Attachment E, Section 3.1.1, Figure 3-2		Geology Report
476	Part III	Provide a description of geologic active processes, faulting, subsidence	Required	330.63(e)(2)	Yes	Part III, Attachment E, Section 3.1.1		Geology Report
477	Part III	Provide a description of the regional aquifers in the vicinity of the facility based upon published and open-file sources	Required	330.63(e)(3)(A)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
478	Part III	Provide a description for the composition of the aquifer(s)	Required	330.63(e)(3)(B)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
479	Part III	Provide the hydraulic properties of the aquifer(s)	Required	330.63(e)(3)(C)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
480	Part III	Submit information on whether the aquifers are under water table or artesian conditions.	Required	330.63(e)(3)(D)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
481	Part III	Submit information for the hydraulic connectivity of aquifers	Required	330.63(e)(3)(E)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
482	Part III	Provide a regional water-table contour map or potentiometric surface map for each aquifer, if available;	Required	330.63(e)(3)(F)	Yes	Part III, Attachment E, Figure 3-6		Geology Report
483	Part III	Provide an estimate of the rate of groundwater flow	Required	330.63(e)(3)(G)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
484	Part III	Provide the typical values or a range of values for total dissolved solids content of groundwater from the aquifers	Required	330.63(e)(3)(H)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
485	Part III	Identify recharge areas to the aquifers within five miles of the site	Required	330.63(e)(3)(I)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
486	Part III	Identify what groundwater, withdrawn from vicinity aquifers is used for and provide the ID, location, & aquifer of each well within one mile of the facility	Required	330.63(e)(3)(J)	Yes	Part III, Attachment E, Section 3.1.3		Geology Report
487	Part III	Provide the results of investigations of subsurface conditions. This report must describe all borings drilled on site to test soils and characterize groundwater and must include a site map drawn to scale showing the surveyed locations and elevations of the borings	Required	330.63(e)(4)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report
488	Part III	Provided a sufficient no. of borings to characterize subsurface geology.	Required	330.63(e)(4)(A)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report
489	Part III	Provide for borings to be sufficiently deep to identify uppermost aquifer, hydraulically connected aquifers, and underlying aquiclude; See Figure: 30 TAC §330.63(e)(4)(B)	Required	330.63(e)(4)(B)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report
490	Part III	Provide all borings to be conducted in accordance with established field exploration methods	Required	330.63(e)(4)(C)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report
491	Part III	Provide GW well installation, abandonment, and plugging	Required	330.63(e)(4)(D)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report
492	Part III	Number of borings & depth may be modified with ED approval	Informational	330.63(e)(4)(E)		Part III, Attachment E, Section 3.1.4		Geology Report
493	Part III	Electrical resistivity information may be used to reduce the number of borings with ED approval	Informational	330.63(e)(4)(F)		Part III, Attachment E, Section 3.1.4		Geology Report
494	Part III	Submit cross-sections prepared from the borings; depicting the generalized strata at the facility. For small waste management units, two perpendicular cross-sections will normally suffice	Required	330.63(e)(4)(G)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report
495	Part III	Provide a narrative that describes the investigator's interpretations of the subsurface stratigraphy based upon the field investigation	Required	330.63(e)(4)(H)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report
496	Part III	Provide geotechnical data that describes the geotechnical properties of the subsurface soil materials and a discussion with conclusions about the suitability of the soils and strata	Required	330.63(e)(5)	Yes	Part III, Attachment E, Section 3.1.4		Geology Report

497	Part III	Provide a laboratory report of soil characteristics determined from at least one sample from each soil layer or stratum that will form the bottom and side of the proposed excavation and from those that are less than 30 feet below the lowest elevation of the proposed excavation	Required	330.63(e)(5)(A)	Yes	Part III, Attachment E, Section 3.1.5		Geology Report
498	Part III	Provide permeability tests to be performed according to one of the standards on undisturbed soil samples. All test results shall indicate the type of tests used and the orientation of each tested sample.	Required	330.63(e)(5)(B)	Yes	Part III, Attachment E, Section 3.1.5		Geology Report
499	Part III	Submit test results for constant head w/ back pressure	Required	330.63(e)(5)(B)(i)	Yes	Part III, Attachment E, Section 3.1.5		Geology Report
500	Part III	Submit test results for falling head	Required	330.63(e)(5)(B)(ii)	Yes	N/A	Constant head method used for permeability testing	Geology Report
501	Part III	Submit test results for sieve analysis	Required	330.63(e)(5)(B)(iii)	Yes	Part III, Attachment E, Section 3.1.5		Geology Report
502	Part III	Submit test results for Atterberg limits	Required	330.63(e)(5)(B)(iv)	Yes	Part III, Attachment E, Section 3.1.5		Geology Report
545	Part III	Indicate that a characterization of the contaminated groundwater, including concentrations of assessment constituents as defined in §330.409	Required	330.63(f)(7)(A)	Yes	Part III, Attachment F, Section 3.1		Groundwater Sampling & Analysis Plan
546	Part III	Indicate that concentration limits for each constituent will be submitted	Required	330.63(f)(7)(B)	Yes	Part III, Attachment F, Section 3.1.3		Groundwater Sampling & Analysis Plan
547	Part III	Indicate that plans & an engineering report describing corrective action will be submitted	Required	330.63(f)(7)(C)	Yes	Part III, Attachment F, Appendix F-2, Section XI		Groundwater Sampling & Analysis Plan
548	Part III	Submit a description of how the monitoring program will demonstrate adequacy of corrective action	Required	330.63(f)(7)(D)	Yes	Part III, Attachment F, Appendix F-2, Section XI		Groundwater Sampling & Analysis Plan
549	Part III	Submit a schedule for submitting information required by 330.63(f)(7)(C) & (D)	Required	330.63(f)(7)(E)	Yes	Part III, Attachment F, Appendix F-2, Section XII		Groundwater Sampling & Analysis Plan
550	Part III	Criteria to determine if the facility is exempt from groundwater monitoring	Informational	330.401(a)-(c)		Acknowledged		Groundwater Sampling & Analysis Plan
551	Part III	Submit criteria for suspension of groundwater monitoring; the demonstration for suspension shall be certified by a qualified groundwater scientist and approved by the executive director	Required if Requested	330.401(d)	Yes	Acknowledged		Groundwater Sampling & Analysis Plan
552	Part III	Submit for suspension demonstration site specific data affecting contaminant fate & transport	Required	330.401(d)(1)	Yes	N/A	Not requesting suspension of groundwater monitoring	Groundwater Sampling & Analysis Plan
554	Part III	Provide for new solid waste management units a documented certification signed by a qualified groundwater scientist that the facility is in compliance with the groundwater monitoring requirements	Required	330.401(e)	Yes	N/A	Existing solid waste management unit	Groundwater Sampling & Analysis Plan
555	Part III	Acknowledge that groundwater monitoring must be conducted throughout the active life and any required post-closure care period	Acknowledgement	330.401(f)	Yes	Part III, Attachment F, Section 3.1.1		Groundwater Sampling & Analysis Plan
556	Part III	Submit a GW monitoring system with sufficient no. of wells, location, depth to yield representative GW samples	Required	330.403(a)	Yes	Part III, Attachment F		Groundwater Sampling & Analysis Plan
557	Part III	Provide information on background wells used to determine background GW quality	Required	330.403(a)(1)	Yes	Part III, Attachment F, Section 3.1.1		Groundwater Sampling & Analysis Plan
558	Part III	Provide/identify the point of compliance wells not >600 ft. unless modeling demonstration approved	Required	330.403(a)(2)	Yes	N/A	Well spacing not applicabl to Type IV landfills	Groundwater Sampling & Analysis Plan
559	Part III	Provide, if a multi-unit GW monitoring system is proposed; the number, spacing, and orientation of the solid waste management units within an overall waste management area; hydrogeologic setting; site history; engineering design of the units; and type of waste accepted at the units	Required	330.403(b)(1)-(5)	Yes	N/A	only single waste disposal unit	Groundwater Sampling & Analysis Plan
560	Part III	The executive director may approve an alternative design for a groundwater monitoring system that uses other means in conjunction with monitoring wells	Informational	330.403(c)		Acknowledged		Groundwater Sampling & Analysis Plan
561	Part III	Acknowledge that all parts of a groundwater monitoring system shall be operated and maintained so that they perform at least to design specifications	Acknowledgement	330.403(d)	Yes	Part III, Attachment F, Section 3.1.2		Groundwater Sampling & Analysis Plan

562	Part III	Provide a design certified by a qualified groundwater scientist.	Required	330.403(e)	Yes	Part III, Attachment F		Groundwater Sampling & Analysis Plan
563	Part III	Provide the design of the monitoring system to be based on site-specific technical information	Required	330.403(e)(1)	Yes	Part III, Attachment F		Groundwater Sampling & Analysis Plan
564	Part III	Multi-dimensional fate & transport model may be used to support sampling point locations	Informational	330.403(e)(2)		Acknowledged		Groundwater Sampling & Analysis Plan
565	Part III	Provide if a multi-dimensional model is proposed, documentation of the model's ability to represent GW flow & contaminant transport	Required	330.403(e)(2)(A)	Yes	N/A	Multi-dimensional model is not propsed for use at Beck Landfill	Groundwater Sampling & Analysis Plan
566	Part III	Provide if a multi-dimensional model is proposed, a sound set of equations based on accepted theory	Required	330.403(e)(2)(B)	Yes	N/A	Multi-dimensional model is not propsed for use at Beck Landfill	Groundwater Sampling & Analysis Plan
567	Part III	Provide if a multi-dimensional model is proposed, a numerical solution methods based on mathematical principals with verification & checking techniques	Required	330.403(e)(2)(C)	Yes	N/A	Multi-dimensional model is not propsed for use at Beck Landfill	Groundwater Sampling & Analysis Plan
568	Part III	Provide if a multi-dimensional model is proposed, a model calibrated against site-specific field data	Required	330.403(e)(2)(D)	Yes	N/A	Multi-dimensional model is not propsed for use at Beck Landfill	Groundwater Sampling & Analysis Plan
569	Part III	Provide if a multi-dimensional model is proposed, a sensitivity analysis for major parameters	Required	330.403(e)(2)(E)	Yes	N/A	Multi-dimensional model is not propsed for use at Beck Landfill	Groundwater Sampling & Analysis Plan
570	Part III	Provide if a multi-dimensional model is proposed, mass-balance calculations	Required	330.403(e)(2)(F)	Yes	N/A	Multi-dimensional model is not propsed for use at Beck Landfill	Groundwater Sampling & Analysis Plan
571	Part III	Provide if a multi-dimensional model is proposed, a model based on field or lab measurements that document validity of parameter values	Required	330.403(e)(2)(G)	Yes	N/A	Multi-dimensional model is not propsed for use at Beck Landfill	Groundwater Sampling & Analysis Plan
572	Part III	Acknowledge that the owner or operator shall promptly notify the executive director, and any local pollution agency with jurisdiction that has requested to be notified, in writing of changes in facility construction or operation or changes in adjacent property that affect or are likely to affect the direction and rate of groundwater flow and the potential for detecting groundwater contamination from a solid waste management unit and that may require the installation of additional monitoring wells or sampling points and that such additional wells or sampling points require a modification of the site development plan	Acknowledgement	330.403(e)(3)	No			Groundwater Sampling & Analysis Plan
574	Part III	Submit GW sampling & analysis plan prior to sampling, place a copy of the approved plan in the operating record	Required	330.405(b)	Yes	Psrt III, Attachment F, Appendix F-2		Groundwater Sampling & Analysis Plan
575	Part III	Provide procedures for sample collection, preservation & shipping, analytical procedures, COC control, & QA/QC	Required	330.405(b)(1)	Yes	Psrt III, Attachment F, Appendix F-2		Groundwater Sampling & Analysis Plan
629	Part III	ED may establish alternative inorganic list, add organic or inorganic constituents based on consideration of the following	Informational	330.419(c)		Acknowledged		Groundwater Sampling & Analysis Plan
630	Part III	Types, concentrations, quantities, persistence of waste constituents	Informational	330.419(c)(1)		Acknowledged		Groundwater Sampling & Analysis Plan
631	Part III	Mobility, stability, persistence of constituents & their reaction products	Informational	330.419(c)(2)		Acknowledged		Groundwater Sampling & Analysis Plan
632	Part III	Detectability of indicator & waste constituents & reaction products in groundwater	Informational	330.419(c)(3)		Acknowledged		Groundwater Sampling & Analysis Plan
633	Part III	Concentrations & coefficients of variability of parameters or constituents in the groundwater background	Informational	330.419(c)(4)		Acknowledged		Groundwater Sampling & Analysis Plan
634	Part III	Provide for the construction of monitoring wells to provide integrity, representative samples, prevent migration of water in bore hole, well construction must follow prescribed specifications	Required	330.421(a)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
635	Part III	Provide that wells to be drilled by a qualified TX licensed drill & supervised by PG or PE	Required	330.421(a)(1)(A)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan

636	Part III	Provide a drilling method that shall not introduce contaminants. If fluid used in drilling, then use clean city water unless approved by ED. If water used provide analysis	Required	330.421(a)(1)(B)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
637	Part III	Provide borings to be at least 4 in. larger than casing. If boring in rock, a smaller annulus may be approved by the executive director	Required	330.421(a)(1)©	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
638	Part III	Provide a log of boring, signed, sealed & dated by PG or PE	Required	330.421(a)(1)(D)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
639	Part III	Provide designs for casing, screen, filter pack, & seal	Required	330.421(a)(2)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
640	Part III	Provide casing specifications; the casing should be 2 to 4 inch schedule 40 or 80 PVC, and must meet other requirements of 30 TAC §330.421(a)(2)(A)	Required	330.421(a)(2)(A)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
641	Part III	Provide screen specifications that are compatible with the casing and does not include glue, solvents, field-cut slots or filter cloths	Required	330.421(a)(2)(B)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
642	Part III	Provide filter pack specifications – clean silica sand or glass, 1 to 4 ft. above screen, etc.	Required	330.421(a)(2)(C)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
643	Part III	Provide annular seal specifications – 2 ft. thick, placed in zone of saturation, etc.	Required	330.421(a)(2)(D)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
644	Part III	Provide casing seal specifications – placed on top of annular seal, bentonite grout or cement-bentonite mix, etc.	Required	330.421(a)(2)(E)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
645	Part III	Provide specifications for the concrete pad to be placed on top of the casing seal, including the type of structural concrete used from casing seal to surface	Required	330.421(a)(3)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
646	Part III	Provide protective collar specifications – steel collar around casing, set 1 ft. into surface pad, etc.	Required	330.421(a)(4)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
647	Part III	Provide protective barrier specifications – 3 to 4 6-12 in. diameter pipes set in concrete, other types of barriers may be approved by ED	Required	330.421(a)(5)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
648	Part III	Acknowledge that when wells are installed in unusual conditions, all aspects must be approved in writing by the ED	Acknowledgement	330.421(b)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
649	Part III	Provide the removal of artifacts once monitoring well is installed and open water-bearing zones for max flow into well	Required	330.421(c)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
650	Part III	Identify well location & elevation surveyed, permanently marked	Required	330.421(d)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
651	Part III	Provide a well installation report to be submitted within 60 days of completion including boring log, description of development procedures, any sample data & sit map showing location	Required	330.421(e)	Yes	Part III, Attachment F, Section 3.1.4		Groundwater Sampling & Analysis Plan
652	Part III	Provide a Landfill Gas Management Plan to comply with Subchapter I	Required	330.63(g)	Yes	Part III. Attachment G		Landfill Gas Management Plan
653	Part III	Submit information to specify that methane concentration cannot exceed 1.25% by volume in facility structures	Required	330.371(a)(1)	Yes	Part III. Attachment G, Section 1.0		Landfill Gas Management Plan
654	Part III	Submit information to specify that methane concentrations cannot exceed 5% by volume at permitted boundary wells, probes, subsurface soils, or other matrices	Required	330.371(a)(2)	Yes	Part III. Attachment G, Section 1.0		Landfill Gas Management Plan
655	Part III	Provide a plan to implement routine methane monitoring where the type and frequency of monitoring is based on soil, hydrogeologic, and hydraulic conditions	Required	330.371(b)(1)(A)-(C)	Yes	Part III. Attachment G, Section 1.0		Landfill Gas Management Plan
656	Part III	Provide a plan to implement routine methane monitoring where the type and frequency of monitoring is based on locations of facility structures, property boundaries and utility or pipelines that cross the facility boundary	Required	330.371(b)(1)(D)&(E)	Yes	Part III. Attachment G, Section 1.0		Landfill Gas Management Plan
657	Part III	Indicate that methane monitoring will be conducted, at a minimum, quarterly.	Required	330.371(b)(2)	Yes	Part III. Attachment G, Section 3.0		Landfill Gas Management Plan

659	Part III	Indicate that the records of the concentrations detected and description of steps to be taken to protect human health will be placed in the operating record within 7 days of detection	Required	330.371(c)(2)	Yes	Part III. Attachment G, Section 3.0		Landfill Gas Management Plan
660	Part III	Indicate that a remediation plan will implemented within 60 days of detection that describes the nature, extent of the problem, and the proposed remedy, The ED may require additional remedial measures	Required	330.371(c)(3)	Yes	Part III. Attachment G, Section 3.0		Landfill Gas Management Plan
661	Part III	Indicate that the ED may establish alternative schedule for monitoring & exceedance actions	Required	330.371(d)	Yes	Part III. Attachment G, Section 3.0		Landfill Gas Management Plan
662	Part III	Provide for continuing methane monitoring and control for 30 yrs. after certification of final closure for Type I & IAE facilities. & 5 yrs. for Type IV & IVAE. Gas monitoring may be reduce with an approved no gas migration demonstration	Required	330.371(e)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
663	Part III	Provide for continuing methane monitoring and control for 30 yrs. after certification of final closure for Type I & IAE facilities.	Required	330.371(e)	Yes	N/A		Landfill Gas Management Plan
664	Part III	Provide for continuing methane monitoring and control for 5 yrs. after certification of final closure for Type IV & IVAE facilities.	Required	330.371(e)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
665	Part III	Indicate that information may be submitted to the ED, to reduce gas monitoring and control. The information must demonstrate no potential for gas migration beyond the property boundary or into on-site structures.	Required	330.371(e)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
666	Part III	Provide for gas monitoring & control to be revised & maintained as needed; post-closure land use shall not interfere with the gas monitoring system and all utility trenches crossing the facility shall be vented & monitored	Required	330.371(f)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
667	Part III	Provide a description of how gases be managed & controlled	Required	330.371(g)-(1)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
668	Part III	Provide a description of the proposed system, installation procedures, installation timeline, monitoring & maintenance procedures	Required	330.371(g)(2)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
669	Part III	Provide a backup plan for breakdowns	Required	330.371(g)(3)	Yes	Part III. Attachment G, Section 2.0	No active system is required	Landfill Gas Management Plan
670	Part III	Installation of an initial perimeter monitoring network at Type IAE and Type IVAE ands larger landfills may consist of portable equipment and probes provided there are no habitable structures within 3000 feet of the waste placement boundary.	Informational	330.371(h)(1)		Acknowledged		Landfill Gas Management Plan
671	Part III	Indicate that a permanent gas monitoring system will be installed if test results show the presence of methane gas above a concentration of .5% by volume	Required	330.371(h)(1)	Yes	Part III. Attachment G, Section 2.0	Permanent system is already installed	Landfill Gas Management Plan
672	Part III	Provide a permanent gas monitoring system at Type I and Type IV facilities	Required	330.371(h)(2)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
673	Part III	Provide a monitoring network design to monitor on-site structures, and any other areas that have potential gas buildup	Required	330.371(i)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
674	Part III	Provide for all monitoring probes and on-site structures to be sampled for methane during the monitoring period	Required	330.371(j)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
675	Part III	Provide for sampling for specified trace gases, when required by the executive director when there is a possibility of acute or chronic exposure due to carcinogenic or toxic compounds.	Required	330.371(j)	Yes	Part III. Attachment G, Section 3.0		Landfill Gas Management Plan
676	Part III	Provide for monitoring to be quarterly, more frequent monitoring may be required by ED upon notification	Required	330.371(k)(1)	Yes	Part III. Attachment G, Section 2.0		Landfill Gas Management Plan
677	Part III	Provide for more frequent monitoring at locations where gas migration is occurring or accumulating	Required	330.371(k)(2)	Yes	Part III. Attachment G, Section 3.0		Landfill Gas Management Plan

678	Part III	The comprehensive rule revisions in this chapter as adopted in 2006 (2006 Revisions) to Chapter 330 Subchapter I supersede any conflicting provisions contained in any existing permits upon the effective date of the 2006 Revisions.	Informational	330.371(l)		Acknowledged		Landfill Gas Management Plan
679	Part III	Submit a Closure Plan that includes a final constructed contour with cross-sections, internal drainage, side slopes, drainage entering & departing, and 100-yr. flood areas.	Required	330.63(h)	Yes	Part III, Attachment H		Closure Plan
701	Part III	Specify in the closure plan that the operator will begin closure no later than 30 days after final receipt of waste or no later than one year if the unit has remaining capacity and additional waste may be received	Required	330.457(f)(3)	Yes	Part III, Attachment H, Section 4.2		Closure Plan
702	Part III	Provide for closure activities to be completed within 180 days of initiation	Required	330.457(f)(4)	Yes	Part III, Attachment H, Section 4.2		Closure Plan
703	Part III	Provide for post-closure care requirements following completion of closure. Submit PE certification of closure by registered mail with supporting documentation.	Required	330.457(f)(5)	Yes	Part III, Attachment H, Section 4.2		Closure Plan
704	Part III	Acknowledge that following receipt of closure documents and the inspection report by the TCEQ region, the ED may acknowledge termination of operation & closure & deem the facility properly closed	Acknowledgement	330.457(f)(6)	Yes	Part III, Attachment H, Section 4.2		Closure Plan
705	Part III	Submit a certified copy within 10 days after landfill unit closure, of the "Affidavit to the Public". The Owner and Operator shall record a certified notation to the deed that the land has been used as a landfill facility	Required	330.457(g)	Yes	Part III, Attachment H, Section 4.2		Closure Plan
706	Part III	Indicate that notice of closure will be published in the newspaper of largest circulation 90 days prior to the initiation of a final facility closure. The notice shall provide the name, address, and physical location of the facility; the TCEQ authorization number; and the last date of intended receipt of waste.	Required	330.461(a)	Yes	Part III, Attachment H, Section 4.2		Closure Plan
708	Part III	Acknowledge that least one closure sign will be posted at every point of access and notify all persons who utilize the facility of the date of closure and the prohibition against further receipt of waste materials.	Acknowledgement	330.461(b)	Yes	Part III, Attachment H, Section 4.2		Closure Plan
714	Part III	Submit a closure plan for Storage and Processing units to remove all waste, waste residues, and any recovered materials. Units shall be dismantled and removed off-site or decontaminated.	Required	330.459(a)	Yes	Part III, Attachment H, Section 3.3		Closure Plan For Processing Facilities
715	Part III	Provide plans for the evacuation of all material on-site to an authorized facility and the disinfecting of all contaminated water handling units, tipping areas, processing and post-processing areas (as applicable)	Required	330.459(b)	Yes	Part III, Attachment H, Section 3.3		Closure Plan For Processing Facilities
716	Part III	Acknowledge that if there is evidence of a release, the ED may require an investigation, assessment, and or corrective action.	Acknowledgement	330.459(c)	Yes	Part III, Attachment H, Section 3.3		Closure Plan For Processing Facilities
717	Part III	Submit a plan (if combustible material is stored outdoors) for closure of a recycling facility that includes collecting processed and unprocessed materials, and transporting the materials to an authorized facility for disposition	Required	330.459(d)(1)	Yes	N/A		Closure Plan For Processing Facilities
718	Part III	Provide for the closure plan to be implemented (if combustible material is stored outdoors) and completed within 180 days following the most recent acceptance of processed or unprocessed materials	Required	330.459(d)(2)	Yes	N/A		Closure Plan For Processing Facilities
719	Part III	Submit a Post-Closure Plan that includes a PE certification of closure, and specify that the owner or operator shall retain the right of entry to and maintain all rights-of-way in order to conduct periodic inspections for a minimum 5 yrs. after certification of closure.	Required	330.63(i)	Yes	Part III, Attachment I		Post-Closure Plan

720	Part III	Provide for maintenance and control of cover material, erosion control, vegetative growth, leachate or methane migration, and subsidence or ponding of water on the unit. If any of these problems persist for longer than the first five years of post-closure care, the owner or operator shall be responsible for their correction	Required	330.463(a)(1)	Yes	Part III, Attachment I, Section 2.0		Post-Closure Plan
721	Part III	Acknowledge that the ED may reduce the post-closure period for the unit if all wastes and waste residues have been removed during closure	Acknowledgement	330.463(a)(1)	Yes	Part III, Attachment I, Section 2.2		Post-Closure Plan
722	Part III	Provide for continued monitoring programs, i.e., groundwater monitoring, resistivity surveys, methane monitoring, etc.; during the post-closure care period.	Required	330.463(a)(2)	Yes	Part III, Attachment I, Section 2.0		Post-Closure Plan
723	Part III	Acknowledge that the ED may require an investigation into the nature and extent of any release from the facility and an assessment to correct an impact to groundwater	Acknowledgement	330.463(a)(3)	Yes	Part III, Attachment I, Section 2.1		Post-Closure Plan
724	Part III	Provide for 30-year post-closure care after PE certification of closure	Required	330.463(b)(1)	Yes	Part III, Attachment I, Section 2.1		Post-Closure Plan
725	Part III	Provide for right of entry and the maintenance of all rights-of-way, conduct site maintenance and/or remediation, maintain final cover, vegetation, drainage & correct as needed	Required	330.463(b)(1)(A)	Yes	Part III, Attachment I, Section 2.1		Post-Closure Plan
726	Part III	Provide maintenance and operation of the leachate collection system	Required	330.463(b)(1)(B)	Yes	N/A	Site does not have a leachate collection system	Post-Closure Plan
727	Part III	Provide for maintenance and monitoring of the groundwater monitoring system per requirements of Subchapter J	Required	330.463(b)(1)(C)	Yes	Part III, Attachment I, Section 2.1		Post-Closure Plan
728	Part III	Provide for maintenance and monitoring of gas system per requirements of Subchapter I	Required	330.463(b)(1)(D)	Yes	Part III, Attachment I, Section 2.1		Post-Closure Plan
729	Part III	Provide for continued earth electrical resistivity surveys per site development plan	Required	330.463(b)(1)(E)	Yes	N/A		Post-Closure Plan
730	Part III	Place a copy of the post-closure plan in the operating record by initial receipt of waste.	Required	330.463(b)(3)	Yes	Part III, Attachment I, Section 1.0		Post-Closure Plan
731	Part III	Submit a description of the monitoring and maintenance activities required and the frequency at which these activities will be performed	Required	330.463(b)(3)(A)	Yes	Part III, Attachment I, Section 2		Post-Closure Plan
732	Part III	Provide the name, address, & phone number of responsible person	Required	330.463(b)(3)(B)	Yes	Part III, Attachment I, Section 3		Post-Closure Plan
733	Part III	Provide a description of the planned use of closed unit during the post closure period	Required	330.463(b)(3)(C)	Yes	Part III, Attachment I, Section 4		Post-Closure Plan
734	Part III	Provide a detailed written estimate of the cost of post-closure care maintenance and any corrective action as described in the post-closure care plan or required by the ED per Subchapter J	Required	330.463(b)(3)(D)	Yes	Part III, Attachment I, Section 5 and Attachment J		Post-Closure Plan
735	Part III	Indicate that a certification of completion of post-closure care signed by a PE will be submitted at the end of the post-closure care period	Required	330.465(a)	Yes	Part III, Attachment I, Section 2.4		Post-Closure Plan
738	Part III	Submit a dollar estimate of hiring a 3rd party to close the largest waste fill area that could potentially be open in the year to follow and those areas that have not received final cover. For landfills this means the completion of the final closure requirements for active and inactive fill areas.	Required	330.503(a)	Yes	Part III, Attachment J		Closure Cost Estimates
739	Part III	Provide for annual review of cost estimates	Required	330.503(a)(1)	Yes	Part III, Attachment J, Section 1.0		Closure Cost Estimates
740	Part III	Submit an increase to the cost estimate if changes to final closure plan or landfill conditions increase the maximum cost of closure at any time during the remaining active life of the unit.	Required	330.503(a)(2)	Yes	Part III, Attachment J, Section 4.0		Closure Cost Estimates
741	Part III	Reduction in cost estimate may be approved	Required if Requested	330.503(a)(3)	Yes	Part III, Attachment J, Section 4.0		Closure Cost Estimates
749	Part III	Submit a Post-Closure Care Cost Estimates for the cost of hiring a third party to conduct post-closure care activities. The cost estimate shall account for the total costs of conducting post closure care for the largest area that could possibly require post-closure care in the year to follow over the entire post closure care period	Required	330.507(a)	Yes	Part III, Attachment J, Section 3.0		Post-Closure Care Cost Estimates for Landfills

750	Part III	Submit an increase in the post-closure care cost estimate and the amount of financial assurance if changes in the post-closure care plan or the unit conditions increase the maximum costs of post-closure care	Required if Requested	330.507(a)(1)	Yes	Part III, Attachment J, Section 3.0		Post-Closure Care Cost Estimates for Landfills
751	Part III	Submit a reduction in the post-closure care cost estimate and the amount of financial assurance if the cost estimate exceeds the maximum costs of post-closure care remaining and a notice is provided to the ED of the detailed justification for the reduction of the cost estimate and the amount of financial assurance as a permit modification.	Required	330.507(a)(2)	Yes	Part III, Attachment J, Section 4.0		Post-Closure Care Cost Estimates for Landfills
752	Part III	Implement a corrective action program and a detailed written cost estimate of the cost of hiring a third party to perform the corrective action program. The corrective action cost estimate shall account for the total costs of corrective action activities	Required if Requested	330.509(a)	Yes	Acknowledged		Corrective Action Cost Estimate
753	Part III	The corrective action cost estimate and the amount of financial assurance shall be increased if changes in the corrective action program or unit conditions increase the maximum costs of corrective action	Required if Requested	330.509(a)(1)	Yes	Acknowledged		Corrective Action Cost Estimate
754	Part III	A reduction in the cost estimate and the amount of financial assurance for corrective action may be approved if the cost estimate exceeds the maximum remaining costs of corrective action at any time during the remaining corrective action period	Required if Requested	330.509(a)(2)	Yes	Acknowledged		Corrective Action Cost Estimate
755	Part III	Provide financial assurance for the costs of the most recent corrective action program. Continuous financial assurance coverage for each corrective action program shall be provided until the facility is officially released in writing by the ED	Required if Requested	330.509(b)	Yes	Acknowledged		Corrective Action Cost Estimate
756	Part III	Provide financial assurance per Chapter 37, Subchapter R	Required	330.503(b)	Yes	Part III, Attachment J, Section 5.0		Financial Assurance
757	Part III	Provide for financial assurance for post-closure cost. Continuous financial assurance coverage for post-closure care shall be provided	Required	330.507(b)	Yes	Part III, Attachment J, Section 5.0		Financial Assurance
758	Part IV	A site operating plan shall cover all on-site units in accordance with Subchapters D & E of Chapter 330.	Informational	330.65(a)		Part IV		Site Operating Plan
759	Part IV	A facility that has an environmental management system that meets both the minimum standards described in 30 TAC §90.32 of this title and the United States Environmental Protection Agency's National Environmental Performance Track is not subject to site operating plan requirements.	Informational	330.65(b)		Acknowledged		Site Operating Plan
760	Part IV	In the event the executive director terminates authorization to operate under an environmental management system, the facility will comply with the site operating plan requirements within 90 days.	Informational	330.65(b)		Acknowledged		Site Operating Plan
761	Part IV	Provide procedures for recirculating leachate or gas condensate	Required if Requested	330.65(c)	Yes	N/A		Site Operating Plan
762	Part IV	Acknowledge that the site development plan, site operating plan, final closure plan, post-closure maintenance plan, landfill gas management plan, & all other documents are operating requirements & part of the operating record.	Acknowledgement	330.121(a)	Yes	Part IV, Section 1.1		Site Operating Plan
764	Part IV	Acknowledgment that the SLER will be submitted to the ED 14 days prior to waste disposal operations for each new disposal area	Acknowledgement	330.123	Yes	N/A	All cells have been previously constructed	Site Operating Plan
765	Part IV	Acknowledge that all information required to be in the site operating record to be placed in the operating record within seven (7) days of completion or receipt	Acknowledgement	330.125(b)	Yes	Part IV, Section 2.2		Site Operating Plan
766	Part IV	Acknowledge that all location restriction demonstrations will be maintained in the site operating record	Acknowledgement	330.125(b)(1)	Yes	Part IV, Section 2.0		Site Operating Plan

768	Part IV	Acknowledge that all results of gas monitoring & any remediation plans relating to explosive and other gases will be maintained in the site operating record	Acknowledgement	330.125(b)(3)	Yes	Part IV, Section 8.16		Site Operating Plan
769	Part IV	Acknowledge that all unit design documentation regarding placement of leachate or gas condensate will be maintained in the site operating record	Acknowledgement	330.125(b)(4)	Yes	N/A	site does not recirculate leachate or gas condensate	Site Operating Plan
770	Part IV	Acknowledge that all demonstration, certification, findings, monitoring, testing, and analytical data relating to groundwater monitoring and corrective action will be maintained in the site operating record	Acknowledgement	330.125(b)(5)	Yes	Part IV, Section 2.2		Site Operating Plan
771	Part IV	Acknowledge that all closure and post-closure care plans and any monitoring, testing, or analytical data relating to post-closure requirements will be maintained in the site operating record	Acknowledgement	330.125(b)(6)	Yes	Part IV, Section 1.1		Site Operating Plan
772	Part IV	Acknowledge that all cost estimates and financial assurance documentation relating to financial assurance for closure and post-closure will be maintained in the site operating record	Acknowledgement	330.125(b)(7)	Yes	Part IV, Section 2.0		Site Operating Plan
773	Part IV	Acknowledge that all documentation of compliance with small community exemption criteria will be maintained in the site operating record	Acknowledgement	330.125(b)(8)	Yes	Part IV, Section 2.0		Site Operating Plan
774	Part IV	Acknowledge that copies of all correspondence and responses relating to the operation of the facility, modifications to the permit, approvals, and other matters pertaining to technical assistance will be maintained in the site operating record	Acknowledgement	330.125(b)(9)	Yes	Part IV, Section 2.0		Site Operating Plan
775	Part IV	Acknowledge that all documents, manifests, shipping documents, trip tickets, etc., involving special waste will be maintained in the site operating record	Acknowledgement	330.125(b)(10)	Yes	Part IV, Section 2.0		Site Operating Plan
776	Part IV	Acknowledge that records of the application rate and total amount of any spray-applied alternative daily cove applied to the working face will be maintained in the site operating record.	Acknowledgement	330.125(b)(11)	Yes	N/A	Not used	Site Operating Plan
777	Part IV	Acknowledge that any other documents specified by the permit or Executive Director will be maintained in the site operating record	Acknowledgement	330.125(b)(12)	Yes	Part IV. Section 1.1		Site Operating Plan
778	Part IV	Acknowledge that the site operating record will maintain all required documents in an organized format and in accordance with the time frames specified in 330.125(b), and will be furnished upon request to the executive director and must be made available for inspection by the executive director	Acknowledgement	330.125(c)	Yes	Part IV. Section 2.0		Site Operating Plan
779	Part IV	Indicate that the operating record will be maintained for life & post-closure period of the facility	Required	330.125(d)	Yes	Part IV. Section 2.0		Site Operating Plan
780	Part IV	Indicate that all training records will be maintained in accordance with 30 TAC §335.586(d) & (e)	Required	330.125(e)	Yes	Part IV. Section 2.5		Site Operating Plan
781	Part IV	Indicate that personnel operating licenses issued under 30 TAC Chapter 30, Subchapter F will be maintained in the site operating record	Required	330.125(f)	Yes	Part IV. Section 2.5		Site Operating Plan
782	Part IV	Indicate that the executive director may set alternative schedule for recordkeeping & notification	Required	330.125(g)	Yes	Part IV, Section 2.0		Site Operating Plan
783	Part IV	Indicate that records documenting the annual waste acceptance rate will be maintained in the site operating record	Required	330.125(h)	Yes	Part IV. Section 2.6		Site Operating Plan
784	Part IV	Indicate that documentation of waste acceptance rate will include maintaining annual & quarterly waste summary reports required by 30 TAC §330.675	Required	330.125(h)	Yes	Part IV. Section 2.6		Site Operating Plan
785	Part IV	Indicate that the facility will provide the reports required by 30 TAC §330.675 to the Executive Director	Required	330.675	Yes	Part IV. Section 2.6		Site Operating Plan

786	Part IV	Indicate that if the annual waste acceptance rate exceeds the rate estimated in the landfill permit application and the waste increase is not due to a temporary occurrence, the owner or operator shall file an application to modify the permit application, including the revised estimated waste acceptance rate, in accordance with 30 TAC §305.70(k) of this title (relating to Municipal Solid Waste Permit and Registration Modifications), within 90 days of the exceedance as established by the sum of the previous four quarterly summary reports.	Required	330.125(h)	Yes	Part IV. Section 2.6		Site Operating Plan
787	Part IV	Provide a description of the function & minimum qualifications of key personnel	Required	330.127(1)	Yes	Part IV. Section 3.2		Site Operating Plan
788	Part IV	Provide a description of the minimum number, size, type and function of the equipment to be utilized at the facility	Required	330.127(2)	Yes	Part IV. Section 4.0		Site Operating Plan
789	Part IV	Provide a description of the provisions for back-up equipment during periods of breakdown or maintenance of this listed equipment	Required	330.127(2)	Yes	Part IV. Section 4.0		Site Operating Plan
790	Part IV	Provide general instructions for personnel concerning operational requirements	Required	330.127(3)	Yes	Part IV. Section 8.0		Site Operating Plan
791	Part IV	Identify all applicable training requirements under 30 TAC §335.586(a) & (c) that must be followed	Required	330.127(4)	Yes	Part IV. Section 3.2		Site Operating Plan
792	Part IV	Provide procedures for the detection and prevention of the disposal of prohibited wastes, including hazardous waste & PCB wastes	Required	330.127(5)	Yes	Part IV. Section 5.0		Site Operating Plan
793	Part IV	Provide procedures for random inspections of incoming loads including the inspection of compactor vehicles.	Required	330.127(5)(A)	Yes	Part IV. Section 5.0		Site Operating Plan
794	Part IV	Indicate that trained staff shall observe each load that is disposed at the landfill	Required	330.127(5)(A)	Yes	Part IV. Section 5.0		Site Operating Plan
795	Part IV	Indicate that records will be kept of all waste load inspections	Required	330.127(5)(B)	Yes	Part IV. Section 5.0		Site Operating Plan
796	Part IV	Indicate that facility personnel inspecting or observing loads must have training to recognize prohibited waste	Required	330.127(5)(C)	Yes	Part IV. Section 5.0		Site Operating Plan
797	Part IV	Indicate that notification will be provide to executive director and to any local pollution agency with jurisdiction that has requested to be notified, of the receipt or disposal of hazardous or PCB waste	Required	330.127(5)(D)	Yes	Part IV. Section 5.0		Site Operating Plan
798	Part IV	Provide provisions for remediation of hazardous or PCB waste that has been received for disposal at the facility	Required	330.127(5)(E)	Yes	Part IV. Section 5.0		Site Operating Plan
799	Part IV	Indicate that the facility will maintain a source of earthen material available to extinguish fires, sized to cover waste not covered with six inches of earthen material within one hour of detecting a fire.	Required	330.129	Yes	Part IV. Section 7.1		Site Operating Plan
800	Part IV	Provide a demonstration, including calculations, showing that sufficient on-site equipment and earthen material stockpile is available to cover any waste not already covered with six inches of earthen material within one hour of detecting a fire.	Required	330.129	Yes	Part IV. Section 7.1		Site Operating Plan
801	Part IV	Indicate that sufficient on-site equipment must be provided to place a six-inch layer of earthen material to cover any waste not already covered with six inches of earthen material within one hour of detecting a fire	Required	330.129	Yes	Part IV. Section 7.1		Site Operating Plan
802	Part IV	Provide fire protection standards & training procedures	Required	330.129	Yes	Part IV. Section 7.4		Site Operating Plan
803	Part IV	Identify other activities requiring fire protection and provide protection measures specific to each individual activity	Required	330.129	Yes	Part IV. Section 7.2		Site Operating Plan
804	Part IV	Indicate that if a fire occurs that is not extinguished within ten minutes of detection, the commission's regional office must be contacted immediately after detection, but no later than four hours by telephone, and in writing within 14 days with a description of the fire and the resulting response.	Required	330.129	Yes	Part IV - Section 7.5		Site Operating Plan
805	Part IV	Provide provisions for access control to the facility	Required	330.131	Yes	Part IV - Section 8.1		Site Operating Plan

806	Part IV	Provide an inspection and maintenance schedule for access control features	Required	330.131	Yes	Part IV - Section 8.1.3		Site Operating Plan
807	Part IV	Indicate that the commission's regional office, and any local pollution agency with jurisdiction that has requested to be notified, must be notified of the breach within 24 hours of detection. Indicate that the breach must be temporarily repaired within 24 hours of detection and must be permanently repaired by the time specified to the commission's regional office when it was reported in the initial breach report. Indicate that if a permanent repair can be made within eight hours of detection, no notice to the commission's regional office is required.	Required	330.131	Yes	Part IV - Section 8.1.4		Site Operating Plan
808	Part IV	Identify all unloading areas and specify maximum size of each unloading area.	Required	330.133(a)	Yes	Part IV - Section 8.2.1-8.2.2		Site Operating Plan
809	Part IV	Indicate that trained staff will monitor incoming loads at each unloading area	Required	330.133(a)	Yes	Part IV - Section 8.2		Site Operating Plan
811	Part IV	Indicate that any waste deposited in an unauthorized area will be removed immediately & properly disposed.	Required	330.133(b)	Yes	Part IV - Section 8.2		Site Operating Plan
812	Part IV	Indicate that staff involved with unloading or inspection of waste shall have the authority and responsibility to reject unauthorized loads, have unauthorized material removed by the transporter, and/or assess appropriate surcharges, and have the unauthorized material removed by on-site personnel or otherwise properly managed by the facility.	Required	330.133(b)	Yes	Part IV - Section 5.2		Site Operating Plan
813	Part IV	Indicate that a record of unauthorized material removal will be maintained in the operating record	Required	330.133(b)	Yes	Part IV - Section 5.4		Site Operating Plan
814	Part IV	Provide a list of waste that are prohibited from disposal, storage and/or processing at the facility	Required	330.133(c)	Yes	Part IV - Section 5.0		Site Operating Plan
815	Part IV	Indicate that the unloading of prohibited waste [30 TAC §330.15(e)] is prohibited and must be returned to transporter or generator or otherwise properly managed by the facility	Required	330.133(c)	Yes	Part IV - Section 5.7		Site Operating Plan
816	Part IV	Type I or IAE landfills may establish brush & C&D areas	Informational	330.133(d)		N/A		Site Operating Plan
817	Part IV	At Type IV landfills, only brush, C&D, & rubbish free of putrescible and household waste are allowed	Informational	330.133(e)		Acknowledged		Site Operating Plan
818	Part IV	Submit a written procedure that will ensure that containers with any putrescible wastes are not accepted at the landfill	Required	330.133(f)(1)	Yes	Part IV - Section 5.0		Site Operating Plan
819	Part IV	Submit a written procedure for the immediate removal of any putrescible wastes and other prohibited waste disposed of at the landfill	Required	330.133(f)(2)	Yes	Part IV - Section 5.0		Site Operating Plan
820	Part IV	Provide a procedure for transporter certifications that will be retained at the landfill and available for inspection by the executive director	Required	330.133(f)(3)	Yes	Part IV - Section 8.2		Site Operating Plan
821	Part IV	Acknowledge that Type IV landfills may only accept waste in enclosed containers or enclosed vehicles in accordance with 30 TAC §330.169	Acknowledgement	330.133(g)	Yes	Part IV - Section 5.8		Site Operating Plan
822	Part IV	Provide a description of wastes that are not allowed and state the landfill's requirements for transporters	Required	330.133(h)	Yes	Part IV - Section 8.4		Site Operating Plan
823	Part IV	Specify waste acceptance and operating hours	Required	330.135(a)	Yes	Part IV - Section 8.3		Site Operating Plan

824	Part IV	The waste acceptance hours of a municipal solid waste facility may be any time between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday, unless otherwise approved in the authorization for the facility. Waste acceptance hours within the 7:00 a.m. to 7:00 p.m. weekday span do not require other specific approval. Transportation of materials and heavy equipment operation must not be conducted between the hours of 9:00 p.m. to 5:00 a.m., unless otherwise approved in the authorization for the facility. Operating hours for other activities do not require specific approval	Informational	330.135(a)		Acknowledged		Site Operating Plan
825	Part IV	Specify alternative operating hours of up to five days in a calendar year to accommodate special occasions, special purpose events, holidays, or other special occurrences	Required If Requested	330.135(b)	Yes	Part IV - Section 8.3		Site Operating Plan
826	Part IV	Indicate that the facility will record in the site operating record the dates, times, and duration when any alternative operating hours are utilized	Required	330.135(d)	Yes	Part IV - Section 8.3		Site Operating Plan
827	Part IV	Indicate that a sign measuring at least 4' X 4' with letters at least three inches in height must be displayed at all entrances.	Required	330.137	Yes	Part IV - Section 8.4		Site Operating Plan
828	Part IV	Indicate that information on the sign must include the facility type, hours and days of operation, an emergency 24hr. Contact number, local fire department number & permit number	Required	330.137	Yes	Part IV - Section 8.4		Site Operating Plan
829	Part IV	Indicate that windblown waste and litter at the working face must be controlled by using engineering methods or measures, including portable panels, temporary fencing, and perimeter fencing or comparable engineering controls.	Required	330.139(1)	Yes	Part IV - Section 8.5		Site Operating Plan
830	Part IV	Provide a plan for daily management of litter scattered throughout the site, along fences and access roads, and at the gate	Required	330.139(2)	Yes	Part IV - Section 8.5		Site Operating Plan
831	Part IV	Indicate that no unloading, storage, disposal, or processing operations will occur within easements, buffer zones, or rights-of-way that crosses the site, and that no disposal shall occur within 25 feet of the center line of any utility line or pipeline easement, unless otherwise authorized by the executive director	Required	330.141(a)	Yes	Part IV - Section 8.6.1		Site Operating Plan
832	Part IV	Indicate that all pipeline and utility easements must be clearly marked with posts that extend at least six feet above ground level, spaced at intervals no greater than 300 feet	Required	330.141(a)	Yes	Part IV - Section 8.6.1		Site Operating Plan
833	Part IV	Indicate that a minimum separating distance shall be maintained between solid waste processing and disposal activities within and adjacent to the facility boundary on property owned or controlled by the owner or operator as determined by the requirements of 30 TAC §330.543. The buffer zone must provide for safe passage for fire-fighting and other emergency vehicles.	Required	330.141(b)	Yes	Part IV - Section 8.6.2		Site Operating Plan
834	Part IV	Indicate that the visibility of all required landfill markers and the benchmark must be maintained	Required	330.143(a)	Yes	Part IV - Section 8.7		Site Operating Plan
835	Part IV	Indicate that landfill markers must be inspected on a monthly basis and records of all inspections placed in the site operating record	Required	330.143(a)	Yes	Part IV - Section 8.7		Site Operating Plan
836	Part IV	indicate that all markers must be replaced within 15 days of removal, destruction, or a determination that the markers do not meet regulatory requirements.	Required	330.143(a)	Yes	Part IV - Section 8.7		Site Operating Plan
837	Part IV	Landfill markers must be installed to clearly mark significant features and that the executive director may modify specific marker requirements to accommodate unique site-specific conditions.	Required	330.143(b)	Yes	Part IV - Section 8.7		Site Operating Plan
838	Part IV	Indicate that markers must be posts extending 6ft. above ground and not obscured	Required	330.143(b)(1)	Yes	Part IV - Section 8.7		Site Operating Plan

839	Part IV	Provide the color coding for on-site markers that is in compliance with 330.143(b)(1)(A) – (F)	Required	330.143(b)(1)(A) – (F)	Yes	Part IV - Section 8.7		Site Operating Plan
840	Part IV	Indicate that boundary markers must be placed at each corner of the facility and along boundary line at intervals not greater than 300 ft.	Required	330.143(b)(2)	Yes	Part IV - Section 8.7		Site Operating Plan
841	Part IV	Indicate that markers identifying the buffer zone will placed along each buffer zone boundary at intervals of no greater than 300 ft.	Required	330.143(b)(3)	Yes	Part IV - Section 8.7		Site Operating Plan
842	Part IV	Indicate that easement and right-of-way markers must be placed along the centerline of an easement and along the boundary of a right-of-way at each corner within the facility and at the intersection of the facility boundary.	Required	330.143(b)(4)	Yes	Part IV - Section 8.7		Site Operating Plan
843	Part IV	Indicate that a landfill grid system must be installed unless written approval from the executive director has been received.	Required	330.143(b)(5)	Yes	Part IV - Section 8.7		Site Operating Plan
844	Part IV	Indicate that grid system will encompass at least the area expected to be filled within the next three-year period and that marks must be spaced no greater than 100 feet apart measured along perpendicular lines and that where markers cannot be seen from opposite boundaries, intermediate markers must be installed, where feasible.	Required	330.143(b)(5)	Yes	Part IV - Section 8.7		Site Operating Plan
845	Part IV	Indicate that soil liner or geomembrane markers will be placed so that areas under evaluation can be determined & maintained through construction & operation period.	Required	330.143(b)(6)	Yes	N/A	Site does not have SLER or GLER markers	Site Operating Plan
846	Part IV	Indicate that the location of the liner markers must be tied into the landfill grid system and must be reported on each soil liner evaluation report or geomembrane liner evaluation report submitted.	Required	330.143(b)(6)	Yes	N/A	Site does not have SLER or GLER markers	Site Operating Plan
847	Part IV	Indicate that liner area markers must not be placed inside constructed areas.	Required	330.143(b)(6)	Yes	N/A	Site does not have SLER or GLER markers	Site Operating Plan
848	Part IV	Indicate that flood protection markers must be installed for any area within a solid waste disposal facility that is within the 100-year floodplain and that areas subject to flooding must be clearly marked by means of permanent posts not more than 300 feet apart or closer if necessary to retain visual continuity.	Required	330.143(b)(7)	Yes	Part IV - Section 8.7		Site Operating Plan
849	Part IV	Indicate that a permanent benchmark must be established and accessible and must be a bronze survey marker in concrete stamped with elevation and date stamped on it and that the benchmark must be surveyed from a known United States Coast and Geodetic Survey benchmark or other reliable benchmark.	Required	330.143(b)(8)	Yes	Part IV - Section 8.7		Site Operating Plan
850	Part IV	Indicate that the facility owner or operator shall take steps to encourage that vehicles hauling waste to the facility are enclosed or provided with a tarpaulin, net, or other means to effectively secure the load in order to prevent the escape of any part of the load by blowing or spilling.	Required	330.145	Yes	Part IV - Section 8.8		Site Operating Plan
851	Part IV	Indicate that the owner or operator shall take actions such as posting signs, reporting offenders to proper law enforcement officers, adding surcharges, or similar measures.	Required	330.145	Yes	Part IV - Section 8.8		Site Operating Plan
852	Part IV	Indicate that on days when the facility is in operation, the owner or operator shall be responsible for at least once per day cleanup of waste materials spilled along and within the right-of-way of public access roads serving the facility for a distance of two miles in either direction from any entrances used for the delivery of waste to the facility.	Required	330.145	Yes	Part IV - Section 8.8		Site Operating Plan

853	Part IV	Indicate that the facility operator will consult with the Texas Department of Transportation, county, and/or local governments with maintenance authority over the roads concerning cleanup of public access roads and rights-of-way.	Required	330.145	Yes	Part IV - Section 8.8		Site Operating Plan
854	Part IV	Indicate that large, heavy, bulky items that cannot be incorporated in the regular spreading, compaction, and covering operations at landfill should be recycled and that a large item salvage area should be established & items removed often enough to prevent nuisance or discharge.	Required	330.147(a)	Yes	Part IV - Section 8.9		Site Operating Plan
855	Part IV	Indicate the items that can be classified as large, heavy, or bulky. This can include, but is not limited to, white goods (household appliances), air conditioner units, metal tanks, large metal pieces, and automobiles.	Required	330.147(b)	Yes	Part IV - Section 8.9		Site Operating Plan
856	Part IV	Indicate that refrigerators, freezer, air conditioners, and any other items containing CFCs must be handled in accordance with 40 CFR 82.156(f)	Required	330.147(c)	Yes	Part IV - Section 8.9		Site Operating Plan
857	Part IV	Provide an odor management plan that addresses the sources of odors and includes general instructions to control odors or the sources of odors. The plans for odor management must include the identification of wastes that require special attention such as septage, grease trap waste, dead animals, and leachate.	Required	330.149	Yes	Part IV - Section 8.10		Site Operating Plan
858	Part IV	Provide procedures for the control of on-site populations of disease vectors including the use of proper compaction and daily cover procedures, and the use of other approved methods when needed. The general methods and performance-based frequencies for disease vector control must be specified	Required	330.151	Yes	Part IV - Section 8.11		Site Operating Plan
859	Part IV	Provide a description for all weather access roads from the facility to public roads and within the facility. Indicate that tracked mud & debris on public roadway removed once a day on days when mud and associated debris are being tracked onto the public roadway. Provide a description of the specific method for controlling mud & debris	Required	330.153(a)	Yes	Part IV - Section 8.12		Site Operating Plan
860	Part IV	Indicate that tracked mud & associated debris on public roadway removed once a day on days when mud and associated debris are being tracked onto the public roadway.	Required	330.153(a)	Yes	Part IV - Section 8.12		Site Operating Plan
861	Part IV	Provide a description of the specific method for controlling mud & debris	Required	330.153(a)	Yes	Part IV - Section 8.12		Site Operating Plan
862	Part IV	Specify method of dust control or suppression	Required	330.153(b)	Yes	Part IV - Section 8.12		Site Operating Plan
863	Part IV	Provide a description, including frequency, of how all on site roadways will be maintained to minimize depressions, ruts, and potholes	Required	330.153(c)	Yes	Part IV - Section 8.12		Site Operating Plan
864	Part IV	Indicate that litter and any other debris must be picked up at least daily and taken to the working face for disposal	Required	330.153(c)	Yes	Part IV - Section 8.12		Site Operating Plan
865	Part IV	Indicate that salvaging operations must not interfere with prompt sanitary disposal of solid waste or to create public health nuisances.	Required	330.155	Yes	Part IV - Section 8.13		Site Operating Plan
866	Part IV	Indicate that salvaged items will be removed often enough to prevent becoming a nuisance, preclude the discharge of any pollutants, or to prevent an excessive accumulation of material.	Required	330.155	Yes	Part IV - Section 8.13		Site Operating Plan
867	Part IV	Indicate that Class 1 industrial and other special wastes received at the disposal facility must not be salvaged.	Required	330.155	No			Site Operating Plan
868	Part IV	Indicate that pesticide, fungicide, rodenticide, and herbicide containers must not be salvaged unless being salvaged through a state-supported recycling program.	Required	330.155	No			Site Operating Plan
869	Part IV	Indicate that scavenging is prohibited.	Required	330.155	Yes	Part IV - Section 8.13		Site Operating Plan

870	Part IV	Specify criteria for the protection of identified endangered species	Required	330.157	Yes	Part IV - Section 8.14		Site Operating Plan
871	Part IV	Indicate that landfill gas report and submittals must be maintained in operating record	Required	330.159	Yes	Part IV - Section 8.16		Site Operating Plan
872	Part IV	Indicate that within 30 days of discovery, notice will be provide to the executive director of the location of any and all existing or abandoned water wells, oil wells, natural gas wells or other wells situated within the facility.	Required	330.161(a)-(b)	Yes	Part IV - Section 8.17		Site Operating Plan
874	Part IV	Indicate that within 30 days of plugging, the facility will provide the executive director with notification and written certification that the oil well, gas well or other well has been capped, plugged, and closed in accordance with all applicable rules and regulations of the commission or other state agency	Required	330.161(b)	Yes	Part IV - Section 8.17		Site Operating Plan
876	Part IV	Indicate that any water or other type of wells under the jurisdiction of the commission must be plugged in accordance with all applicable state requirements or additional requirements imposed by the executive director and that a copy of the well plugging report required to be submitted to the appropriate state agency and must also be submitted to the executive director within 30 days after the well has been plugged.	Required	330.161(c)	Yes	Part IV - Section 8.17		Site Operating Plan
877	Part IV	Indicate that any proposed changes to the liner installation plan as a result of any well abandonment will be submit for executive director approval as permit modification	Required	330.161(d)	Yes	Part IV - Section 8.17.2		Site Operating Plan
878	Part IV	Specify the methods of compaction of waste	Required	330.163	Yes	Part IV - Section 8.18		Site Operating Plan
879	Part IV	Indicate that the landfill must apply six inches of well-compacted earthen material not previously mixed with garbage, rubbish, or other solid waste at the end of each operating day to control disease vectors, fires, odors, windblown litter or waste, and scavenging, unless the executive director requires a more frequent interval	Required	330.165(a)	Yes	Part IV - Section 8.19.2		Site Operating Plan
880	Part IV	Indicate that the landfill must apply six inches of well-compacted earthen material not previously mixed with garbage, rubbish, or other solid waste at least weekly to control disease vectors, fires, odors, windblown litter or waste, and scavenging, unless the executive director requires a more frequent interval.	Required	330.165(b)	Yes	Part IV - Section 8.19.1		Site Operating Plan
881	Part IV	Landfills that operate on a 24-hour basis must cover the working face or active disposal area at least once every 24 hours. The executive director may require a chemical analysis of any landfill cover material. Runoff from areas that have intact daily cover is not considered as having come into contact with the working face or leachate.	Informational	330.165(a)		Acknowledged		Site Operating Plan
882	Part IV	Indicate that all areas that have received waste but will be inactive for longer than 180 days must provide intermediate or final cover.	Required	330.165(c)	Yes	Part IV - Section 8.19.3-8.19.4		Site Operating Plan

883	Part IV	Indicate that all intermediate cover will be six inches of suitable earthen material that is capable of sustaining native plant growth and must be seeded or sodded following its application in order to control erosion, or must be a material approved by the executive director that will otherwise control erosion. This intermediate cover must not be less than 12 inches of suitable earthen material. The intermediate cover must be graded to prevent ponding of water. Plant growth or other erosion control features must be maintained. Runoff from areas that have intact intermediate cover is not considered as having come into contact with the working face or	Required	330.165(c)	Yes	Part IV - Section 8.19.3		Site Operating Plan
884	Part IV	Indicate that alternative daily cover may only be allowed by a temporary authorization under §305.62(k)(1)(A) of this title (relating to Municipal Solid Waste Permit and Registration Modifications) followed by a major amendment or a modification in accordance with §305.70(k)(1) of this title. Use of alternative daily cover is limited to a 24-hour period after which either waste or daily cover as defined in subsection (a) of this section must be placed	Required If Requested	330.165(d)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
885	Part IV	Provide a alternative daily cover operating plan that includes the information required by 30 TAC §330.165(d)(1)(A) - (E)	Required If Requested	330.165(d)(1)(A)-(E)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
886	Part IV	Indicate that status reports on the alternative daily cover must be submitted on a two-month basis to the executive director during the temporary authorization period describing the effectiveness of the alternative material, any problems that may have occurred, and corrective actions required as a result of such problems	Required If Requested	330.165(d)(2)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
887	Part IV	Indicate that alternative daily cover must not be allowed when the landfill is closed for a period greater than 24 hours, unless the executive director approves an alternative length of time	Required If Requested	330.165(d)(3)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
888	Part IV	Indicate that the constituents of concern in contaminated soils used as shall not exceed the concentrations listed in Table 1, Constituents of Concern and Their Maximum Leachable Concentrations, located in 30 TAC §335.521(a)(1)	Required If Requested	330.165(d)(4)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
889	Part IV	Indicate that contaminated soils used as ADC will not contain PCB waste subject to 40 CFR Part 761	Required If Requested	330.165(d)(4)(A)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
890	Part IV	Indicate that contaminated soils used as ADC will not contain TPH concentrations greater that 1,500 ppm unless ED approves a suitability demonstration	Required If Requested	330.165(d)(4)(B)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
891	Part IV	ADC must not exceed constituent limits imposed on waste disposed at the facility	Required If Requested	330.165(d)(5)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
892	Part IV	Indicate that the executive director may require the facility to test runoff from areas that have alternative daily cover for compliance with Texas Pollutant Discharge Elimination System storm water discharge limits or manage the runoff as contaminated water	Required If Requested	330.165(d)(6)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
893	Part IV	Provide a demonstration if there are any extreme seasonal climatic conditions that make meeting requirements of 30 TAC §330.165(a) - (d) impractical. Based on this demonstration the executive director may grant a temporary waiver from the requirements of subsections 30 TAC §330.165(a) - (d)	Required If Requested	330.165(e)	Yes	N/A	ADC is not proposed to be used at this facility	Site Operating Plan
894	Part IV	Indicate that final cover for the landfill must be in accordance with the site closure plan and Subchapter K of Chapter 330.	Required	330.165(f)	Yes	Part IV - Section 8.18.4		Site Operating Plan

895	Part IV	Indicate that erosion gullies or washed-out areas deep enough to jeopardize the final or intermediate cover must be repaired within five days of detection by restoring the cover material, grading, compacting, and seeding unless the commission's regional office approves otherwise, based on the extent of the damage requiring more time to repair or the repairs are delayed because of weather conditions.	Required	330.165(g)	Yes	Part IV - Section 8.18.5		Site Operating Plan
896	Part IV	An eroded area is considered to be deep enough to jeopardize the final or intermediate cover if it exceeds four inches in depth as measured from the vertical plane from the erosion feature and the 90-degree intersection of this plane with the horizontal slope face or surface.	Informational	330.165(g)		Part IV - Section 8.18.5		Site Operating Plan
897	Part IV	Indicate that the date of detection of erosion and date of completion of repairs, including reasons for any delays, must be documented in the cover inspection record	Required	330.165(g)	Yes	Part IV - Section 8.18.5		Site Operating Plan
898	Part IV	Provide the frequency, and identify other occasions, for conducting inspections of the final and intermediate covers to detect the need for repairs.	Required	330.165(g)	Yes	Part IV - Section 8.18.5		Site Operating Plan
899	Part IV	Indicate that the landfill will keep a cover application record that note the date cover completed, how it was accomplished, and the last area covered. Indicate that the cover inspection record made available for review by commission representatives and authorized agents or employees of local governments having jurisdiction. For final cover, this record must specify the area covered, the date cover was applied, and the thickness applied that date. Each entry must be certified by the signature of the on-site supervisor that the work was accomplished as stated in the record.	Required	330.165(h)	Yes	Part IV - Section 8.18.6		Site Operating Plan
900	Part IV	Provide a ponding prevention plan that identifies techniques to be used at the landfill to prevent the ponding of water over waste, an inspection schedule to identify potential ponding sites, corrective actions to remove ponded water, and general instructions to manage water that has been in contact with waste.	Required	330.167	Yes	Part IV - Section 8.19		Site Operating Plan
901	Part IV	Indicate that the acceptance of waste in enclosed containers or enclosed vehicles at Type IV landfills must be in accordance with 30 TAC §330.169(1)	Required	330.169	Yes	Part IV - Section 5.8		Site Operating Plan
902	Part IV	Indicate that the facility participates in funding program participating in the funding program to monitor the activities detailed in 30 TAC §330.169(2)	Required If Requested	330.169(1)(A)	Yes	Part IV - Section 5.8		Site Operating Plan
903	Part IV	Indicate that each enclosed container or enclosed vehicle must have all required approvals and/or permits from the executive director in accordance with 30 TAC §330.7 of this title	Required If Requested	330.169(1)(B)	Yes	Part IV - Section 5.8		Site Operating Plan
904	Part IV	indicate that enclosed containers or enclosed vehicles must only be accepted at their designated time and on the specified day in accordance with this section, commission permits, or other orders of the commission.	Required If Requested	330.169(1)(C)	Yes	Part IV - Section 5.8		Site Operating Plan
905	Part IV	Indicate that a commission inspector shall be on site and shall witness the unloading process to ensure that no putrescible waste or household waste is present and that any waste considered non-allowable by the inspector must be removed from the working face and subsequently from the facility in accordance with 30 TAC §330.133.	Required If Requested	330.169(1)(D)	Yes	Part IV - Section 5.8		Site Operating Plan
906	Part IV	Indicate that each transporter delivering waste in enclosed containers or enclosed vehicles must, prior to discharging the load, provide to the landfill operator a transporter trip ticket for the route being delivered. Trip tickets must be maintained as part of the operating record.	Required If Requested	330.169(1)(E)	Yes	Part IV - Section 5.8		Site Operating Plan

907	Part IV	Stationary compactors permitted in accordance with 30 TAC §330.7 of this title (relating to Permit Required) and municipalities having transporter routes permitted in accordance with 30 TAC §330.7 of this title are exempt from the requirements of 30 TAC §330.169(1)-(3).	Informational	330.169(4)		Acknowledged		Site Operating Plan
909	Part IV	Indicate that the landfill may accept special wastes consistent with the limitations established in 30 TAC §330.5(a)(2) of this title (relating to Classification of Municipal Solid Waste Facilities) and the waste acceptance plan required by 30 TAC §330.61(b) of this title (relating to Contents of Part II of the Application)	Required	330.171(a)	Yes	Part IV - Section 8.20		Site Operating Plan
910	Part IV	Indicate that special waste not identified in 30 TAC §330.171(c)-(d) require prior written approval from the executive director.	Required	330.171(b)	Yes	Part IV - Section 8.20		Site Operating Plan
911	Part IV	Approvals will be waste-specific and/or site-specific and will be granted only to appropriate facilities operating in compliance with this chapter.	Required	330.171(b)(1)	Yes	Part IV - Section 8.20		Site Operating Plan
913	Part IV	Indicate that requests for approval to accept special wastes must include a description of chemical & physical characteristics of waste and a statement as to whether or not each waste is a Class 1 industrial waste as defined in §330.3 of this title, and the quantity and rate at which each waste is produced and/or the expected frequency of disposal	Required	330.171(b)(2)(A)	Yes	Part IV - Section 8.20		Site Operating Plan
914	Part IV	Indicate that a hazardous waste determination as required by 30 TAC §335.6 will be included for all Class 1 industrial waste	Required	330.171(b)(2)(B)	Yes	N/A	Site does not accept Class 1 waste	Site Operating Plan
915	Part IV	Indicate that all requests for approval to accept special wastes must that include an operational plan containing the proposed procedures for handling each waste and listing required protective equipment for operating personnel and on-site emergency equipment	Required	330.171(b)(2)(C)	Yes	Part IV - Section 8.20		Site Operating Plan
916	Part IV	Indicate that all requests for approval to accept special wastes must that include a contingency plan outlining responsibility for containment and cleanup of any accidental spills occurring during the delivery and/or disposal operation	Required	330.171(b)(2)(D)	Yes	Part IV - Section 8.20		Site Operating Plan
928	Part IV	Indicate that a request to accept Class 1 waste must include operating plan containing handling procedures, personnel protective & on-site emergency equipment	Required	330.173(d)(2)	Yes	N/A	Class 1 waste cannot be accepted at Type IV facility	Site Operating Plan
929	Part IV	Indicate that a request to accept Class 1 waste must include a written contingency plan meeting the requirements of 30 TAC §335.589	Required	330.173(d)(3)	Yes	N/A	Class 1 waste cannot be accepted at Type IV facility	Site Operating Plan
930	Part IV	Unless specifically authorized by the facility permit, a Type I or Type IAE landfill facility permitted after October 9, 1993, may not accept Class 1 industrial solid wastes in excess of 20% of the total amount of waste (not including Class 1 wastes) accepted during the current or previous year. The amount of waste may be determined by volume or by weight, but the same unit of measure must be used for each year, unless a variance is authorized by the executive director.	Informational	330.173(e)		Acknowledged		Site Operating Plan
1007	Part IV	Indicate that all wastes generated by a facility must be processed or disposed at an authorized solid waste management facility	Required	330.205(b)	No			Site Operating Plan
1008	Part IV	Indicate that all wastewaters generated by a facility shall be managed as contaminated water in accordance with 330.207	Required	330.205(c)	Yes	Part IV - Section 8.23		Site Operating Plan
1009	Part IV	Indicate that the facility shall be designed and operated in a manner that sludges produced pass the Paint Filter Liquids Test.	Required If Requested	330.205(d)	Yes	N/A		Site Operating Plan
1012	Part IV	The owner or operator shall not discharge contaminated water without specific written authorization.	Informational	330.207(a)		Part IV - Section 8.23		Site Operating Plan

1026	Part IV	Provide plans for process area of transfer stations that recover material from putrescible or liquid waste. Such plans shall provide for the storage of processed and unprocessed waste & recycled materials in enclosed buildings, vessels, or containers.	Required If Requested	330.209(c)	Yes	N/A		Site Operating Plan
1027	Part IV	Provide a plan that describes how all waste containing food wastes shall be stored in covered or closed containers that are leak-proof, durable, and designed for safe handling and easy cleaning	Required	330.211	Yes	N/A		Site Operating Plan
1028	Part IV	Indicate that nonreusable containers shall be of suitable strength to minimize vector scavenging or rupturing.	Required	330.211(1)	Yes	N/A		Site Operating Plan
1029	Part IV	Indicate that reusable containers must be maintained in a clean condition as not to constitute a nuisance, harbor, feed, and propagate vectors.	Required	330.211(2)	Yes	N/A		Site Operating Plan
1032	Part IV	Provide a plan that describes how a citizen's collection stations shall be operated in accordance with 30 TAC §330.213	Required If Requested	330.213(a)	Yes	N/A		Site Operating Plan
1034	Part IV	A citizen's collection station may accept sharps from single-family or multi-family dwellings, hotels, motels, or other establishments that provide lodging and related services for the public. The sharps will not be considered medical waste, as defined in 30 TAC §330.3	Required If Requested	330.213(b)	Yes	N/A		Site Operating Plan

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126 E TURBO DR
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HYATT GAIL A
3116 FM 1518
SCHERTZ TX 78154

TRANG YEN MY
203 MILL ST
SCHERTZ TX 78154

PARDEE TRACY E & DIANA
303 SECOND ST
SCHERTZ TX 78154

ULBRICH JANIE
309 SECOND ST
SCHERTZ TX 78154

PRIETO RUDY J & G
109 TOMAHAWK
CIBOLO TX 78108

SORE LONNIE
1256 ABBOTSBURY
UNIVERSAL TX 78148

HUTCHINS RYAN
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WILSON CHRIS & LINDA
6575 PFEIL ROAD
SCHERTZ TX 78154

GODINES JEANETTE EVELYN
308 CHURCH STREET
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NIDO INC
C/O JIM UPTMORE
606 HASKIN DR
SAN ANTONIO TX 78209

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207 DOWMAN
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STEWART RANDY L & JUNE
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MYERS JEFF J & SARAH ELIZABETH
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OATES VALERIE J
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JOHNSON JEFFERSON
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JOHNSON ROBERT
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ARENAS DENA D
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PEREZ PEDRO & FRANCISCO REVOCABLE TRUST
212 LEE ST
SCHERTZ TX 78154-2113

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GUTIERREZ JORGE RAMON
303 CHURCH ST
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MATIN JOSHUA
824 CROSS BRANCH ST
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FAULTERSACK STEVEN ADAM & ENILDA MARY FAULTERSACK
949 BLUEFOREST DRIVE
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QUIRING GEORGE ANNE HELEN
22 SPRINGDALE CIRCLE
DALEVILLE AL 36322

TRES ANGELES LLC
206 FM 78
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A01B01 LLC
1209 SAN DARIO AVE STE 7-1999
LAREDO TX 78040

426 MAIN ST LLC
8215 TRAINER HALE
SCHERTZ TX 78154

301 FIRST STREET LLC
301 FIRST ST
SCHERTZ TX 78154

GUERRERO MARIANO & LINDA P
214 LEE ST
SCHERTZ TX 78154-2113

PEREZ PEDRO JR & VIKI
307 CHURCH ST
SCHERTZ TX 78154

SOARIN PROPERTIES LLC
204 MILL ST
SCHERTZ TX 78154

E S SCHERTZ 78 LLC
3834 SPICEWOOD SPRINGS ROAD SUITE 102
AUSTIN TX 78759

UAMD LLC
18114 RANSOM HILL
SAN ANTONIO TX 78258

BURCH ROBERT R
110 FM 78
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MARTINEZ ALFONSO R
519 FAITH DR
SAN ANTONIO TX 78228

RITCHIE RALPH & PATRICIA
206 LEE
SCHERTZ TX 78154

PEREZ ARMANDO Z
216 LEE ST
SCHERTZ TX 78154

SCHLESMAN DILLON J & MARISSA
10646 GLADYS AVE
CIBOLO TX 78108

SD APPLE PROPERTIES III LLC
13355 NOEL ROAD SUITE 1645
DALLAS TX 75240-6835

SANCHEZ ERNEST
PO BOX 1126
CIBOLO TX 78108

LNG PROPERTIES INC
216 FM 78
SCHERTZ TX 78154

LCH INSURANCE GROUP LLC
3723 SUNSET HEIGHTS
SAN ANTONIO TX 78261

PENTECOSTAL LIFE CHURCH INC
PO BOX 113
SCHERTZ TX 78154

JOHN GANNON INC
525 PARK GROVE
KATY TX 77450

LOPEZ DANY EDUARDO DBA MELANIES CAFE
3655 WOSNIG RD
MARION TX 78124

WALTEL LLC
506 MAIN ST
SCHERTZ TX 78156

CHERRINE RICHARD L & S A
534 MAIN ST
SCHERTZ TX 78154

MACINT LLC
614 LOWER VALLEY LN
CIBOLO TX 78108

ZAMORA ELIDA
710 MAIN ST
SCHERTZ TX 78154

GOMAZ JESUS CASTELLANOS & MARIA A
07 CURTISS AVE
SCHERTZ TX 78154

1017 HOLDINGS LLC MM STX LLC
603 MAIN ST
SCHERTZ TX 78154

GADDIEL & JAZIEL HOLDINGS LLC
695 GRUENE RIVER DRIVE
NEW BRAUNFELS TX 78132

HUDKUND JEAN A
3829 ARBORLAWN DR
FORT WORTH TX 76109

NEEDHAM TAMIE
1818 BURR OAK LN
ADKINS TX 78101

BECK LESLIE BECK FAMILY PARTNERS LTD
941 BECK STREET
SCHERTZ TX 78154

TWITERO FAMILY TRUST C/O TRENT & ANGELA TWITERO TRUSTEES
2161 TERMINAL LOOP RD
MC QUEENEY TX 78123-3340

RAMIREZ RICARDO & ARACELI ARRIAGA
6607 BARTON ROCK RD
SAN ANTONIO TX 78239

GARCIA ALFREDO
OLD MAIN SHERTZ LLC
132 ROUND TREE DR
SCHERTZ TX 78154

VESCOTT INVESTMENTS LLC
3736 BEE CAVES RD SUITE 1166
AUSTIN TX 78746

MOBUD LLC
1055 EASTSIDE DR
CANYON LAKE TX 78133

KIBLER PAUL & LISA
200 SCHERTZ PARKWAY
SCHERTZ TX 78154

O'ROURKE GENE
909 BECK ST
SCHERTZ TX 78154

HARRELL BRIAN R & TINA L
921 BECK STREET
SCHERTZ TX 78154

PERRILL ROBERTO & IRMA N
931 BECK ST
SCHERTZ TX 78154

GRINDLE DIANA
706 CURTISS AVE
SCHERTZ TX 78154

CHERRINE RICHARD L & SUE A
530 MAIN ST
SCHERTZ TX 78154

BUCKNER DONALD MARK & SUSAN HARRIS BUCKNER
15 FAITH HILL
DEDHAM MA 02026

HSMR INC
708 MAIN ST
SCHERTZ TX 78154

MGC LEGACY LLC
802 MAIN STREET
SCHERTZ TX 78155

PKM VENTURES LLC MWBDLR LIMITED LIABILITY COMPANY
P O BOX 284
CIBOLO TX 78154

PORTER MARK A & ROSEMARIE V
714 SILVER FOX
CIBOLO TX 78108

ROMAN NICOLE
913 BECK ST
SCHERTZ TX 78154

LYSAGHT GREGORY & ROBERT L HAMILTON
201 ROBLEDO VERDE ST
HOLLYWOOD PARK TX 78232-1113

TALAMANTEZ ORLANDO
3728 HIGHWAY 281
GORGE WEST TX 78022-4058

MASON LENA SUE
1016 GETTYSBURG DR
SCHERTZ TX 78154

RIVERA CARLOS JR & MAGDALENA
1012 GETTYSBURG DR
SCHERTZ TX 78154

MARTINEZ SERAFIN & MARGUERITE
1000 GETTYSBURG DRIVE
SCHERTZ TX 78154

HOLMES PATRICIA A
1013 GETTYSBURG DR
SCHERTZ TX 78154

VICKNAIE ZEBULON
1001 GETTYSBURG DR
SCHERTZ TX 78154

GARCIA RAUL A & D A
217 WESTCHESTER DR
SCHERTZ TX 78154

MANSELLE MARGARET A & CARL C & JANAE R DENNIS
1004 RICHMOND
SCHERTZ TX 78154

GEIER CLAUDIA
10839 LA GRANGE AVE
LOS ANGELES CA 90025

SCHERTZ CIBOLO UNIVERSAL CITY ISD
1060 ELBEL RD
SCHERTZ TX 78154

CONTRERAS ALFREDO
C/O VICTORINA S CONTRERAS 815 MAIN ST
SCHERTZ TX 78154

ALEWEL JOHN H & BARBARA J
804 EXCHANGE
SCHERTZ TX 78154

PADGETT THOMAS J & JENNIFER A
304 2ND ST
SCHERTZ TX 78154

ENNIS ALGIE H & L A
201 WESTCHESTER DR
SCHERTZ TX 78154

REICH CHRISTINA ANN JENETTE & ERICK DANYON BOSWELL
1009 GETTYSBURG DR
SCHERTZ TX 78154

WOLFGANG DEBORAH M
15854 BELLISTER ST
SELMA TX 78154

SEIGAL LYDIA
221 WESTCHESTER DR
SCHERTZ TX 78154

RODRIGUEZ LUCINDA S
305 WESTCHESTER
SCHERTZ TX 78154

GUADALUPE VALLEY ELECTRIC CO-OP
PO BOX 118
GONZALES TX 78629

SILVERS JIM W & CONNIE B SOTA JULIA
525 CURTISS AVE
SCHERTZ TX 78154

GARCIA ALCIA, LONGORIA MINISTRIES INC
281 W SAN ANTONIO
MARION TX 78124

LUNA JORGE & MICHELLE D
802 EXCHANGE AVE
SCHERTZ TX 78154

BLAHOWSKI MICHAEL
206 MALBEC COURT
AUSTIN TX 78738

GREENWALD LIVING TRUST DTD
KENNETH W GREENWALD &
THELMA R GREENWALD TRUSTEES
205 WESTCHESTER
SCHERTZ TX 78154

BUDY JOHN & GLENNDA S
304 ROANOKE DR
SCHERTZ TX 78154

KENNEY DAVID W
213 WESCHESTER DRIVE
SCHERTZ TX 78154

LIZCANO JUAN JR & M G
1000 RICHMOND DR
SCHERTZ TX 78154

HOUSING AUTHORITY OF CITY OF SCHERTZ
204 SCHERTZ PARKWAY
SCHERTZ TX 78154

SGA PROPERTIES LLC
2624 TREE CROWN
SCHERTZ TX 78154

COLGATE INVESTMENTS LLC
PO BOX 908
COLUMBUS TX 78934

SELF EMILIE JEAN
806 EXCHANGE AVE
SCHERTZ TX 78154

GOLDICK JEROME & JUDY
1316 BLACK OAK DR
SCHERTZ TX 78154

JRY ENTERPRISES LLC
2793 VALENCIA LANE
SCHERTZ TX 78154

SKROBARCZYKLA DONNA & ROBERT
1050 WINDY HILLS RD
DRIPPING SPRINGS TX 78620

PEREZ GENARO & MARTA A
810 CURTISS AVE
SCHERTZ TX 78154

HANSON-CHIPMAN KATHLEEN
201 WINBURN AVE
SCHERTZ TX 78154

THE MAPUS INVESTMENT GROUP NO 2 LTD
361 N SANTA CLARA RD
MARION TX 78124

PEREZ AMANDA RAE
700 CURTISS AVE
SCHERTZ TX 78154

GAWLIK DAVID WILLIAM & MICHELLE SUZANNE
704 EXCHANGE AVENUE
SCHERTZ TX 78154

ZIGMOND VIRGIL A
707 EXCHANGE
SCHERTZ TX 78154

FAJARDO OSCAR D & JOHANNA
720 COMMUNITY DR
NEW BRAUNFELS TX 78132-3593

WISSMANN DAVID & PAMELA E
707 MAIN ST
SCHERTZ TX 78154

FARQUHAR FRANK M
2661 TERMINAL LOOP RD
MC QUEENEY TX 78123-3368

BOSTIAN JOHN E & B A
816 CURTISS AVE
SCHERTZ TX 78154

COVEY ROGER G & PAULA
804 CURTISS AVE
SCHERTZ TX 78154

PADILLA JULIO C & CINDY LOPEZ
303 KOCH RD
SCHERTZ TX 78154

BARTELUCCI JOAN M & CYNTHIA MARIE JOHNSON
134 RHONDA DR
UNIVERSAL CITY TX 78148-3420

ARCE FAUSTINO P & M
302 PFEIL
SCHERTZ TX 78154

CALDWELL THOMAS MARK
745 ROBERT ST
SEGUIN TX 78155

ZIGMOND ANTHONY P SR & MARY M, LIVING TRUST
705 EXCHANGE
SCHERTZ TX 78154

BURDETTE MARY A & STEPHEN R
608 EXCHANGE AVE
SCHERTZ TX 78154

COLOMBO MELONY A & MICHAEL W
611 MAIN ST
SCHERTZ TX 78154

ARREOLA HARRY JAMES
304 KOCH ST
SCHERTZ TX 78154

BARDEN BRIAN WADE
814 CURTISS AVE
SCHERTZ TX 78154

CASTILLO OSCAR DANIEL
395 EAST FAUST
NEW BRAUNFELS TX 78130

DURAN RAYMOND & HELEN
301 KOCH ST
SCHERTZ TX 78154

RODRIGUEZ JAIME
181 BRIDLE PATH
SPRING BRANCH TX 78070

MC KENZIE KENNETH J
711 1/2 EXCHANGE AVE
SCHERTZ TX 78154

MILLER DWAYNE M
709 EXCHANGE
SCHERTZ TX 78154

MORGA STEPHEN V & MARY A
1700 ISAAC CREEK CR
NEW BRAUNFELS TX 78132-3593

WIEDERSTEIN RONALD W & BETTY BIESENBACH
318 E BYRD
UNIVERSAL CITY TX 78148-4507

JOHNSON DENNIS WAYNE
806 GLENWOOD CT
MC KINNEY TX 75071

LUENSMANN MARJORIE
609 MAIN ST
SCHERTZ TX 78154

PENNELL JACK D & NANCY W
301 WILLIAMS AVE
SCHERTZ TX 78154

MICHAEL KIRBY
1319 CEDAR ELM ST
NEW BRAUNFELS TX 78132-4716

REED PATRICK HENRY
306 RANDOLPH AVE
SCHERTZ TX 78154

RISLEY SUE SABO & & PAUL ALLEN
608 CURTISS AVE
SCHERTZ TX 78154

SANCHEZ BERTHA RUIZ
310 RANDOLPH AVE
SCHERTZ TX 78154

MCCUMBER CARLOS
601 CURTISS AVE
SCHERTZ TX 78154

EADS KAREN M
521 CURTISS STREET
SCHERTZ TX 78154

SOLLUNA PROPERTIES LLC
1106 BRANCH SPRING
SAN ANTONIO TX 78258

KNEUPPER KEVIN & MARY
8926 GARDEN RIDGE DR
SAN ANTONIO TX 78266

CORONADO FRANCISCO H & L T
607 MAIN ST
SCHERTZ TX 78154

LAMBERT MARIANNE R
607 EXCHANE AVE
SCHERTZ TX 78154

WEIGOLD ROBERT L & B
302 RANDOLPH AVE
SCHERTZ TX 78154

SPOON SAMMY B & I
9702 SPRUCE RIDGE DR
CONVERSE TX 78109-2783

GEIER CHRIS
10839 LA GRANGE AVE APT B
LOS ANGELES CA 90025

WOLTER WAYNE & JUDY E
9111 GOTHIS DR
UNIVERSAL CITY TX 78148-2853

YBARRA JULIAN R & T E
529 CURTISS AVE
SCHERTZ TX 78154

KRUGER JEFFERY L
519 CURTISS AVE
SCHERTZ TX 78154

CARRIAGA LUZ & MEREJILDO ESTATES & ROGER CARRIAGA, C/O ROGER CARRIAGA
522 CURTISS AVE
SCHERTZ TX 78154

M2P2 INVESTMENTS LLC
25674 LEWIS RANCH
NEW BRAUNFELS TX 78132

CANTONOVA GROUP LLC
5003 WALZEM RD 419
SAN ANTONIO TX 78217

ROBINSON LAURA NEHRING
605 EXCHANGE AVENUE
SCHERTZ TX 78154

RIOS FRANCISCO A & IRMA
139 SIOUX CIRCLE
CIBOLO TX 78108

FLORES ELIDA C
610 CURTISS AVE
SCHERTZ TX 78154

JOHLE TOMMIE A
602 CURTISS AVE
SCHERTZ TX 78154

NAVARRO ADOLFO & ERNESTINA
605 CURTISS AVE
SCHERTZ TX 78154

KNIGHT BILL & BARBARA C RLT
BILL & BARBARA C KNIGHT LIFE ESTATE
808 MITCHELL AVE
SCHERTZ TX 78154

SEIDEL GEORG M REVOCABLE LIVING TRUST
9507 E VALLEY VIEW LN
SAN ANTONIO TX 78217

ORTIZ FRANCISCA L & JESSE SALAZAR ORTIZ
520 CURTISS AVE
SCHERTZ TX 78154

MARTINEZ FELIX JR & GLORIA
12321 SCHAEFER RD
SCHERTZ TX 78108-4020

GUZMAN GERARDO & DINA KAREN
506 CURTISS AVE
SCHERTZ TX 78154

ZAMORA DAVID A
500 CURTISS AVE
SCHERTZ TX 78154

MARTINEZ RAY JR
307 RANDOLPH AVE
SCHERTZ TX 78154

HOLLINGSWORTH RODNEY & BETTY – ESTATE OF C//O RHONDA SUE HOLLINGSWORTH
9811 AUTUMN ARCH
CONVERSE TX 78109

BURTON JOHN CLYDE
1209 NEWTON STREET
AUSTIN TX 78704

SCHERTZ BANK & TRUST
519 MAIN ST
SCHERTZ TX 78154

GRANGER REALTY & INVESTMENTS LLC
137 THOMAS EDISON DRIVE
SCHERTZ TX 78154

6K PROPERTIES LLC
3121 CAMERON RIVER
SCHERTZ TX 78108

HUERTA JOE & FRANCES HUERTA & JOLEAN HUERTA
P O BOX 1898
SAN MARCOS TX 78666

MOY SCHERTZ LLC
10839 DEEP WATER BAY
SAN ANTONIO TX 78251

ALCALA CHRISTIAN
504 CURTISS AVE
SCHERTZ TX 78154

GUADARRAMA CYNTHIA APRIL
524 EXCHANGE AVE
SCHERTZ TX 78154

SANCHEZ ALBERT C
521 EXCHANGE AVE
SCHERTZ TX 78154

DORADO MICHAEL & YADIRA MARTINEZ
513 EXCHANGE AVE
SCHERTZ TX 78154

CHRISTOPHERSON ANNETTE L
509 EXCHANGE AVE
SCHERTZ TX 78154

RANDOLPH LODGE #1268
BOX 284
SCHERTZ TX 78154

DEL TORO FAMILY PARTNERSHIP
816 MAIN ST
SCHERTZ TX 78154

LUCAS FRANK M
P O BOX 2455
UNIVERSAL CITY TX 78148

VIDAL RANDAL J & MELISSA K
5322 MAPLE VISTA
SAN ANTONIO TX 78249

VETERANS OF FOREIGN WARS #8315
1000 FM 78
SCHERTZ TX 78154

FRIESENHAHN G L & C A
502 CURTISS AVE
SCHERTZ TX 78154

MAIN STREET LEGACY LLC
534 MISSON HILL RUN
NEW BRAUNFELS TX 78132-4766

ARENAS BRIDGET C
519 EXCHANGE AVE
SCHERTZ TX 78154

FRANCO AURELIO A & NANETTE A
1004 WHITE WING
SCHERTZ TX 78154

REICHERZER HUGO J & N,
C/O GARY W REICHERZER
1248 THORTON RD
HOUSTON TX 77018

HEWELL SARAH
420 CURTISS AVE
SCHERTZ TX 78154

DAILEY BALIS E JR
419 EXCHANGE AVE
SCHERTZ TX 78154

KAPADIA JAGDISH
415 MAIN ST
SCHERTZ TX 78154

AMAYA ROSARIO CESAR
900 FM 78
SCHERTZ TX 78154

BK 515 INVESTMENTS LLC
3122 RUNNING FAWN
SAN ANTONIO TX 78261

OWENS BEVERLY J
1028 FM 78
SCHERTZ TX 78154

CHAVEZ MARTIN
25919 COPPERAS LN
SAN ANTONIO 78260-2465

GONZALES ROMULO & ESTELLA
10725 ELVIRA AVE
SCHERTZ TX 78108-3216

BEXAR COUNTY
100 DOLOROSA STE 120E
SAN ANTONIO TX 78205-3087

RIVAS CLARA
11910 E FM 1518 N
CIBOLO TX 78108-3454

PEREZ TONY C & MARY F
PO BOX 545
SCHERTZ TX 78154-0545

DELEON MIKE T
10735 GLADYS AVE
SCHERTZ TX 78108

NARANJO ROBERTO
10710 GLADYS AVE
SCHERTZ TX 78108

CORONADO MIGUEL A & SANDRA
10741 ELVIRA AVE
SCHERTZ TX 78108

KNOTTS MICHAEL A
11481 E FM 1518 N
SCHERTZ TX 78154-6216

HOLMAN ERIC
201 GREENTREE
SCHERTZ TX 78154

HOLMAN ERIC, RACVIN PROPERTIES LLC
201 GREENTREE
SCHERTZ TX 78154

GONZALES SANJUANA, GONZALES MANUELITA R
12376 ERSTEIN VLY
SELMA TX 78054-3735

HUNT LARRY W
9265 SCHOENTHAL RD
GARDEN RIDGE TX 78266-2620

ALANIZ RICARDO & GLORIA
11904 E FM 1518 N
CIBOLO TX 78108-3322

STATE OF TEXAS
PO BOX 29928
SAN ANTONIO TX 78229

MARTINEZ JERRY
905 VRENSHAW CT
CIBOLO TX 78108

CASTILLO CARLOS & CARMEN G
10748 ELVIRA AVE
SCHERTZ TX 78108

UNITED STATES AIR FORCE DEPT
2261 HUGHS AVE STE 155
LACKLAND AIR FORCE BASE TX 78236

GARZA HENRY D JR & JANET
11485 E FM 1518 N
SCHERTZ TX 78154-6216

MANGHAM TOMMIE C
3390 ALTERNATE 90
SEGUIN TX 78155-0909

ARANAS JEROME
133 BEECHWOOD AVE
UNIVERSAL CITY TX 78148

CIBOLO CREEK MUNICIPAL AUTHORITY
PO BOX 930
SCHERTZ TX 78154-0930

YSJUNKIE LLC
129 MOSSRIDGE
UNIVERSAL CITY TX 78148

ARENAS JOSE
12081 AZTEX WAY
SCHERTZ TX 78108-3314

GARZA MARIA R
PO BOX 170
SCHERTZ TX 78154

SEMERSKY JIMMY & GUADALUPE
410 RIVER RD
SCHERTZ TX 78154

GONZALEZ AVELINO M
10745 ELVIRA AVE
SCHERTZ TX 78108

UNITED STATES GOVERNMENT, UNION SQUARE BLDG
10101 REUNION PL
SAN ANTONIO TX 78216-4160

DIAZ JUAN ANTONIO
11497 E FM 1518 N
CIBOLO TX 78108-3320

MAY SCOTT DEMPSEY
11491 E FM 1518 N
SCHERTZ TX 78154-6216

WHIPPLE JOHN L SR
647 BURWOOD LN
SAN ANTONIO TX 78213

t & M AUTO PARTS LTD
PO BOX 127
SCHERTZ TX 78154

HAWTHORNE JANIS
11732 VOGES PASS
SCHERTZ TX 78108-4027

CORONA MARTIN
11269 E FM 1518 N UNIT 1R
SCHERTZ TX 78154-3332

HATCHITT ESTATES INC
PO BOX 460091
SAN ANTONIO TX 78246-0091

RODRIGUEZ JOAQUIN & MARIA D
11011 E FM 1518 N
SCHERTZ TX 78154-6210

SHARROW FRANK W & JANET C
11004 E FM 1518 N
SCHERTZ TX 78154-6209

JOHNSON ELIZABETH JO
PO BOX 104
CIBOLO TX 78108-0104

MAYER HARVEY ET AL
8331 WOODCLIFF BLVD
SELMA TX 78154-3335

BARAJAS MARTHA
1802 KENTUCKY DERBY DR
CORPUS CHRISTI TX 78417-3120

TX OPERATIONS LP
2710 WYCLIFF RD
RALEIGH NC 27607

CHEAP LELAND L & JODY M
10890 E FM 1518 N
SCHERTZ TX 78154-6208

ALBERT MCCOY REVOCABLE TRUST
12531 WARE SEQUIN ROAD
SAN ANTONIO TX 78154

STOLL RICHARD M & MARICIA G REV LIVING TRUST
10004 WURZBACH #343
SAN ANTONIO TX 78230

PARKER ALEX E & FIELDER THELMA
548 MAPLE DR
SCHERTZ TX 78154-1612

CARROLL CHRISTINE O & MONTY GLEN SR
11007 E FM 1518 N
SCHERTZ TX 78154-6210

BURGESS CLAUDINE MAE V,
CIRCLE DOVE ENTERPRISES
208 WISTERIA
SAN ANTONIO TX 78213

BARTH JERRY L JR & CAROLYN B
12121 VOGES PASS
SCHERTZ TX 78108-4040

MONILAW THOMAS D & NORMA JEAN
10810 E FM 1518 N
SCHERTZ TX 78154

CANCINO ERNESTO & DORA L
11575 E FM 1518 N
CIBOLO TX 78108-3319

WILLIAMS THOMAS H & ETAL
PO BOX 127
SCHERTZ TX 78154-0127

GIBSON JANIE RUTH
10925 LISA MDWS
SCHERTZ TX 78108-3913

JACKS AUTO PARTS TRUST
1006 HOLBROOK RD
SAN ANTONIO TX 78218

MARKS JOSEPH D JR
11170 E FM 1518 N
SCHERTZ TX 78154-6211

RAWLS ROBBIE L
11015 E FM 1518 N
SCHERTZ TX 78154-6210

WOODS ELIZABETH K
11005 E FM 1518 N UNIT 2
SCHERTZ TX 78154-6223

LUGO DONNA
1627 VOGES PASS
SCHERTZ TX 78108-4041

BORTH MARVIN G & CONSUELO
VOGES PASS
SCHERTZ TX 78108-4041

BORTH CONSUELO
11933 VOGES PASS
SAN ANTONIO TX 78108

SCHERTZ CHURCH OF CHRIST
PO BOX 312
SCHERTZ TX 78154

WALL DAVID D
PO BOX 296
CONVERSE TX 78109-0296

VILLEGAS GROUP LLC
408 SALT FORK
CIBOLO TX 78108

REDLINE/STRIKETHROUGH VERSION

MUNICIPAL SOLID WASTE PERMIT
MAJOR AMENDMENT

Part I Application for Permit Amendment

(TAC Title 30 Rule §330.59)

NAME OF PROJECT: Beck Landfill

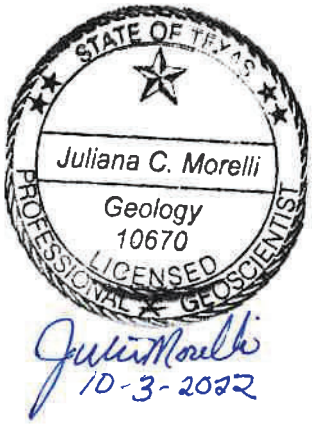
MSW PERMIT APPLICATION NO.: 1848A

OWNER: Nido, LTD (CN603075011)

OPERATOR: Beck Landfill (RN102310968)

CITY, COUNTY: Schertz, Guadalupe County

Major Amendment: September 2022



Prepared by:

POWER ENGINEERS

PROJECT NUMBER:150051.05.01

PROJECT CONTACT: Julie Morelli

EMAIL: Julie.Morelli@powereng.com

PHONE: 210-951-6424

REVISED OCTOBER 3, 2022

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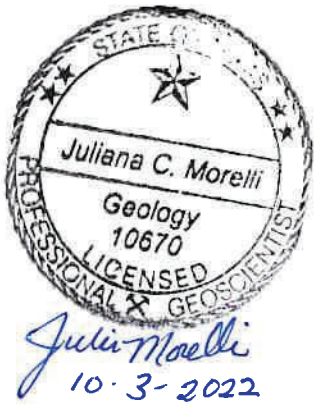


1.0 FORM TCEQ-0650 (305.45(A)(1-(5))

Texas Commission on Environmental Quality

Part I Application Form for New Permit, Permit Amendment, or Registration for a Municipal Solid Waste Facility

Application Tracking Information

Facility Name: Beck Landfill

Permittee or Registrant Name: Nido, Ltd

MSW Authorization Number: 1848A

Initial Submission Date: September 9, 2022

Revision Date: September 28, 2022

Instructions for completing this Part I Application Form are provided in TCEQ 00650-instr[1]. Include a Core Data Form (TCEQ 10400)[2] with the application for the facility owner, and another Core Data Form for the operator if different from the owner. If you have questions, contact the Municipal Solid Waste Permits Section by email to mswper@tceq.texas.gov, or by phone at 512-239-2335.

Application Data

1. Submission Type

☐ Initial Submission ☒ Notice of Deficiency (NOD) Response

2. Authorization Type

☒ Permit ☐ Registration

3. Application Type

☐ New Permit

☒ Permit Major Amendment ☐ Permit Limited Scope Major Amendment

☐ New Registration

[1] www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf
[2] www.tceq.texas.gov/goto/coredata

4. Application Fee

Amount

☒ $2,050—New Landfill Permits, and Landfill Permit Major Amendments Described in 30 TAC 305.62(j)(1)

☐ $150—Other Permits, Landfill Limited Scope Major Amendments, Permit Amendments for Storage and Processing Facilities, and Registrations

Payment Method

☐ Check

☒ Online through ePay portal www3.tceq.texas.gov/epay/

If paid online, enter ePay Trace Number: 582EA000504507

5. Application URL

For applications other than those for arid exempt landfills, provide the URL address of a publicly accessible internet web site where the application and all revisions to the application will be posted.

http://downloads.cecinc.com/Beck Landfill MSW 1848A Amendment/

6. Party Responsible for Publishing Notice

Indicate who will be responsible for publishing notice:

☐ Applicant ☐ Agent in Service ☒ Consultant

Contact Name: Cindy Wilson

Title: Project Assistance

Email Address: cindy.wilson@powereng.com

7. Alternative Language Notice

Use the Alternative Language Checklist on Public Notice Verification Form TCEQ-20244-Waste-NORI, TCEQ-20244-Waste-NAPD, or TCEQ-20244-Waste-NAORPM available at www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_notice.html to determine if an alternative language notice is required.

Is an alternative language notice required for this application?

☐ Yes ☐ No

Indicate the alternative language: spanish

8. Public Place for Copy of Application

Name of the Public Place: Schertz Library

Physical Address: 798 Schertz Parkway

City: Schertz County: Guadalupe State: TX Zip Code: 78154

Phone Number: 210-619-1700

9. Consolidated Permit Processing

Is this submittal part of a consolidated permit processing request, in accordance with 30 TAC Chapter 33?

☐ Yes ☐ No

If "Yes", indicate the other TCEQ program authorizations requested:

10. Confidential Documents

Does the application contain confidential documents?

☐ Yes ☐ No

If "Yes", reference the confidential documents in the application, but submit the confidential documents as an attachment in a separate binder marked "CONFIDENTIAL."

11. Permits and Construction Approvals

Mark the following table to indicate status of other permits or approvals.

Table 1. Permits and Construction Approvals.

Permit or Approval	Received	Pending	Not Applicable
Hazardous Waste Management Program under Texas Solid Waste Disposal Act			X
Underground Injection Control Program under Texas Injection Well Act			X
National Pollutant Discharge Elimination System Program under Clean Water Act; Waste Discharge Program under Texas Water Code, Chapter 26	X		
Prevention of Significant Deterioration Program under Federal Clean Air Act (FCAA); Nonattainment Program under the FCAA			X
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA			X

Permit or Approval	Received	Pending	Not Applicable
Ocean Dumping Permits under Marine Protection Research and Sanctuaries Act			X
Dredge or Fill Permits under Clean Water Act			X
Licenses under the Texas Radiation Control Act			X
Other (describe):			
Other (describe):			

12. Facility General Information

Facility Name: Beck Landfill

Contact Name: Grant Norman Title: General Manager

MSW Authorization Number (if existing): 1848

Regulated Entity Reference Number: **RN** 102310968

Physical or Street Address (if available): 550 FM 78

City: Schertz County: Guadalupe State: TX Zip Code: 78154

Phone Number: 210-349-2491

Latitude (Degrees, Minutes Seconds): 29º 33'7.87"

Longitude (Degrees, Minutes Seconds): -98º 15' 44.31"

Benchmark Elevation (above mean sea level): 775 feet

Description of facility location with respect to known or easily identifiable landmarks:

Gated entrance located directly off FM 78 in Schertz, TX, next door to Sonic Drive In

Access routes from the nearest United States or state highway to the facility:

Approx. 2.1 miles northeast of Loop 1604 and FM78; gated entrance on the south side.

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

☐ Yes ☐ No

13. Facility Types

☐ Type I ☒ Type IV ☐ Type V

☐ Type IAE ☐ Type IVAE ☐ Type VI

14. Activities Conducted at the Facility

☒ Storage ☒ Processing ☒ Disposal

15. Facility Waste Management Units

Check the box for each type of waste management unit proposed.

☒ Landfill Unit(s)
☐ Incinerator(s)
☐ Class 1 Landfill Unit(s)
☐ Process Tank(s)
☒ Storage Tank(s)
☐ Tipping Floor
☐ Storage Area
☒ Other (specify):

brush grinding and other recycling activities

☒ Container(s)
☒ Roll-off Boxes
☐ Surface Impoundment
☐ Autoclave(s)
☐ Refrigeration Unit(s)
☒ Mobile Processing Unit(s)
☐ Compost Pile(s) or Vessel(s)

16. Description of Proposed Facility or Changes to Existing Facility

Provide a brief description of the proposed activities if application is for a new facility, or the proposed changes to an existing facility or permit conditions if the application is for an amendment.

Vertical expansion.

17. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: Nido, Ltd.

Customer Reference Number: **CN** 603075011

Contact Name: Grant Norman Title: General Manager

Mailing Address: P.O. Box 790641

City: San Antonio County: Bexar State: TX Zip Code: 78279

Phone Number: 210-349-2491

Email Address: gnorman@beckcompanies.com

Texas Secretary of State (SOS) Filing Number: 0800579842

Operator (if different from *Site Operator*)

Name: Beck Landfill

Customer Reference Number: **CN** 603075011

Contact Name: Grant Norman Title: General Manager

Mailing Address: P.O. Box 790641

City: San Antonio County: Bexar State: TX Zip Code: 78279

Phone Number: 210-349-2491

Email Address: gnorman@beckcompanies.com

Texas Secretary of State (SOS) Filing Number: 0800579842

Consultant (if applicable)

Firm Name: Civil and Environmental Consultants, Inc.

Consultant Name: Adam Mehevec

Texas Board of Professional Engineers Firm Registration Number: F-38

Contact Name: Adam Mehevec Title: Principal

Mailing Address: 3711 S MoPac Expressway, Bldg. 1, Suite 550

City: Austin County: Travis State: TX Zip Code: 78746

Phone Number: 512-329-0006

Email Address: amehevec@cecinc.com

Agent in Service (required for out-of-state applicants)

Name: N/A

Mailing Address: _____

City: _____ County: _____ State: TX Zip Code: _____

Phone Number: _____

Email Address: _____

18. Facility Supervisor License

Indicate the level of Municipal Solid Waste Facility Supervisor license, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations, Subchapter F that the individual who supervises or manages the operations will obtain prior to commencing operations.

☒ Class A Supervisor License ☐ Class B Supervisor License

19. Ownership Status of the Facility

Business Type

☐ Corporation
☐ Individual
☐ Sole Proprietorship
☐ General Partnership
☒ Limited Partnership
☐ City Government
☐ County Government
☐ State Government
☐ Federal Government
☐ Other Government
☐ Military
☐ Other (specify): _____

Facility Owner

Does the Site Operator (Permittee or Registrant) own all the facility units and all the facility property?

☐ Yes ☐ No

If "No", provide the following information for other owners.

Owner Name: Cibolo Industries, LTD

Mailing Address: P.O. Box 790641

City: San Antonio County: Bexar State: TX Zip Code: 78279

Phone Number: 210-349-2491

Email Address: gnorman@beckcompanies.com

20. Other Government Entities Information

Texas Department of Transportation

District: San Antonio

District Engineer's Name: Gina E. Gallegos, P.E.

Mailing Address: 4615 NW Loop 410

City: San Antonio County: Bexar State: TX Zip Code: 78229

Phone Number: 210-615-1110

Email Address: Gina.Gallegos@txdot.gov

Local Government Authority Responsible for Road Maintenance (if applicable)

Government or Agency Name: City of Schertz
Contact Person's Name: Suzanne Williams
Mailing Address: 10 Commercial Place
City: Schertz County: Guadalupe State: TX Zip Code: 78154
Phone Number: 210-619-1800
Email Address: swilliams@schertz.com

City Mayor Information

City Mayor's Name: Ralph Gutierrez
Mailing Address: 1400 Schertz Parkway
City: Schertz County: Guadalupe State: TX Zip Code: 78154
Phone Number: 210-619-1000
Email Address: Ralphgutierrez@schertz.com

City Health Authority

Authority Name: City of Schertz
Contact Person's Name: Amanda Cantu, Sanitarian
Mailing Address: 1400 Schertz Parkway
City: Schertz County: Guadalupe State: TX Zip Code: 78154
Phone Number: 210-619-1673
Email Address: acantu@schertz.com

County Judge Information

County Judge's Name: Kyle Kutscher
Mailing Address: 101 East Court Street
City: Seguin County: Guadalupe State: TX Zip Code: 78155
Phone Number: 830-303-8857
Email Address: Kyle.Kutcher@co.guadalupe.tx.us

County Health Authority

Agency Name: Guadalupe County Environmental Heath Department
Contact Person's Name: Shelly Reed Jackson
Mailing Address: 2605 N. Guadalupe Street
City: Seguin County: Guadalupe State: TX Zip Code: 78155
Phone Number: 830-303-4188
Email Address: shelly.jackson@co.guadalupe.tx.us

State Representative Information

District Number: 44

State Representative's Name: John Kuempel

District Office Mailing Address: 200 N. River Street #100-E

City: Seguin County: Guadalupe State: TX Zip Code: 78155

Phone Number: 830-379-8732

Email Address: John.Kuempel@house.texas.gov

State Senator Information

District Number: 25

State Senator's Name: Donna Campbell

District Office Mailing Address: 229 Hunters Village, Ste. 105

City: New Braunfels County: Comal State: TX Zip Code: 78132

Phone Number: 830-626-0065

Email Address: Donna.Campbell@senate.texas.gov

Council of Governments (COG)

COG Name: Alamo Area Council of Governments

COG Representative's Name: Diane Rath

COG Representative's Title: Executive Director

Mailing Address: 2700 NE Loop 410, Suite 101

City: San Antonio County: Bexar State: TX Zip Code: 78217

Phone Number: 210-362-5200

Email Address: drath@aacog.com

River Basin Authority

Authority Name: San Antonio River Authority

Contact Person's Name: Derek Boese, General Manager

Watershed Sub-Basin Name: Mid Cibolo Creek

Mailing Address: 201 W. Sheridan

City: San Antonio County: Bexar State: TX Zip Code: 78204

Phone Number: 210-302-3616

Email Address: Dboese@sariverauthority.org

U.S. Army Corps of Engineers District

Indicate the U.S. Army Corps of Engineers district in which the facility is located:

☐ Albuquerque, NM ☐ Galveston, TX

☒ Ft. Worth, TX ☐ Tulsa, OK

Local Government Jurisdiction

Within City Limits of: Schertz

Within Extraterritorial Jurisdiction of: _____

Is the facility located in an area in which the governing body of the municipality or county has prohibited the storage, processing, or disposal of municipal or industrial solid waste?

☐ Yes ☐ No

If "Yes", provide a copy of the ordinance or order as an attachment.

Signature Page

Site Operator or Authorized Signatory

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Grant Norman Title: General Manager

Email Address: gnorman@beckcompanies.com

Signature: _____ Date: 10/3/2022

Operator or Principal Executive Officer Designation of Authorized Signatory

To be completed by the operator if the application is signed by an authorized representative for the operator.

I hereby designate Grant Norman as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

Operator or Principal Executive Officer Name: Ben Davis

Email Address: bdavis@beckcompanies.com

Signature: _____ Date: 10/3/2022

Notary

SUBSCRIBED AND SWORN to before me by the said BEN DAVIS

On this 3 day of OCTOBER, 2022

My commission expires on the 24 day of OCTOBER, 2025

Lori S Navarro

Notary Public in and for

BEXAR County, Texas

Lori S Navarro
My Commission Expires
10/24/2025
Notary ID
7177468

Note: Application Must Bear Signature & Seal of Notary Public

Part I Attachments

Refer to instruction document 00650-instr for professional engineer seal requirements.

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Supplementary Technical Report	2.0
Property Legal Description	5.0
Property Metes and Bounds Description	5.0
Facility Legal Description	5.0
Facility Metes and Bounds Description	5.0
Metes and Bounds Drawings	5.0
On-Site Easements Drawing	
Land Ownership Map	4.0
Landowners List	4.0
Mailing Labels (printed and electronic)	4.0
Texas Department of Transportation (TxDOT) County Map	4.0
General Location Map	4.0
General Topographic Map	4.0
Verification of Legal Status	6.0
Property Owner Affidavit	6.0
Evidence of Competency	7.0

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
■ TCEQ Core Data Form(s)	1.1
☐ Signatory Authority Delegation	N/A
■ Fee Payment Receipt	9.0
☐ Confidential Documents	N/A
☐ Waste Storage, Processing and Disposal Ordinances	N/A
☐ Final Plat Record of Property	N/A

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
■ Certificate of Fact (Certificate of Incorporation)	6.0
☐ Assumed Name Certificate	N/A
Other (describe):	
Other (describe):	
Other (describe):	

1.1 Core Data Form

1.2 Permits or Construction Approvals (305.4(a)(7))

The following permits or construction approvals and regulatory programs were reviewed as they relate to Beck Landfill and are found to be not applicable:

- Hazardous Waste Management Program under the Texas Solid Waste Disposal Act;
- 30 TAC §331.121: No Class I Wells are present on-site or will be installed on-site;
- 30 TAC §331.122: No Class III Wells are present on-site or will be installed on-site;
- 30 TAC §305.50: The Beck Landfill is not applying for a hazardous or industrial solid waste permit or a post-closure order; therefore, this regulation does not apply.
- 30 TAC §305.48: The Beck Landfill is not applying for a wastewater discharge permit;
- 30 TAC §305.54: The Beck Landfill is not applying for a radioactive materials disposal license;
- 30 TAC §336.207: The Beck Landfill is not applying for a radioactive materials disposal license;
- 30 TAC §336.513: The Beck Landfill is not applying for a permit covering the disposal of radioactive material;
- 30 TAC §336.617: The Beck Landfill is not applying for a permit covering the disposal of radioactive material;
- Beck landfill is not regulated under the Prevention of Significant Deterioration Program under the Federal Clean Air Act (FCAA);
- No additional requirements associated with a Nonattainment Program under the FCAA apply to Beck Landfill.
- National emission standards for hazardous air pollutants preconstruction approval under the FCAA are not applicable to Beck Landfill.
- Ocean dumping permits under the Marine Protection Research and Sanctuaries Act does not apply to Beck Landfill.
- No dredge or fill permits under the FCAA;
- No licenses under the Texas Radiation Control Act;
  No subsurface area drip dispersal system permits under Texas Water Code, Chapter 32.

Other environmental permits and programs that apply at Beck Landfill include;

- 30 TAC §330 Subchapter E: As a solid waste landfill facility, the Beck Landfill has developed an SOP in compliance outlining the facility's methods for complying with 30 TAC §330 Subchapter D. The Beck Landfill does not operate a separately authorized solid waste storage or processing activity at the landfill as described in 30 TAC §330.201; therefore, this regulation does not apply.
- 30 TAC §305.48: Beck Landfill is authorized to discharge stormwater associated with industrial activities under the Texas Pollutant Discharge Elimination System (TPDES) Multi-Sector General Permit, Sector L (landfills) issued August 2021.

2.0 SUPPLEMENTARY TECHNICAL REPORT (305.45(A)(8))

2.1 General Description of the Facility (305.45(a)(8))

Beck Landfill is located on approximately 163 acres in Schertz, Texas. The Landfill is operated in accordance with the existing Municipal Solid Waste (MSW) Permit Number 1848A as a Type IV construction and demolition debris disposal site. Waste loads are inspected at the entrance to the landfill and approved loads, transported by third-party haulers, are weighed and directed to the active, working face of the Landfill. Loads containing unauthorized waste streams are rejected and are directed off the premises. Access to the site is controlled through a lockable gate and manned scale office. Appropriate signage is posted to instruct haulers regarding permitted activities.

The majority of industrial activities are conducted outdoors. Outdoor activities include the occasional use of a screening plant, operation of a Type IV landfill, a truck scale, a ticket office, equipment parking, and material storage areas. Soil cover on the working face is applied weekly or more frequently, as needed. Rainwater that comes into contact with the active working face is captured and isolated to prevent a discharge. Liquids derived from areas where trash is placed is collected and pumped back to the working face for dust control. No discharge or removal of leachate is performed.

Following unloading, haul trucks return to the scale to determine the weight of material disposed. Haulers are issued a ticket to track the costs and quantities associated with the disposal. Windblown trash is collected daily, or as needed, to prevent nuisance conditions.

Beck Landfill does not operate a collection or transportation service for waste disposed at the Landfill. Beck does not perform treatment of wastes prior to disposal. No injection activity occurs on-site or is planned to occur on-site in the future.

3.0 FACILITY LOCATION (330.59(b))

Beck Landfill is located off of Farm to Market Road (FM) 78 in Schertz, Guadalupe County, Texas. Travel west along FM78, approximately 2.6 miles from East Loop 1604 in San Antonio, Texas. The Landfill is located on the south side of FM78, next door to the Sonic Drive-In.

The coordinates to the entrance of the landfill are: -98.2645733º North, 29.5545795º West

4.0 MAPS (330.59(c))

General location maps and land ownership maps are included as attachments to Part I of this Application in conformance with 30 TAC 305.46 and 335.59(c). Part I of this major modification application includes General Location Maps showing the property boundary, latitudes and longitudes, and other required information. In addition, Part I includes the Land Ownership Map. Additional information is provided in Section 5.0 below.

5.0 PROPERTY OWNER INFORMATION (330.59(d))

5.1 Updated Landowner Tracts

Nido, LTD and Cibolo Industries, LTD are now the two legal entities owning all parcels within the permitted boundary for MSW Permit #1848A. The recently executed deeds are provided herein. The records at the Guadalupe County Appraisal District (GCAD) are still updating, so GCAD Maps do not represent the current ownership.

5.3 Property Owner Affidavit – Nido, LTD

Property Owner Affidavit
Complete the form below. If the individual signing the affidavit is the property owner of record, enter the name on the "Printed Signatory Name" line only and omit the "Signatory Capacity" and "Printed Name of Property Owner of Record" lines. Otherwise, complete this form in its entirety.
For Landfill Facilities:

"I/We, Ben Davis, as Manager

(Printed Signatory Name) (Signatory Capacity)

As authorized signatory for Cibolo Industries, Ltd.

(Printed Name of Property Owner of Record)

acknowledge that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure and post-closure of the facility. For a facility where waste will remain after closure, I acknowledge that I have a responsibility to file with the county deed records an affidavit to the public advertising that the land will be used for a solid waste facility prior to the time that facility actually begins operating as a municipal solid waste landfill facility, and to file a final recording upon completion of disposal operations and closure of the landfill units in accordance with Title 30 Texas Administrative Code §330.19, Deed Restriction. I further acknowledge that I or the operator and the State of Texas shall have access to the property during the active life and post-closure care period."

(Property Owner Signature) 10/3/2022 (Date)

6.0 LEGAL AUTHORITY (330.59(e))

Verification of legal status (30 TAC §218.5 and §330.59(e))
Attach to this form verification of legal status. This may be a one-page certificate of incorporation (Certificate of Fact), issued by the Texas SOS. If providing an alternative document documenting legal status, attach that form instead. In addition, provide a list of all persons having over 20% ownership in this facility in the table below (attach additional pages as necessary):

Nido LTD dba Beck Landfill:

Name	Title	Contact Information
Nido, Ltd.	Owner/Operator	210-349-2491
Cibolo Industries, Ltd.	Owner (landowner)	210-349-2491

7.0 EVIDENCE OF COMPETENCY (330.59(f))

Evidence of Competency:

Provide the below information per 30 TAC §330.59(f) as applicable to the facility (attach additional sheets as needed).

List of all Texas solid waste sites that the owner and operator have owned or operated within the last ten years:

Site Name	Site Type	Permit/Reg No.	County	Dates of Operation
Beck Landfill	MSW Type IV	1848	Guadalupe	1985-Now

List of all solid waste sites in all states, territories, or counties in which the owner and operator have a direct financial interest:

Site Name	Location	Dates of Operation	Regulatory Agency (Provide Name and Address)
Beck Landfill	Guadalupe County	1985-Now	TCEQ 12100 Park 35 Circle, Austin, TX

Names of the principals and supervisors of the owner's and operator's organization, together with previous affiliations with other organizations engaged in solid waste activities.

Name	Previous Affiliation	Other Organization
Ben Davis, Principal/Owner	30+ years Beck Landfill, Nido, LTD (MSW Permit #1848)	None
Ken McCarty, Principal/Owner	30+ years Beck Landfill, Nido, LTD (MSW Permit #1848)	Multi-Source Sand and Gravel Company, Ltd.
Lee McCarty, Principal/Owner	30+ years Beck Landfill, Nido, LTD (MSW Permit #1848)	Multi-Source Sand and Gravel Company, Ltd.
Grant Norman, Managing Director	30+ years of waste industry and landfill operations experience Beck Landfill, Nido, LTD (MSW Permit # 1848)	Browning Ferris Industries Type I Landfill: Industrial Waste and Landfill Operations Waste Management Type I Landfill: Industrial Waste Operations Texas Disposal Systems Type I Landfill: Environmental Management and Sales Management

For landfill permit applications only, evidence of competency to operate the facility shall also include landfilling and earthmoving experience if applicable, and other pertinent experience, or licenses as described in 30 TAC 30 possessed by key personnel. The number and size of each equipment type to be dedicated to facility operation should be specified in greater detail on Part IV of the application within the site operating plan.

Beck Landfill Equipment List

Equipment Description	Number of Units per CU Yards		Equipment Size	Equipment Function
	≤1.5 million cubic yards/year	>1.5 million cubic yards/year		
Landfill compactor	1	2	Minimum weight of 50,000 pounds	Waste compaction and fire protection
Bulldozer	1	1	Caterpillar D6 or equivalent	Waste spreading, waste compaction, cover soil spreading, slope maintenance and fire protection
Excavator	1	1	Minimum weight of 20,000 pounds	Cover soil excavation, cell excavation, construction and fire protection
Front End Loader	1	2	John Deere 544 equivalent or larger	Loading of soil, fire protection, retrieval of recyclable materials and removal of non-conforming wastes from the working face, road maintenance
Dump Truck	1	2	Minimum heaped capacity of 10 cubic yards	Hauling of cover soil, hauling of excavated cell materials, and fire protection
Motor Grader/Maintainer	1	1	Minimum eight of 10,000 pounds	Site road maintenance, slope maintenance
Water Pump	1	1	4” or 6” Pump	Removal of below grade stormwater and perched groundwater
Water Truck	1	1	Minimum 1,500-gallon tank capacity	Site maintenance, dust control, and fire protection
Sweeper	1	1	Minimum 4ft broom width	Site maintenance, hard surface sweeping, dust and mud control

Landfill Staffing Levels

Landfill Position	**Name(s)**	**License/Certification and Expiration**
Landfill Facility Manager (LFM)	Grant Norman	MWSOL MSW Operator A No. SW0005998 Exp. 6/20/2023
Landfill Supervisor (LS)	1	Working on Operator A licensing
Equipment Operators	3 – 5	N/A
Gate Attendants	1 – 2	N/A
Landfill Spotters	2 – 5	N/A
Other Personnel (laborers)	1 – 3	N/A

8.0 APPOINTMENTS (330.59(g))

9.0 APPLICATION FEE (330.59(h))

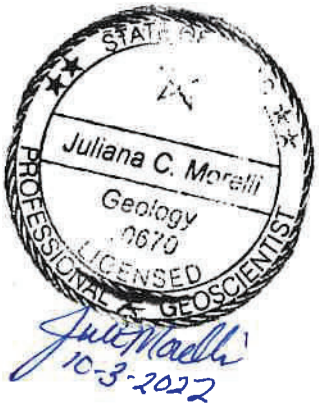
10.0 SUPPLEMENTAL INFORMATION

Updates to MSW Permit 1848A are proposed to incorporate all prior minor and major modifications and amendments to the current MSW Permit No. 1848A. In addition, this facility proposes a vertical expansion of the landfill that will increase capacity and address recent changes to the National Oceanic and Atmospheric Administration (NOAA) Atlas 14 (Volume 8 Version 2).

MUNICIPAL SOLID WASTE PERMIT
MAJOR AMENDMENT

Part II of Application (TAC Title 30 Rule §330.61)

NAME OF PROJECT: Beck Landfill
MSW PERMIT APPLICATION NO.: 1848A
OWNER: Nido, LTD (CN603075011)
OPERATOR: Beck Landfill (RN102310968)
CITY, COUNTY: Schertz, Guadalupe County
Major Amendment: September 2022



P.E. SEAL
PROJECT NUMBER: 150051.05.01
PROJECT CONTACT: Julie Morelli
EMAIL: Julie.Morelli@powereng.com
PHONE: 210-951-6424

REVISED OCTOBER 3, 2022

MUNICIPAL SOLID WASTE PERMIT
MAJOR AMENDMENT

PART III-ATTACHMENT A
SITE DEVELOPMENT PLAN

NAME OF PROJECT: Beck Landfill

MSW PERMIT APPLICATION NO.: 1848A

OWNER: Nido, LTD (CN603075011)

OPERATOR: Beck Landfill (RN102310968)

CITY, COUNTY: Schertz, Guadalupe County

Major Amendment: September 2022

Revision 1 October, 2022

Prepared by:

Civil & Environmental Consultants, Inc.

Texas Registration Number F-38
3711 S MoPac Expressway
Building 1 Suite 550,
Austin, Texas 78746
(512) 329-0006

TABLE OF CONTENTS

1.0 INTRODUCTION

Consistent with 30 TAC §330.63(a), this site development plan narrative is included as Attachment A - Site Development Plan. Attachment A provides an outline of the criteria used in the design of this facility for safeguarding the health, welfare, and physical property of the public and environment. The site development plan narrative also includes references to discussion of the geology, soil conditions, drainage, land use, zoning, adequacy of access roads and highways, and other considerations specific to this facility. At the time of the submittal of the application, there were no delinquent fees shown for the regulated entity or the customer associated with this facility.

1.1 SITE LOCATION AND HISTORY

The Beck Landfill, located at 550 FM 78 in Schertz, Texas Guadalupe County, is an existing Type IV Solid Waste Disposal Facility which accepts brush, construction, or demolition waste, and/or rubbish in accordance with applicable State and Federal regulations. The Beck Landfill may not accept putrescible wastes, conditionally exempt small-quantity generator waste, or household wastes. The facility is currently owned by Cibolo Industries, Ltd. and operated by Nido, Ltd. The initial facility was given provisional authorization in 1985 by the Texas Department of Health (TDH) (See letters from TDH in Appendix A). The provisional authorization required that the facility file a MSW landfill permit application to obtain permanent authorization by November 8, 1985. MSW Permit 1848 was issued by the TDH in 1989. At the time of the 1989 application to the TDH, the applicant documented that waste disposal was taking place "in the south west end of the site, and in the north west portion of the site. These areas contain the ancient fill from Randolph Air Force Base, and part of the fill which has been placed while operating under the "Grandfather Status" set out in the compliance letter from the Texas Department of Health Bureau of Solid Waste Management dated October 16, 1985.

In addition, the application documented that gravel was "being removed from this area around the old Randolph Air Force Base fill. In general, the old fill is not being disturbed. When edges of the fill are encountered, excavation is halted, and the exposed face is investigated. If the characteristics of the fill are proper, the fill is covered immediately. Scattered and random surficial fill materials, usually 4 feet or less in depth, as well as improperly installed fills, as encountered in areas from which gravel is to be removed, are relocated to the current fill placement area, and placed in accordance with current TDH regulations."

1.2 FACILITY DESCRIPTION

General activities which occur daily, include; but are not limited to, acceptance of construction and demolition waste; earth moving activities for periodic below-grade cell construction; excavation and application of daily, intermediate and final cover material to waste; stormwater management; minimization of leachate through currently permitted operational methods; construction quality assurance; maintenance of facility equipment, roads and structures; monitoring of groundwater; and monitoring for subsurface gas migration. The facility consists of a perimeter fence, scalehouse, maintenance shop, all-weather roads, soil stockpiles, groundwater monitoring wells, gas monitoring wells, and solid waste disposal area. Facilities for the control of stormwater runoff/run-on include benches, ditches and detention ponds and associated drainage structures.

This amendment application seeks to increase the maximum permitted height of the disposal unit as depicted on the drawings included in Part III-Appendix D. No change in the permitted landfill footprint is proposed. The entire footprint of the disposal area has been previously excavated and partially filled, so no changes to the bottom excavation grades are proposed. The maximum permitted top of final cover elevation is proposed to be increased from 771 feet MSL to 890 feet MSL. No significant operational changes are being proposed as part of this amendment request. The following table summarizes the proposed changes to the Facility Site Development and Site Operating Plans:

	Existing - Permit No. 1848	Expansion - Permit No. 1848A
Permitted Area (acres)	248.6	257.9
Waste Disposal Area (acres)	212	155
Total Capacity (cy)	12,383,486	26,417,117
Total Remaining Capacity	2,225,966	16,259,957
Remaining Site Life (years)	3	23
Maximum Elevation of Final Cover (msl)	771	890
Minimum Elevation of Landfill Excavation (ft-msl)	Varies based on encountered subsurface conditions	No change
Operating Hours	7:00 am to 7:00 pm	24 hours/day
Operational Procedures	Accepts brush, construction, or demolition waste, and/or rubbish	No Change

Stormwater Management System	Interim stormwater ponds only	Adding new permanent stormwater detention pond on southeast side of the landfill
Liner System Design	In-situ clay liner	No change
Groundwater Monitoring	5 monitor wells	No change
Gas Monitoring Probes	6 monitoring probes	No change

* Remaining capacity as of June 16, 2021.

1.3 LAND USE AND ZONING

An analysis of land use and potential impact on the area surrounding the facility was prepared and included in Appendix IIB. The proposed Beck Landfill is located within the city limits of Schertz, Texas. The site is currently zoned M-2 (Heavy Manufacturing), which allows for landfilling with the approval of a specific use permit. The landfill pre-dates the establishment of zoning in this area and therefore the current use is allowed to continue as long as there is no lateral expansion of the landfill.

1.4 ADEQUACY OF ACCESS ROADS AND HIGHWAYS

A transportation study providing information related to access roads and vehicular traffic with respect to the facility expansion is included in Part II. There are no existing or planned restrictions on the main access roadways within one mile of the site that would preclude safe and efficient operations for landfill vehicles and other traffic in the area.

Access to the facility from the nearest State Highway (Loop 1604) is approximately 3 miles via the intersection of Loop 1604 and Farm-to-Market Road 78 (FM 78) and approximately 4 miles south of the intersection of FM 1518 and Interstate Highway 35. There are no known weight restrictions on the local or regional roads in the proximity of the facility other than the maximum legal weight limit of 80,000 pounds. Refer to Part II, Attachment 8, for full traffic analysis and Attachment 9 for the TxDOT coordination letter.

2.0 GENERAL FACILITY DESIGN

Consistent with §330.63(b), the general facility design information for the expansion is included in Attachment B- General Facility Design. Attachment B includes narrative and drawings that provide the required general facility design information including a discussion on facility access

control as required by §330.63(b)(1), a generalized process design and working plan of the facility that describes waste movement as required by §330.63(b)(2), a description of how solid waste processing facilities will be designed to facilitate proper cleaning as required by §330.63(b)(3), a description of how all liquids resulting from the operation of solid waste processing facilities will be disposed of in a manner that will not cause surface water or groundwater pollution as well as the treatment of wastewaters resulting from the process or from cleaning and washing as required by §330.63(b)(4), and a general discussion of how the facility is designed to protect endangered and threatened species as required by §330.63(b)(5).

3.0 FACILITY SURFACE WATER DRAINAGE DESIGN

Consistent with §330.63(c), the facility surface water drainage design information for the expansion is included in Attachment C - Facility Surface Water Drainage Report. Attachment C includes a narrative discussion, drawings, and calculations that demonstrate how the facility is designed to meet the drainage and flood control requirements of §330.63(c) and §§330.303, 330.305, and 330.307. The surface water drainage design report includes analyses of the existing conditions, post-development conditions, and design of the surface water management system including final cover drainage facilities, perimeter drainage channels, and detention and sedimentation ponds; and also includes an erosion and sediment control plan for all phases of landfill development. The facility surface water drainage design report demonstrates that existing drainage patterns will not be adversely altered. In addition, a demonstration that the proposed landfill footprint and proposed processing facilities are not located within the 100-year floodway is included.

4.0 WASTE MANAGEMENT UNIT DESIGN

Consistent with §330.63(d), the waste management unit design information for the expansion is included in Attachment D - Waste Management Unit Design. Attachment D includes a narrative, drawings, and calculations that demonstrate how the facility is designed to meet §330.63(d)(1) for storage and transfer units and §330.63(d)(4) for landfill units.

The storage and transfer units located within the facility boundary will include a wood waste processing area. Attachment B - General Facility Design provides details on these storage and transfer units. Attachment B also includes a narrative and drawings that demonstrate how the

facility is designed to meet §330.63(b) and §330.63(d)(1) for general facility design and waste management unit design.

The landfill unit has been designed to meet the requirements of §330.63(d)(4), and §330.331(d)(1) for an in-situ liner. All liquids resulting from the operation of the solid waste facilities shall be disposed of in a manner that will not cause surface water or groundwater pollution. Any wastewaters resulting from waste management activities and from cleaning and washing will be treated either onsite or at an offsite treatment facility in compliance with TCEQ regulations. Beck Landfill shall ensure that stormwater and wastewater is managed in compliance with the regulations.

The landfill unit design includes provisions for all-weather operations, proposed landfill method, elevation of deepest excavation, maximum elevation of waste and final cover, waste disposal rate and operating life of the landfill, landfill unit cross sections, and construction and design details of the landfill unit. In addition, Attachment D includes the geotechnical design report for the facility, the liner quality control plan, the contaminated water management plan, and the final cover quality control plan.

5.0 GEOLOGY REPORT

Consistent with §330.63(e), the geology and soil information for the expansion is included in Attachment E - Geology Report. Attachment E includes a narrative discussion, evaluations, and figures that provide the information required by §330.63(e). The geology report includes descriptions of the regional geology and hydrogeology, geologic process, regional aquifers, subsurface investigations, geotechnical properties of subsurface soils, and fault and seismic conditions. The geology report includes the evaluation and demonstrations which confirm that the geology and soil conditions are suitable for operations as a municipal solid waste disposal facility.

6.0 GROUNDWATER SAMPLING AND ANALYSIS PLAN

Consistent with §330.63(f), the groundwater sampling and analysis plan is included as Attachment F – Groundwater Monitoring Plan. Attachment F includes a narrative discussion, evaluations, and figures that provide the information required by §330.63(f) and §§330.401 through 330.421. The groundwater monitoring plan includes, among other things,

the point of compliance, contaminant pathway analysis, groundwater monitoring program, detection monitoring program, and groundwater sampling and analysis plan.

7.0 LANDFILL GAS MANAGEMENT PLAN

The site is not required to install a gas collection and control system, however, landfill gas probes have been installed along the perimeter of the landfill to monitor for any gas traveling in the sub-surface. The landfill gas management plan is included in Attachment G. The construction and operation of the waste management facility shall comply with Subchapter U of 30 TAC Chapter 330 (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations) or other approved air authorizations. Owners or operators of these types of facilities should consult with the Air Permits Division on or before the date that the municipal solid waste application is filed with the executive director

8.0 CLOSURE PLAN

Consistent with §330.63(h), the closure plan is included as Attachment H - Closure Plan. Attachment H includes narrative, evaluations, and maps and drawings that provide the information required by §330.63(h), §330.457, §330.459 and §330.461. The closure plan includes the procedures to be taken for ongoing closure of the facility and following final acceptance of waste and certification of final closure. The closure plan describes the final cover system, closure procedures, and a closure schedule.

9.0 POSTCLOSURE PLAN

Consistent with §330.63(i), the post closure plan is included as Attachment I - Postclosure Plan. Attachment I includes a narrative discussion that provides the information required by §330.63(i), §330.463 and §330.465. The postclosure plan includes the procedures to be taken for postclosure care maintenance of the facility following closure including postclosure care certification. The postclosure plan describes the postclosure care activities, persons responsible for conducting postclosure care activities, and postclosure land use.

10.0 COST ESTIMATES FOR CLOSURE AND POSTCLOSURE CARE

Consistent with §330.630), the cost estimates for closure and postclosure care are included as Attachment J - Cost Estimates for Closure and Postclosure Care. Attachment J includes a narrative

discussion, evaluations, calculations, and drawings that provide the information required by §330.630). The detailed cost estimate for closure meets the requirements of §330.503. The detailed cost estimate for postclosure care meets the requirements of §330.507. This plan also provides procedures to adjust the cost estimates during the life of the facility and describes the evidence of financial assurance, as required.

MUNICIPAL SOLID WASTE PERMIT
MAJOR AMENDMENT

PART III-ATTACHMENT G
LANDFILL GAS MONITORING PLAN

NAME OF PROJECT: Beck Landfill

MSW PERMIT APPLICATION NO.: 1848A

OWNER: Nido, LTD (CN603075011)

OPERATOR: Beck Landfill (RN102310968)

CITY, COUNTY: Schertz, Guadalupe County

Major Amendment: September 2022
Revision1-October 2022

Prepared by:

Civil & Environmental Consultants, Inc.

Texas Registration Number F-38
3711 S MoPac Expressway
Building 1 Suite 550,
Austin, Texas 78746
(512) 329-0006

Contents

30 TAC§§330.159, 330.125, 330.371

List of Appendices

APPENDIX G-A
Gas Probe Installation Report

1.0 Introduction

30 TAC§§330.159, 330.125, 330.371

The site manager is responsible for executing the Landfill Gas Management Plan in order to ensure that the concentration of methane gas generated by the facility does not exceed 1.25% by volume in facility structures (excluding gas control or recovery system components, if any), and the concentration of methane gas does not exceed 5% by volume in monitoring points, probes, subsurface soils, or other matrices at the facility boundary defined by the legal description in the permit.

Type and Frequency of Monitoring

Beck LF determined the type and frequency of monitoring based upon the factors described herein.

Soil Conditions: Within the LF perimeter flood control dike and along Lines D, E, F, G, and the northeastern side of A, the dominant soil type is mapped as Sunev loam, 0 to 1 percent slopes. This well drained soil may be up to 72 inches deep, comprised of up to 70% calcium carbonate, and is defined as Hydrologic Soil Group B. Along the northwestern side of Line A, the dominant soils type is the Barbarosa silty clay (0 to 1 percent slopes). This well drained soil may be up to 72 inches deep, comprised of clayey alluvium, and is defined as Hydrologic Soil Group C. Along Lines B and C, the dominant soil type is the Bosque and Seguin soils, frequently flooded. This well drained soil is typical of floodplains and may be up to 62 inches deep, comprised of up to 20% calcium carbonate, and defined as Hydrologic Soil Group B. These soils are not hydric.

Hydraulic and Hydrologic Conditions: The Landfill is constructed within an oxbow of the Cibolo Creek. The floor of the landfill is keyed into the Taylor-Navarro Shale, a clay formation that acts as a natural, impermeable liner. The landfill is enclosed by a slurry trench within a compacted clay embankment. The embankment and slurry trench were designed to isolate the landfill from communication with shallow, perched groundwater associated with the surrounding Cibolo Creek.

Location of Facility Structures and Property Boundaries: There are only three, permanent, enclosed structures within the facility boundary: the readymix plant office located approximately

885 feet from the toe of the embankment; the scalehouse located approximately 610 feet from the toe of the embankment, and an uninhabited house located approximately 1,030 feet from the perimeter embankment. All other structures at the facility are temporary. Monitoring of these enclosed structures is not proposed at this time. If the concentration of methane in the landfill gas monitoring probes approaches the LEL monitoring of these enclosed structures will be considered.

Utility Lines and Pipelines: There are two utility lines that approximately parallel the northwest side of the landfill (along Lines B and C). One is an old wastewater line, constructed of clay pipe, the other is a cast-iron water line. The clay pipe wastewater line is approximately 75 feet northwest of the toe of the flood-control dike along which the landfill gas monitoring probes will be installed. The water line is about 150 to 200 feet northwest of the toe of the flood control dike. The exact locations of these utility lines are unknown, even to the City of Schertz. Neither landfill gas monitoring probes nor vents along the utility lines are proposed at this time. These will be considered only if the concentration of methane in the landfill gas monitoring probes approaches the LEL.

2.0 Landfill Gas Management Plan

Introduction

This Landfill Gas Management Plan ("Plan") has been developed for the Beck Landfill, a Type IV landfill in Schertz, Texas, as required by 30 Tex. Admin. Code (TAC) §330.63(g). This Plan addresses the requirements set forth in 30 TAC §330.371. The Plan describes the proposed system, including installation procedures, monitoring procedures, and procedures to assess the need for maintenance, repair, or replacement; and backup plans to be used if the monitoring system becomes ineffective or must be expanded. This Plan also outlines notification procedures and possible remediation activities, if required.

The requirements of this landfill gas management plan will be in effect through the remainder of the operating life of the landfill, landfill closure, and will continue for a period of 5 years after certification of final closure of the facility, unless altered by TCEQ. Any revisions to this plan will be submitted to TCEQ for review and approval. Information may be submitted to the Executive Director, to reduce gas monitoring and control. The information must demonstrate no potential for gas migration beyond the property boundary or into on-site structures. Gas monitoring shall be revised & maintained as needed; post-closure land use shall not interfere with the gas monitoring system and all utility trenches crossing the facility shall be vented & monitored.

Facility Boundary Monitoring Network

Six landfill gas monitoring probes are to be installed along the northwest exterior toe of the flood control dike surrounding the landfill opposite grid markers 5, 10, 15, 20, 25 and 30 (Fig. 8). The nominal spacing between the landfill gas monitoring probes is 500 feet as measured along the top of the flood control dike. The probes will be labeled as MM-1 through MM-6 in the order presented above. A single probe is specified at each location to accommodate the heterogeneity of the alluvial deposits through which landfill gas might migrate,

Gas Monitoring Probe Installation

The landfill gas monitoring probes will be drilled and installed by driller registered in the state of Texas under the supervision of a licensed professional geoscientist or engineer. The borings will be advanced using hollow-stem augers with samples visually classified and logged in accordance

with the Unified Soil Classification System (ASTM No. D-2487). If in the opinion of the supervising geologist or engineer, the materials encountered are too impermeable to allow migration of landfill gas emissions, the borings may be moved left or right along the toe of the flood control dike to find more suitable subsurface conditions for potential gas migration through the vadose zone.

The probes (Fig. 9) will be screened with factory fabricated 1/2-inch diameter 0.010 inch Schedule 80 PVC screen from the total depth of the probe, less an end cap, to no less than 4 or 5 feet below the ground surface (Fig 8). A solid Schedule 80 PVC riser will extend upward from the screen to approximately 3 feet above the ground surface capped with a quick-connect device to allow purging and monitoring with the gas monitoring meter. All joints will either be threaded or use compression fittings; no glue or solvent-based welding is permitted.

A 20-40 mix of silica sand or concrete sand (ASTM C-33), as available, will be tremied around the probe screen to a minimum of 6 inches above the top of the screen. Followed by hydrated bentonite pellets to 6 inches below the ground surface. A lockable steel well-head protector will be installed over the riser and a 4-foot by 4-foot by 6-inch thick reinforced concrete pad poured around the steel well-head protector to stabilize and protect the well head. Pea gravel, or the equivalent, will be placed around the riser within the steel well-head protector to stabilize the monitoring probe, and one or more weep holes will be drilled into the bottom of the steel well-head protector to allow drainage of excess moisture. Concrete filled steel bollards will be installed around the surface pad as deemed necessary to provide additional protection to the well-head.

Boring/completion logs for the landfill gas monitoring robes will be prepared, submitted to TCEQ and to the Texas Department of Licensing and Regulation (DLR), and retained in the site operating record.

Installation of landfill gas monitoring probes around the remainder of the landfill is unnecessary. Should any landfill gas penetrate the slurry wall and flood control dike, it would either be discharged to the atmosphere or enter the vadose zone, which terminates at Cibolo Creek. The creek, then, is a barrier to landfill gas migration. Other than on the northwest side of the landfill, there are no structures in which landfill gas could accumulate between the landfill and the creek.

3.0 Landfill Gas Monitoring Procedures

The concentration of methane in the landfill gas monitoring probes will be measured on a quarterly basis per calendar year, with two of those monitoring times, to the extent possible, corresponding with sampling of the ground water monitoring wells at the landfill. More frequent monitoring at locations where gas migration is occurring or accumulating. The integrity and labelling of the monitoring probes, including the integrity of the steel, well-head protectors, locks, and concrete pads, will be inspected during or before each monitoring event and repairs or replacement made as needed. Repair or replacement of any landfill gas monitoring probes will be documented and retained in the site operating record. Sampling for specified trace gases, may be required by the executive director when there is a possibility of acute or chronic exposure due to carcinogenic or toxic compounds.

Beck Landfill uses a QRAE 3 wireless four-gas monitoring instrument, -- carbon monoxide, hydrogen sulfide, and oxygen in addition to methane and the LEL. This instrument is suitable for surface monitoring and for sampling the landfill gas monitoring probes. Operation of the device should be in accordance with the instrument manual. If at any time the instrument fails, it will be repaired or replaced, TCEQ will be informed in writing, and the repair or replacement noted in the site operating record. Results of all methane monitoring events, including purge volumes, will be retained in the site operating record.

Landfill Gas Monitoring Exceedance Record Keeping and Reporting

Results of landfill gas monitoring will be kept in the site operating record; however, If during any monitoring event, the volumetric methane concentration in any landfill gas monitoring probe exceeds the LEL, the probe will be resampled within 24-hours, and again within 7 days to confirm the exceedance. Reporting will be in accordance with 30 TAC §330.371(c). Notifications will be as follows:

MSW Permits Section, MC-124
Texas Commission on Environmental Quality
PO Box 13087
Austin, TX 78711-3087

512-239-6784 (O); 512-239-6000 (Fax)

TCEQ Region 13 – San Antonio Waste Section
14250 Judson Road
San Antonio, TX 78233-4480
210-490-3096 (O); 210-545-4329 (Fax)

Guadalupe County EMS at 911

Schertz EMS
1400 Schertz Parkway, Building 7
Schertz, TX
830-619-1400

The records of the concentrations detected and description of steps to be taken to protect human health will be placed in the operating record within 7 days of detection. A plan to address the exceedance will be formulated and implemented, with TCEQ approval, if possible within 60 days. The remediation plan will describe the nature, extent of the problem, and the proposed remedy, the Executive Director may require additional remedial measures. The precise nature of the plan will depend on which probes show exceedances; those opposite near-by residences or those opposite of commercial businesses. The potential remedial actions may include precisely locating the utility trenches to install monitoring probes and/or vents, sampling the nearest residences, and installation of additional gas monitoring probes or vents. An alternative schedule may be implemented by the Executive Director in accordance with 30 TAC §330.371(d).

CLEAN VERSION

MUNICIPAL SOLID WASTE PERMIT
MAJOR AMENDMENT

Part I Application for Permit Amendment

(TAC Title 30 Rule §330.59)

NAME OF PROJECT: Beck Landfill

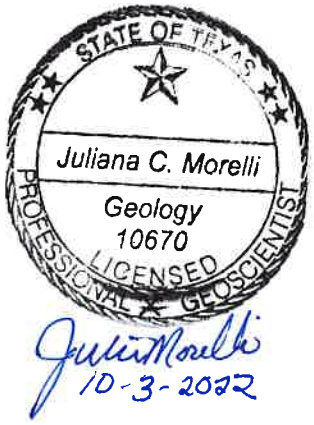
MSW PERMIT APPLICATION NO.: 1848A

OWNER: Nido, LTD (CN603075011)

OPERATOR: Beck Landfill (RN102310968)

CITY, COUNTY: Schertz, Guadalupe County

Major Amendment: September 2022



Prepared by:

PROJECT NUMBER:150051.05.01

PROJECT CONTACT: Julie Morelli

EMAIL: Julie.Morelli@powereng.com

PHONE: 210-951-6424

REVISED OCTOBER 3, 2022

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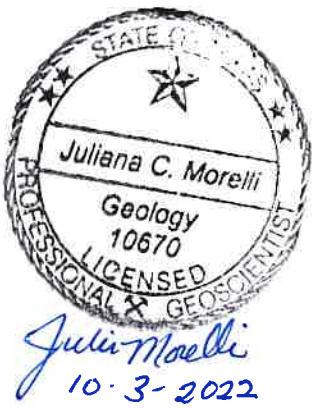


1.0 FORM TCEQ-0650 (305.45(A)(1-(5))

Texas Commission on Environmental Quality

Part I Application Form for New Permit, Permit Amendment, or Registration for a Municipal Solid Waste Facility

Application Tracking Information

Facility Name: Beck Landfill

Permittee or Registrant Name: Nido, Ltd

MSW Authorization Number: 1848A

Initial Submission Date: September 9, 2022

Revision Date: September 28, 2022

Instructions for completing this Part I Application Form are provided in TCEQ 00650-instr[1]. Include a Core Data Form (TCEQ 10400)[2] with the application for the facility owner, and another Core Data Form for the operator if different from the owner. If you have questions, contact the Municipal Solid Waste Permits Section by email to mswper@tceq.texas.gov, or by phone at 512-239-2335.

Application Data

1. Submission Type	
☐ Initial Submission	■ Notice of Deficiency (NOD) Response

2. Authorization Type	
■ Permit	☐ Registration

3. Application Type	
☐ New Permit	
■ Permit Major Amendment	☐ Permit Limited Scope Major Amendment
☐ New Registration	

[1] www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf
[2] www.tceq.texas.gov/goto/coredata

4. Application Fee

Amount

☒ $2,050—New Landfill Permits, and Landfill Permit Major Amendments Described in 30 TAC 305.62(j)(1)

☐ $150—Other Permits, Landfill Limited Scope Major Amendments, Permit Amendments for Storage and Processing Facilities, and Registrations

Payment Method

☐ Check

☒ Online through ePay portal www3.tceq.texas.gov/epay/

If paid online, enter ePay Trace Number: 582EA000504507

5. Application URL

For applications other than those for arid exempt landfills, provide the URL address of a publicly accessible internet web site where the application and all revisions to the application will be posted.

http://downloads.cecinc.com/Beck Landfill MSW 1848A Amendment/

6. Party Responsible for Publishing Notice

Indicate who will be responsible for publishing notice:

☐ Applicant ☐ Agent in Service ☒ Consultant

Contact Name: Cindy Wilson

Title: Project Assistance

Email Address: cindy.wilson@powereng.com

7. Alternative Language Notice

Use the Alternative Language Checklist on Public Notice Verification Form TCEQ-20244-Waste-NORI, TCEQ-20244-Waste-NAPD, or TCEQ-20244-Waste-NAORPM available at www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_notice.html to determine if an alternative language notice is required.

Is an alternative language notice required for this application?

☐ Yes ☐ No

Indicate the alternative language: spanish

8. Public Place for Copy of Application

Name of the Public Place: Schertz Library

Physical Address: 798 Schertz Parkway

City: Schertz County: Guadalupe State: TX Zip Code: 78154

Phone Number: 210-619-1700

9. Consolidated Permit Processing

Is this submittal part of a consolidated permit processing request, in accordance with 30 TAC Chapter 33?

☐ Yes ☐ No

If "Yes", indicate the other TCEQ program authorizations requested:

10. Confidential Documents

Does the application contain confidential documents?

☐ Yes ☐ No

If "Yes", reference the confidential documents in the application, but submit the confidential documents as an attachment in a separate binder marked "CONFIDENTIAL."

11. Permits and Construction Approvals

Mark the following table to indicate status of other permits or approvals.

Table 1. Permits and Construction Approvals.

Permit or Approval	Received	Pending	Not Applicable
Hazardous Waste Management Program under Texas Solid Waste Disposal Act			X
Underground Injection Control Program under Texas Injection Well Act			X
National Pollutant Discharge Elimination System Program under Clean Water Act; Waste Discharge Program under Texas Water Code, Chapter 26	X		
Prevention of Significant Deterioration Program under Federal Clean Air Act (FCAA); Nonattainment Program under the FCAA			X
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA			X

Permit or Approval	Received	Pending	Not Applicable
Ocean Dumping Permits under Marine Protection Research and Sanctuaries Act			X
Dredge or Fill Permits under Clean Water Act			X
Licenses under the Texas Radiation Control Act			X
Other (describe):			
Other (describe):			

12. Facility General Information

Facility Name: Beck Landfill

Contact Name: Grant Norman Title: General Manager

MSW Authorization Number (if existing): 1848

Regulated Entity Reference Number: **RN** 102310968

Physical or Street Address (if available): 550 FM 78

City: Schertz County: Guadalupe State: TX Zip Code: 78154

Phone Number: 210-349-2491

Latitude (Degrees, Minutes Seconds): 29º 33'7.87"

Longitude (Degrees, Minutes Seconds): -98º 15' 44.31"

Benchmark Elevation (above mean sea level): 775 feet

Description of facility location with respect to known or easily identifiable landmarks:

Gated entrance located directly off FM 78 in Schertz, TX, next door to Sonic Drive In

Access routes from the nearest United States or state highway to the facility:

Approx. 2.1 miles northeast of Loop 1604 and FM78; gated entrance on the south side.

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

☐ Yes ☐ No

13. Facility Types

☐ Type I ■ Type IV ☐ Type V

☐ Type IAE ☐ Type IVAE ☐ Type VI

14. Activities Conducted at the Facility

■ Storage ■ Processing ■ Disposal

15. Facility Waste Management Units

Check the box for each type of waste management unit proposed.

■ Landfill Unit(s)
☐ Incinerator(s)
☐ Class 1 Landfill Unit(s)
☐ Process Tank(s)
■ Storage Tank(s)
☐ Tipping Floor
☐ Storage Area
■ Other (specify):

■ Container(s)
■ Roll-off Boxes
☐ Surface Impoundment
☐ Autoclave(s)
☐ Refrigeration Unit(s)
■ Mobile Processing Unit(s)
☐ Compost Pile(s) or Vessel(s)

brush grinding and other recycling activities

16. Description of Proposed Facility or Changes to Existing Facility

Provide a brief description of the proposed activities if application is for a new facility, or the proposed changes to an existing facility or permit conditions if the application is for an amendment.

Vertical expansion.

17. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: Nido, Ltd.

Customer Reference Number: **CN** 603075011

Contact Name: Grant Norman Title: General Manager

Mailing Address: P.O. Box 790641

City: San Antonio County: Bexar State: TX Zip Code: 78279

Phone Number: 210-349-2491

Email Address: gnorman@beckcompanies.com

Texas Secretary of State (SOS) Filing Number: 0800579842

Operator (if different from *Site Operator*)

Name: Beck Landfill

Customer Reference Number: **CN** 603075011

Contact Name: Grant Norman Title: General Manager

Mailing Address: P.O. Box 790641

City: San Antonio County: Bexar State: TX Zip Code: 78279

Phone Number: 210-349-2491

Email Address: gnorman@beckcompanies.com

Texas Secretary of State (SOS) Filing Number: 0800579842

Consultant (if applicable)

Firm Name: Civil and Environmental Consultants, Inc.

Consultant Name: Adam Mehevec

Texas Board of Professional Engineers Firm Registration Number: F-38

Contact Name: Adam Mehevec Title: Principal

Mailing Address: 3711 S MoPac Expressway, Bldg. 1, Suite 550

City: Austin County: Travis State: TX Zip Code: 78746

Phone Number: 512-329-0006

Email Address: amehevec@cecinc.com

Agent in Service (required for out-of-state applicants)

Name: N/A

Mailing Address: _____

City: _____ County: _____ State: TX Zip Code: _____

Phone Number: _____

Email Address: _____

18. Facility Supervisor License

Indicate the level of Municipal Solid Waste Facility Supervisor license, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations, Subchapter F that the individual who supervises or manages the operations will obtain prior to commencing operations.

☒ Class A Supervisor License ☐ Class B Supervisor License

19. Ownership Status of the Facility

Business Type

☐ Corporation
☐ Individual
☐ Sole Proprietorship
☐ General Partnership
☒ Limited Partnership
☐ City Government
☐ County Government
☐ State Government
☐ Federal Government
☐ Other Government
☐ Military
☐ Other (specify): _____

Facility Owner

Does the Site Operator (Permittee or Registrant) own all the facility units and all the facility property?

☐ Yes ☐ No

If "No", provide the following information for other owners.

Owner Name: Cibolo Industries, LTD

Mailing Address: P.O. Box 790641

City: San Antonio County: Bexar State: TX Zip Code: 78279

Phone Number: 210-349-2491

Email Address: gnorman@beckcompanies.com

20. Other Government Entities Information

Texas Department of Transportation

District: San Antonio

District Engineer's Name: Gina E. Gallegos, P.E.

Mailing Address: 4615 NW Loop 410

City: San Antonio County: Bexar State: TX Zip Code: 78229

Phone Number: 210-615-1110

Email Address: Gina.Gallegos@txdot.gov

Local Government Authority Responsible for Road Maintenance (if applicable)

Government or Agency Name: City of Schertz

Contact Person's Name: Suzanne Williams

Mailing Address: 10 Commercial Place

City: Schertz County: Guadalupe State: TX Zip Code: 78154

Phone Number: 210-619-1800

Email Address: swilliams@schertz.com

City Mayor Information

City Mayor's Name: Ralph Gutierrez

Mailing Address: 1400 Schertz Parkway

City: Schertz County: Guadalupe State: TX Zip Code: 78154

Phone Number: 210-619-1000

Email Address: Ralphgutierrez@schertz.com

City Health Authority

Authority Name: City of Schertz

Contact Person's Name: Amanda Cantu, Sanitarian

Mailing Address: 1400 Schertz Parkway

City: Schertz County: Guadalupe State: TX Zip Code: 78154

Phone Number: 210-619-1673

Email Address: acantu@schertz.com

County Judge Information

County Judge's Name: Kyle Kutscher

Mailing Address: 101 East Court Street

City: Seguin County: Guadalupe State: TX Zip Code: 78155

Phone Number: 830-303-8857

Email Address: Kyle.Kutcher@co.guadalupe.tx.us

County Health Authority

Agency Name: Guadalupe County Environmental Heath Department

Contact Person's Name: Shelly Reed Jackson

Mailing Address: 2605 N. Guadalupe Street

City: Seguin County: Guadalupe State: TX Zip Code: 78155

Phone Number: 830-303-4188

Email Address: shelly.jackson@co.guadalupe.tx.us

State Representative Information

District Number: 44

State Representative's Name: John Kuempel

District Office Mailing Address: 200 N. River Street #100-E

City: Seguin County: Guadalupe State: TX Zip Code: 78155

Phone Number: 830-379-8732

Email Address: John.Kuempel@house.texas.gov

State Senator Information

District Number: 25

State Senator's Name: Donna Campbell

District Office Mailing Address: 229 Hunters Village, Ste. 105

City: New Braunfels County: Comal State: TX Zip Code: 78132

Phone Number: 830-626-0065

Email Address: Donna.Campbell@senate.texas.gov

Council of Governments (COG)

COG Name: Alamo Area Council of Governments

COG Representative's Name: Diane Rath

COG Representative's Title: Executive Director

Mailing Address: 2700 NE Loop 410, Suite 101

City: San Antonio County: Bexar State: TX Zip Code: 78217

Phone Number: 210-362-5200

Email Address: drath@aacog.com

River Basin Authority

Authority Name: San Antonio River Authority

Contact Person's Name: Derek Boese, General Manager

Watershed Sub-Basin Name: Mid Cibolo Creek

Mailing Address: 201 W. Sheridan

City: San Antonio County: Bexar State: TX Zip Code: 78204

Phone Number: 210-302-3616

Email Address: Dboese@sariverauthority.org

U.S. Army Corps of Engineers District

Indicate the U.S. Army Corps of Engineers district in which the facility is located:

☐ Albuquerque, NM ☐ Galveston, TX

☒ Ft. Worth, TX ☐ Tulsa, OK

Local Government Jurisdiction

Within City Limits of: Schertz

Within Extraterritorial Jurisdiction of: _____

Is the facility located in an area in which the governing body of the municipality or county has prohibited the storage, processing, or disposal of municipal or industrial solid waste?

☐ Yes ☐ No

If "Yes", provide a copy of the ordinance or order as an attachment.

Signature Page

Site Operator or Authorized Signatory

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Grant Norman Title: General Manager

Email Address: gnorman@beckcompanies.com

Signature: _____ Date: 10/3/2022

Operator or Principal Executive Officer Designation of Authorized Signatory

To be completed by the operator if the application is signed by an authorized representative for the operator.

I hereby designate Grant Norman as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

Operator or Principal Executive Officer Name: Ben Davis

Email Address: bdavis@beckcompanies.com

Signature: _____ Date: 10/3/2022

Notary

SUBSCRIBED AND SWORN to before me by the said BEN DAVIS

On this 3 day of OCTOBER, 2022

My commission expires on the 24 day of OCTOBER, 2025

LORI S NAVARRO

Notary Public in and for

BEXAR County, Texas

Lori S Navarro
My Commission Expires
10/24/2025
Notary ID
7177468

Note: Application Must Bear Signature & Seal of Notary Public

Part I Attachments

Refer to instruction document 00650-instr for professional engineer seal requirements.

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Supplementary Technical Report	2.0
Property Legal Description	5.0
Property Metes and Bounds Description	5.0
Facility Legal Description	5.0
Facility Metes and Bounds Description	5.0
Metes and Bounds Drawings	5.0
On-Site Easements Drawing	
Land Ownership Map	4.0
Landowners List	4.0
Mailing Labels (printed and electronic)	4.0
Texas Department of Transportation (TxDOT) County Map	4.0
General Location Map	4.0
General Topographic Map	4.0
Verification of Legal Status	6.0
Property Owner Affidavit	6.0
Evidence of Competency	7.0

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
■ TCEQ Core Data Form(s)	1.1
☐ Signatory Authority Delegation	N/A
■ Fee Payment Receipt	9.0
☐ Confidential Documents	N/A
☐ Waste Storage, Processing and Disposal Ordinances	N/A
☐ Final Plat Record of Property	N/A

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
■ Certificate of Fact (Certificate of Incorporation)	6.0
☐ Assumed Name Certificate	N/A
Other (describe):	
Other (describe):	
Other (describe):	

1.1 Core Data Form

1.2 Permits or Construction Approvals (305.4(a)(7))

The following permits or construction approvals and regulatory programs were reviewed as they relate to Beck Landfill and are found to be not applicable:

- Hazardous Waste Management Program under the Texas Solid Waste Disposal Act;
- 30 TAC §331.121: No Class I Wells are present on-site or will be installed on-site;
- 30 TAC §331.122: No Class III Wells are present on-site or will be installed on-site;
- 30 TAC §305.50: The Beck Landfill is not applying for a hazardous or industrial solid waste permit or a post-closure order; therefore, this regulation does not apply.
- 30 TAC §305.48: The Beck Landfill is not applying for a wastewater discharge permit;
- 30 TAC §305.54: The Beck Landfill is not applying for a radioactive materials disposal license;
- 30 TAC §336.207: The Beck Landfill is not applying for a radioactive materials disposal license;
- 30 TAC §336.513: The Beck Landfill is not applying for a permit covering the disposal of radioactive material;
- 30 TAC §336.617: The Beck Landfill is not applying for a permit covering the disposal of radioactive material;
- Beck landfill is not regulated under the Prevention of Significant Deterioration Program under the Federal Clean Air Act (FCAA);
- No additional requirements associated with a Nonattainment Program under the FCAA apply to Beck Landfill.
- National emission standards for hazardous air pollutants preconstruction approval under the FCAA are not applicable to Beck Landfill.
- Ocean dumping permits under the Marine Protection Research and Sanctuaries Act does not apply to Beck Landfill.
- No dredge or fill permits under the FCAA;
- No licenses under the Texas Radiation Control Act;
  No subsurface area drip dispersal system permits under Texas Water Code, Chapter 32.

Other environmental permits and programs that apply at Beck Landfill include;

- 30 TAC §330 Subchapter E: As a solid waste landfill facility, the Beck Landfill has developed an SOP in compliance outlining the facility's methods for complying with 30 TAC §330 Subchapter D. The Beck Landfill does not operate a separately authorized solid waste storage or processing activity at the landfill as described in 30 TAC §330.201; therefore, this regulation does not apply.
- 30 TAC §305.48: Beck Landfill is authorized to discharge stormwater associated with industrial activities under the Texas Pollutant Discharge Elimination System (TPDES) Multi-Sector General Permit, Sector L (landfills) issued August 2021.

2.0 SUPPLEMENTARY TECHNICAL REPORT (305.45(A)(8))

2.1 General Description of the Facility (305.45(a)(8))

Beck Landfill is located on approximately 163 acres in Schertz, Texas. The Landfill is operated in accordance with the existing Municipal Solid Waste (MSW) Permit Number 1848A as a Type IV construction and demolition debris disposal site. Waste loads are inspected at the entrance to the landfill and approved loads, transported by third-party haulers, are weighed and directed to the active, working face of the Landfill. Loads containing unauthorized waste streams are rejected and are directed off the premises. Access to the site is controlled through a lockable gate and manned scale office. Appropriate signage is posted to instruct haulers regarding permitted activities.

The majority of industrial activities are conducted outdoors. Outdoor activities include the occasional use of a screening plant, operation of a Type IV landfill, a truck scale, a ticket office, equipment parking, and material storage areas. Soil cover on the working face is applied weekly or more frequently, as needed. Rainwater that comes into contact with the active working face is captured and isolated to prevent a discharge. Liquids derived from areas where trash is placed is collected and pumped back to the working face for dust control. No discharge or removal of leachate is performed.

Following unloading, haul trucks return to the scale to determine the weight of material disposed. Haulers are issued a ticket to track the costs and quantities associated with the disposal. Windblown trash is collected daily, or as needed, to prevent nuisance conditions.

Beck Landfill does not operate a collection or transportation service for waste disposed at the Landfill. Beck does not perform treatment of wastes prior to disposal. No injection activity occurs on-site or is planned to occur on-site in the future.

3.0 FACILITY LOCATION (330.59(b))

Beck Landfill is located off of Farm to Market Road (FM) 78 in Schertz, Guadalupe County, Texas. Travel west along FM78, approximately 2.6 miles from East Loop 1604 in San Antonio, Texas. The Landfill is located on the south side of FM78, next door to the Sonic Drive-In.

The coordinates to the entrance of the landfill are: -98.2645733º North, 29.5545795º West

4.0 MAPS (330.59(c))

General location maps and land ownership maps are included as attachments to Part I of this Application in conformance with 30 TAC 305.46 and 335.59(c). Part I of this major modification application includes General Location Maps showing the property boundary, latitudes and longitudes, and other required information. In addition, Part I includes the Land Ownership Map. Additional information is provided in Section 5.0 below.

5.0 PROPERTY OWNER INFORMATION (330.59(d))

5.1 Updated Landowner Tracts

Nido, LTD and Cibolo Industries, LTD are now the two legal entities owning all parcels within the permitted boundary for MSW Permit #1848A. The recently executed deeds are provided herein. The records at the Guadalupe County Appraisal District (GCAD) are still updating, so GCAD Maps do not represent the current ownership.

5.3 Property Owner Affidavit – Nido, LTD

Property Owner Affidavit
Complete the form below. If the individual signing the affidavit is the property owner of record, enter the name on the "Printed Signatory Name" line only and omit the "Signatory Capacity" and "Printed Name of Property Owner of Record" lines. Otherwise, complete this form in its entirety.
For Landfill Facilities:

"I/We, Ben Davis, as Manager

(Printed Signatory Name) (Signatory Capacity)

As authorized signatory for Cibolo Industries, Ltd.

(Printed Name of Property Owner of Record)

acknowledge that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure and post-closure of the facility. For a facility where waste will remain after closure, I acknowledge that I have a responsibility to file with the county deed records an affidavit to the public advertising that the land will be used for a solid waste facility prior to the time that facility actually begins operating as a municipal solid waste landfill facility, and to file a final recording upon completion of disposal operations and closure of the landfill units in accordance with Title 30 Texas Administrative Code §330.19, Deed Restriction. I further acknowledge that I or the operator and the State of Texas shall have access to the property during the active life and post-closure care period."

(Property Owner Signature) 10/31/2022 (Date)

6.0 LEGAL AUTHORITY (330.59(e))

Verification of legal status (30 TAC §218.5 and §330.59(e))
Attach to this form verification of legal status. This may be a one-page certificate of incorporation (Certificate of Fact), issued by the Texas SOS. If providing an alternative document documenting legal status, attach that form instead. In addition, provide a list of all persons having over 20% ownership in this facility in the table below (attach additional pages as necessary):

Nido LTD dba Beck Landfill:

Name	Title	Contact Information
Nido, Ltd.	Owner/Operator	210-349-2491
Cibolo Industries, Ltd.	Owner (landowner)	210-349-2491

7.0 EVIDENCE OF COMPETENCY (330.59(f))

Evidence of Competency:

Provide the below information per 30 TAC §330.59(f) as applicable to the facility (attach additional sheets as needed).

List of all Texas solid waste sites that the owner and operator have owned or operated within the last ten years:

Site Name	Site Type	Permit/Reg No.	County	Dates of Operation
Beck Landfill	MSW Type IV	1848	Guadalupe	1985-Now

List of all solid waste sites in all states, territories, or counties in which the owner and operator have a direct financial interest:

Site Name	Location	Dates of Operation	Regulatory Agency (Provide Name and Address)
Beck Landfill	Guadalupe County	1985-Now	TCEQ 12100 Park 35 Circle, Austin, TX

Names of the principals and supervisors of the owner's and operator's organization, together with previous affiliations with other organizations engaged in solid waste activities.

Name	Previous Affiliation	Other Organization
Ben Davis, Principal/Owner	30+ years Beck Landfill, Nido, LTD (MSW Permit #1848)	None
Ken McCarty, Principal/Owner	30+ years Beck Landfill, Nido, LTD (MSW Permit #1848)	Multi-Source Sand and Gravel Company, Ltd.
Lee McCarty, Principal/Owner	30+ years Beck Landfill, Nido, LTD (MSW Permit #1848)	Multi-Source Sand and Gravel Company, Ltd.
Grant Norman, Managing Director	30+ years of waste industry and landfill operations experience Beck Landfill, Nido, LTD (MSW Permit # 1848)	Browning Ferris Industries Type I Landfill: Industrial Waste and Landfill Operations Waste Management Type I Landfill: Industrial Waste Operations Texas Disposal Systems Type I Landfill: Environmental Management and Sales Management

For landfill permit applications only, evidence of competency to operate the facility shall also include landfilling and earthmoving experience if applicable, and other pertinent experience, or licenses as described in 30 TAC 30 possessed by key personnel. The number and size of each equipment type to be dedicated to facility operation should be specified in greater detail on Part IV of the application within the site operating plan.

Beck Landfill Equipment List

Equipment Description	Number of Units per CU Yards		Equipment Size	Equipment Function
	≤1.5 million cubic yards/year	>1.5 million cubic yards/year		
Landfill compactor	1	2	Minimum weight of 50,000 pounds	Waste compaction and fire protection
Bulldozer	1	1	Caterpillar D6 or equivalent	Waste spreading, waste compaction, cover soil spreading, slope maintenance and fire protection
Excavator	1	1	Minimum weight of 20,000 pounds	Cover soil excavation, cell excavation, construction and fire protection
Front End Loader	1	2	John Deere 544 equivalent or larger	Loading of soil, fire protection, retrieval of recyclable materials and removal of non-conforming wastes from the working face, road maintenance
Dump Truck	1	2	Minimum heaped capacity of 10 cubic yards	Hauling of cover soil, hauling of excavated cell materials, and fire protection
Motor Grader/Maintainer	1	1	Minimum eight of 10,000 pounds	Site road maintenance, slope maintenance
Water Pump	1	1	4” or 6” Pump	Removal of below grade stormwater and perched groundwater
Water Truck	1	1	Minimum 1,500-gallon tank capacity	Site maintenance, dust control, and fire protection
Sweeper	1	1	Minimum 4ft broom width	Site maintenance, hard surface sweeping, dust and mud control

Landfill Staffing Levels

Landfill Position	**Name(s)**	**License/Certification and Expiration**
Landfill Facility Manager (LFM)	Grant Norman	MWSOL MSW Operator A No. SW0005998 Exp. 6/20/2023
Landfill Supervisor (LS)	1	Working on Operator A licensing
Equipment Operators	3 – 5	N/A
Gate Attendants	1 – 2	N/A
Landfill Spotters	2 – 5	N/A
Other Personnel (laborers)	1 – 3	N/A

8.0 APPOINTMENTS (330.59(g))

9.0 APPLICATION FEE (330.59(h))

10.0 SUPPLEMENTAL INFORMATION

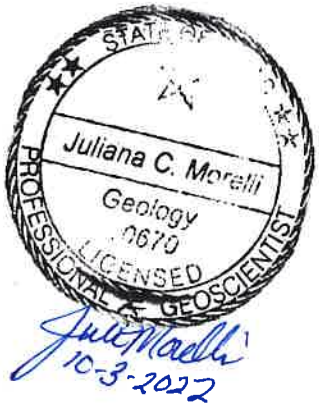
Updates to MSW Permit 1848A are proposed to incorporate all prior minor and major modifications and amendments to the current MSW Permit No. 1848A. In addition, this facility proposes a vertical expansion of the landfill that will increase capacity and address recent changes to the National Oceanic and Atmospheric Administration (NOAA) Atlas 14 (Volume 8 Version 2).

MUNICIPAL SOLID WASTE PERMIT

MAJOR AMENDMENT

Part II of Application (TAC Title 30 Rule §330.61)

NAME OF PROJECT: Beck Landfill
MSW PERMIT APPLICATION NO.: 1848A
OWNER: Nido, LTD (CN603075011)
OPERATOR: Beck Landfill (RN102310968)
CITY, COUNTY: Schertz, Guadalupe County
Major Amendment: September 2022



P.E. SEAL
PROJECT NUMBER: 150051.05.01
PROJECT CONTACT: Julie Morelli
EMAIL: Julie.Morelli@powereng.com
PHONE: 210-951-6424

MUNICIPAL SOLID WASTE PERMIT
MAJOR AMENDMENT

PART III-ATTACHMENT A
SITE DEVELOPMENT PLAN

NAME OF PROJECT: Beck Landfill

MSW PERMIT APPLICATION NO.: 1848A

OWNER: Nido, LTD (CN603075011)

OPERATOR: Beck Landfill (RN102310968)

CITY, COUNTY: Schertz, Guadalupe County

Major Amendment: September 2022

Revision 1 October, 2022

Prepared by:

Civil & Environmental Consultants, Inc.

Texas Registration Number F-38
3711 S MoPac Expressway
Building 1 Suite 550,
Austin, Texas 78746
(512) 329-0006

TABLE OF CONTENTS

1.0 INTRODUCTION

Consistent with 30 TAC §330.63(a), this site development plan narrative is included as Attachment A - Site Development Plan. Attachment A provides an outline of the criteria used in the design of this facility for safeguarding the health, welfare, and physical property of the public and environment. The site development plan narrative also includes references to discussion of the geology, soil conditions, drainage, land use, zoning, adequacy of access roads and highways, and other considerations specific to this facility. At the time of the submittal of the application, there were no delinquent fees shown for the regulated entity or the customer associated with this facility.

1.1 SITE LOCATION AND HISTORY

The Beck Landfill, located at 550 FM 78 in Schertz, Texas Guadalupe County, is an existing Type IV Solid Waste Disposal Facility which accepts brush, construction, or demolition waste, and/or rubbish in accordance with applicable State and Federal regulations. The Beck Landfill may not accept putrescible wastes, conditionally exempt small-quantity generator waste, or household wastes. The facility is currently owned by Cibolo Industries, Ltd. and operated by Nido, Ltd. The initial facility was given provisional authorization in 1985 by the Texas Department of Health (TDH) (See letters from TDH in Appendix A). The provisional authorization required that the facility file a MSW landfill permit application to obtain permanent authorization by November 8, 1985. MSW Permit 1848 was issued by the TDH in 1989. At the time of the 1989 application to the TDH, the applicant documented that waste disposal was taking place "in the south west end of the site, and in the north west portion of the site. These areas contain the ancient fill from Randolph Air Force Base, and part of the fill which has been placed while operating under the "Grandfather Status" set out in the compliance letter from the Texas Department of Health Bureau of Solid Waste Management dated October 16, 1985.

In addition, the application documented that gravel was "being removed from this area around the old Randolph Air Force Base fill. In general, the old fill is not being disturbed. When edges of the fill are encountered, excavation is halted, and the exposed face is investigated. If the characteristics of the fill are proper, the fill is covered immediately. Scattered and random surficial fill materials, usually 4 feet or less in depth, as well as improperly installed fills, as encountered in areas from which gravel is to be removed, are relocated to the current fill placement area, and placed in accordance with current TDH regulations."

1.2 FACILITY DESCRIPTION

General activities which occur daily, include; but are not limited to, acceptance of construction and demolition waste; earth moving activities for periodic below-grade cell construction; excavation and application of daily, intermediate and final cover material to waste; stormwater management; minimization of leachate through currently permitted operational methods; construction quality assurance; maintenance of facility equipment, roads and structures; monitoring of groundwater; and monitoring for subsurface gas migration. The facility consists of a perimeter fence, scalehouse, maintenance shop, all-weather roads, soil stockpiles, groundwater monitoring wells, gas monitoring wells, and solid waste disposal area. Facilities for the control of stormwater runoff/run-on include benches, ditches and detention ponds and associated drainage structures.

This amendment application seeks to increase the maximum permitted height of the disposal unit as depicted on the drawings included in Part III-Appendix D. No change in the permitted landfill footprint is proposed. The entire footprint of the disposal area has been previously excavated and partially filled, so no changes to the bottom excavation grades are proposed. The maximum permitted top of final cover elevation is proposed to be increased from 771 feet MSL to 890 feet MSL. No significant operational changes are being proposed as part of this amendment request. The following table summarizes the proposed changes to the Facility Site Development and Site Operating Plans:

	Existing - Permit No. 1848	Expansion - Permit No. 1848A
Permitted Area (acres)	248.6	257.9
Waste Disposal Area (acres)	212	155
Total Capacity (cy)	12,383,486	26,417,117
Total Remaining Capacity	2,225,966	16,259,957
Remaining Site Life (years)	3	23
Maximum Elevation of Final Cover (msl)	771	890
Minimum Elevation of Landfill Excavation (ft-msl)	Varies based on encountered subsurface conditions	No change
Operating Hours	7:00 am to 7:00 pm	24 hours/day
Operational Procedures	Accepts brush, construction, or demolition waste, and/or rubbish	No Change

Stormwater Management System	Interim stormwater ponds only	Adding new permanent stormwater detention pond on southeast side of the landfill
Liner System Design	In-situ clay liner	No change
Groundwater Monitoring	5 monitor wells	No change
Gas Monitoring Probes	6 monitoring probes	No change

* Remaining capacity as of June 16, 2021.

1.3 LAND USE AND ZONING

An analysis of land use and potential impact on the area surrounding the facility was prepared and included in Appendix IIB. The proposed Beck Landfill is located within the city limits of Schertz, Texas. The site is currently zoned M-2 (Heavy Manufacturing), which allows for landfilling with the approval of a specific use permit. The landfill pre-dates the establishment of zoning in this area and therefore the current use is allowed to continue as long as there is no lateral expansion of the landfill.

1.4 ADEQUACY OF ACCESS ROADS AND HIGHWAYS

A transportation study providing information related to access roads and vehicular traffic with respect to the facility expansion is included in Part II. There are no existing or planned restrictions on the main access roadways within one mile of the site that would preclude safe and efficient operations for landfill vehicles and other traffic in the area.

Access to the facility from the nearest State Highway (Loop 1604) is approximately 3 miles via the intersection of Loop 1604 and Farm-to-Market Road 78 (FM 78) and approximately 4 miles south of the intersection of FM 1518 and Interstate Highway 35. There are no known weight restrictions on the local or regional roads in the proximity of the facility other than the maximum legal weight limit of 80,000 pounds. Refer to Part II, Attachment 8, for full traffic analysis and Attachment 9 for the TxDOT coordination letter.

2.0 GENERAL FACILITY DESIGN

Consistent with §330.63(b), the general facility design information for the expansion is included in Attachment B- General Facility Design. Attachment B includes narrative and drawings that provide the required general facility design information including a discussion on facility access

control as required by §330.63(b)(1), a generalized process design and working plan of the facility that describes waste movement as required by §330.63(b)(2), a description of how solid waste processing facilities will be designed to facilitate proper cleaning as required by §330.63(b)(3), a description of how all liquids resulting from the operation of solid waste processing facilities will be disposed of in a manner that will not cause surface water or groundwater pollution as well as the treatment of wastewaters resulting from the process or from cleaning and washing as required by §330.63(b)(4), and a general discussion of how the facility is designed to protect endangered and threatened species as required by §330.63(b)(5).

3.0 FACILITY SURFACE WATER DRAINAGE DESIGN

Consistent with §330.63(c), the facility surface water drainage design information for the expansion is included in Attachment C - Facility Surface Water Drainage Report. Attachment C includes a narrative discussion, drawings, and calculations that demonstrate how the facility is designed to meet the drainage and flood control requirements of §330.63(c) and §§330.303, 330.305, and 330.307. The surface water drainage design report includes analyses of the existing conditions, post-development conditions, and design of the surface water management system including final cover drainage facilities, perimeter drainage channels, and detention and sedimentation ponds; and also includes an erosion and sediment control plan for all phases of landfill development. The facility surface water drainage design report demonstrates that existing drainage patterns will not be adversely altered. In addition, a demonstration that the proposed landfill footprint and proposed processing facilities are not located within the 100-year floodway is included.

4.0 WASTE MANAGEMENT UNIT DESIGN

Consistent with §330.63(d), the waste management unit design information for the expansion is included in Attachment D - Waste Management Unit Design. Attachment D includes a narrative, drawings, and calculations that demonstrate how the facility is designed to meet §330.63(d)(1) for storage and transfer units and §330.63(d)(4) for landfill units.

The storage and transfer units located within the facility boundary will include a wood waste processing area. Attachment B - General Facility Design provides details on these storage and transfer units. Attachment B also includes a narrative and drawings that demonstrate how the

facility is designed to meet §330.63(b) and §330.63(d)(1) for general facility design and waste management unit design.

The landfill unit has been designed to meet the requirements of §330.63(d)(4), and §330.331(d)(1) for an in-situ liner. All liquids resulting from the operation of the solid waste facilities shall be disposed of in a manner that will not cause surface water or groundwater pollution. Any wastewaters resulting from waste management activities and from cleaning and washing will be treated either onsite or at an offsite treatment facility in compliance with TCEQ regulations. Beck Landfill shall ensure that stormwater and wastewater is managed in compliance with the regulations.

The landfill unit design includes provisions for all-weather operations, proposed landfill method, elevation of deepest excavation, maximum elevation of waste and final cover, waste disposal rate and operating life of the landfill, landfill unit cross sections, and construction and design details of the landfill unit. In addition, Attachment D includes the geotechnical design report for the facility, the liner quality control plan, the contaminated water management plan, and the final cover quality control plan.

5.0 GEOLOGY REPORT

Consistent with §330.63(e), the geology and soil information for the expansion is included in Attachment E - Geology Report. Attachment E includes a narrative discussion, evaluations, and figures that provide the information required by §330.63(e). The geology report includes descriptions of the regional geology and hydrogeology, geologic process, regional aquifers, subsurface investigations, geotechnical properties of subsurface soils, and fault and seismic conditions. The geology report includes the evaluation and demonstrations which confirm that the geology and soil conditions are suitable for operations as a municipal solid waste disposal facility.

6.0 GROUNDWATER SAMPLING AND ANALYSIS PLAN

Consistent with §330.63(f), the groundwater sampling and analysis plan is included as Attachment F – Groundwater Monitoring Plan. Attachment F includes a narrative discussion, evaluations, and figures that provide the information required by §330.63(f) and §§330.401 through 330.421. The groundwater monitoring plan includes, among other things,

the point of compliance, contaminant pathway analysis, groundwater monitoring program, detection monitoring program, and groundwater sampling and analysis plan.

7.0 LANDFILL GAS MANAGEMENT PLAN

The site is not required to install a gas collection and control system, however, landfill gas probes have been installed along the perimeter of the landfill to monitor for any gas traveling in the sub-surface. The landfill gas management plan is included in Attachment G. The construction and operation of the waste management facility shall comply with Subchapter U of 30 TAC Chapter 330 (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations) or other approved air authorizations. Owners or operators of these types of facilities should consult with the Air Permits Division on or before the date that the municipal solid waste application is filed with the executive director

8.0 CLOSURE PLAN

Consistent with §330.63(h), the closure plan is included as Attachment H - Closure Plan. Attachment H includes narrative, evaluations, and maps and drawings that provide the information required by §330.63(h), §330.457, §330.459 and §330.461. The closure plan includes the procedures to be taken for ongoing closure of the facility and following final acceptance of waste and certification of final closure. The closure plan describes the final cover system, closure procedures, and a closure schedule.

9.0 POSTCLOSURE PLAN

Consistent with §330.63(i), the post closure plan is included as Attachment I - Postclosure Plan. Attachment I includes a narrative discussion that provides the information required by §330.63(i), §330.463 and §330.465. The postclosure plan includes the procedures to be taken for postclosure care maintenance of the facility following closure including postclosure care certification. The postclosure plan describes the postclosure care activities, persons responsible for conducting postclosure care activities, and postclosure land use.

10.0 COST ESTIMATES FOR CLOSURE AND POSTCLOSURE CARE

Consistent with §330.630), the cost estimates for closure and postclosure care are included as Attachment J - Cost Estimates for Closure and Postclosure Care. Attachment J includes a narrative

discussion, evaluations, calculations, and drawings that provide the information required by §330.630). The detailed cost estimate for closure meets the requirements of §330.503. The detailed cost estimate for postclosure care meets the requirements of §330.507. This plan also provides procedures to adjust the cost estimates during the life of the facility and describes the evidence of financial assurance, as required.

MUNICIPAL SOLID WASTE PERMIT
MAJOR AMENDMENT

PART III-ATTACHMENT G
LANDFILL GAS MONITORING PLAN

NAME OF PROJECT: Beck Landfill

MSW PERMIT APPLICATION NO.: 1848A

OWNER: Nido, LTD (CN603075011)

OPERATOR: Beck Landfill (RN102310968)

CITY, COUNTY: Schertz, Guadalupe County

Major Amendment: September 2022
Revision1-October 2022

Prepared by:

Civil & Environmental Consultants, Inc.

Texas Registration Number F-38
3711 S MoPac Expressway
Building 1 Suite 550,
Austin, Texas 78746
(512) 329-0006

Contents

30 TAC§§330.159, 330.125, 330.371

List of Appendices

APPENDIX G-A
Gas Probe Installation Report

1.0 Introduction

30 TAC§§330.159, 330.125, 330.371

The site manager is responsible for executing the Landfill Gas Management Plan in order to ensure that the concentration of methane gas generated by the facility does not exceed 1.25% by volume in facility structures (excluding gas control or recovery system components, if any), and the concentration of methane gas does not exceed 5% by volume in monitoring points, probes, subsurface soils, or other matrices at the facility boundary defined by the legal description in the permit.

Type and Frequency of Monitoring

Beck LF determined the type and frequency of monitoring based upon the factors described herein.

Soil Conditions: Within the LF perimeter flood control dike and along Lines D, E, F, G, and the northeastern side of A, the dominant soil type is mapped as Sunev loam, 0 to 1 percent slopes. This well drained soil may be up to 72 inches deep, comprised of up to 70% calcium carbonate, and is defined as Hydrologic Soil Group B. Along the northwestern side of Line A, the dominant soils type is the Barbarosa silty clay (0 to 1 percent slopes). This well drained soil may be up to 72 inches deep, comprised of clayey alluvium, and is defined as Hydrologic Soil Group C. Along Lines B and C, the dominant soil type is the Bosque and Seguin soils, frequently flooded. This well drained soil is typical of floodplains and may be up to 62 inches deep, comprised of up to 20% calcium carbonate, and defined as Hydrologic Soil Group B. These soils are not hydric.

Hydraulic and Hydrologic Conditions: The Landfill is constructed within an oxbow of the Cibolo Creek. The floor of the landfill is keyed into the Taylor-Navarro Shale, a clay formation that acts as a natural, impermeable liner. The landfill is enclosed by a slurry trench within a compacted clay embankment. The embankment and slurry trench were designed to isolate the landfill from communication with shallow, perched groundwater associated with the surrounding Cibolo Creek.

Location of Facility Structures and Property Boundaries: There are only three, permanent, enclosed structures within the facility boundary: the readymix plant office located approximately

885 feet from the toe of the embankment; the scalehouse located approximately 610 feet from the toe of the embankment, and an uninhabited house located approximately 1,030 feet from the perimeter embankment. All other structures at the facility are temporary. Monitoring of these enclosed structures is not proposed at this time. If the concentration of methane in the landfill gas monitoring probes approaches the LEL monitoring of these enclosed structures will be considered.

Utility Lines and Pipelines: There are two utility lines that approximately parallel the northwest side of the landfill (along Lines B and C). One is an old wastewater line, constructed of clay pipe, the other is a cast-iron water line. The clay pipe wastewater line is approximately 75 feet northwest of the toe of the flood-control dike along which the landfill gas monitoring probes will be installed. The water line is about 150 to 200 feet northwest of the toe of the flood control dike. The exact locations of these utility lines are unknown, even to the City of Schertz. Neither landfill gas monitoring probes nor vents along the utility lines are proposed at this time. These will be considered only if the concentration of methane in the landfill gas monitoring probes approaches the LEL.

2.0 Landfill Gas Management Plan

Introduction

This Landfill Gas Management Plan ("Plan") has been developed for the Beck Landfill, a Type IV landfill in Schertz, Texas, as required by 30 Tex. Admin. Code (TAC) §330.63(g). This Plan addresses the requirements set forth in 30 TAC §330.371. The Plan describes the proposed system, including installation procedures, monitoring procedures, and procedures to assess the need for maintenance, repair, or replacement; and backup plans to be used if the monitoring system becomes ineffective or must be expanded. This Plan also outlines notification procedures and possible remediation activities, if required.

The requirements of this landfill gas management plan will be in effect through the remainder of the operating life of the landfill, landfill closure, and will continue for a period of 5 years after certification of final closure of the facility, unless altered by TCEQ. Any revisions to this plan will be submitted to TCEQ for review and approval. Information may be submitted to the Executive Director, to reduce gas monitoring and control. The information must demonstrate no potential for gas migration beyond the property boundary or into on-site structures. Gas monitoring shall be revised & maintained as needed; post-closure land use shall not interfere with the gas monitoring system and all utility trenches crossing the facility shall be vented & monitored.

Facility Boundary Monitoring Network

Six landfill gas monitoring probes are to be installed along the northwest exterior toe of the flood control dike surrounding the landfill opposite grid markers 5, 10, 15, 20, 25 and 30 (Fig. 8). The nominal spacing between the landfill gas monitoring probes is 500 feet as measured along the top of the flood control dike. The probes will be labeled as MM-1 through MM-6 in the order presented above. A single probe is specified at each location to accommodate the heterogeneity of the alluvial deposits through which landfill gas might migrate,

Gas Monitoring Probe Installation

The landfill gas monitoring probes will be drilled and installed by driller registered in the state of Texas under the supervision of a licensed professional geoscientist or engineer. The borings will be advanced using hollow-stem augers with samples visually classified and logged in accordance

with the Unified Soil Classification System (ASTM No. D-2487). If in the opinion of the supervising geologist or engineer, the materials encountered are too impermeable to allow migration of landfill gas emissions, the borings may be moved left or right along the toe of the flood control dike to find more suitable subsurface conditions for potential gas migration through the vadose zone.

The probes (Fig. 9) will be screened with factory fabricated 1/2-inch diameter 0.010 inch Schedule 80 PVC screen from the total depth of the probe, less an end cap, to no less than 4 or 5 feet below the ground surface (Fig 8). A solid Schedule 80 PVC riser will extend upward from the screen to approximately 3 feet above the ground surface capped with a quick-connect device to allow purging and monitoring with the gas monitoring meter. All joints will either be threaded or use compression fittings; no glue or solvent-based welding is permitted.

A 20-40 mix of silica sand or concrete sand (ASTM C-33), as available, will be tremied around the probe screen to a minimum of 6 inches above the top of the screen. Followed by hydrated bentonite pellets to 6 inches below the ground surface. A lockable steel well-head protector will be installed over the riser and a 4-foot by 4-foot by 6-inch thick reinforced concrete pad poured around the steel well-head protector to stabilize and protect the well head. Pea gravel, or the equivalent, will be placed around the riser within the steel well-head protector to stabilize the monitoring probe, and one or more weep holes will be drilled into the bottom of the steel well-head protector to allow drainage of excess moisture. Concrete filled steel bollards will be installed around the surface pad as deemed necessary to provide additional protection to the well-head.

Boring/completion logs for the landfill gas monitoring robes will be prepared, submitted to TCEQ and to the Texas Department of Licensing and Regulation (DLR), and retained in the site operating record.

Installation of landfill gas monitoring probes around the remainder of the landfill is unnecessary. Should any landfill gas penetrate the slurry wall and flood control dike, it would either be discharged to the atmosphere or enter the vadose zone, which terminates at Cibolo Creek. The creek, then, is a barrier to landfill gas migration. Other than on the northwest side of the landfill, there are no structures in which landfill gas could accumulate between the landfill and the creek.

3.0 Landfill Gas Monitoring Procedures

The concentration of methane in the landfill gas monitoring probes will be measured on a quarterly basis per calendar year, with two of those monitoring times, to the extent possible, corresponding with sampling of the ground water monitoring wells at the landfill. More frequent monitoring at locations where gas migration is occurring or accumulating. The integrity and labelling of the monitoring probes, including the integrity of the steel, well-head protectors, locks, and concrete pads, will be inspected during or before each monitoring event and repairs or replacement made as needed. Repair or replacement of any landfill gas monitoring probes will be documented and retained in the site operating record. Sampling for specified trace gases, may be required by the executive director when there is a possibility of acute or chronic exposure due to carcinogenic or toxic compounds.

Beck Landfill uses a QRAE 3 wireless four-gas monitoring instrument, -- carbon monoxide, hydrogen sulfide, and oxygen in addition to methane and the LEL. This instrument is suitable for surface monitoring and for sampling the landfill gas monitoring probes. Operation of the device should be in accordance with the instrument manual. If at any time the instrument fails, it will be repaired or replaced, TCEQ will be informed in writing, and the repair or replacement noted in the site operating record. Results of all methane monitoring events, including purge volumes, will be retained in the site operating record.

<u>Landfill Gas Monitoring Exceedance Record Keeping and Reporting</u>

Results of landfill gas monitoring will be kept in the site operating record; however, If during any monitoring event, the volumetric methane concentration in any landfill gas monitoring probe exceeds the LEL, the probe will be resampled within 24-hours, and again within 7 days to confirm the exceedance. Reporting will be in accordance with 30 TAC §330.371(c). Notifications will be as follows:

MSW Permits Section, MC-124
Texas Commission on Environmental Quality
PO Box 13087
Austin, TX 78711-3087

512-239-6784 (O); 512-239-6000 (Fax)

TCEQ Region 13 – San Antonio Waste Section
14250 Judson Road
San Antonio, TX 78233-4480
210-490-3096 (O); 210-545-4329 (Fax)

Guadalupe County EMS at 911

Schertz EMS
1400 Schertz Parkway, Building 7
Schertz, TX
830-619-1400

The records of the concentrations detected and description of steps to be taken to protect human health will be placed in the operating record within 7 days of detection. A plan to address the exceedance will be formulated and implemented, with TCEQ approval, if possible within 60 days. The remediation plan will describe the nature, extent of the problem, and the proposed remedy, the Executive Director may require additional remedial measures. The precise nature of the plan will depend on which probes show exceedances; those opposite near-by residences or those opposite of commercial businesses. The potential remedial actions may include precisely locating the utility trenches to install monitoring probes and/or vents, sampling the nearest residences, and installation of additional gas monitoring probes or vents. An alternative schedule may be implemented by the Executive Director in accordance with 30 TAC §330.371(d).