



Texas Commission on Environmental Quality

Waste Permits Division Correspondence

Cover Sheet

Date: 11/2024

Facility Name: City of Grand Prairie Landfill

Permit or Registration No.: 996C

Nature of Correspondence:

☒ Initial/New

☐ Response/Revision to TCEQ Tracking No.:
_____ (from subject line of TCEQ letter
regarding initial submission)

Affix this cover sheet to the front of your submission to the Waste Permits Division. Check appropriate box for type of correspondence. Contact WPD at (512) 239-2335 if you have questions regarding this form.

Table 1 - Municipal Solid Waste Correspondence

Applications	Reports and Notifications
<input type="checkbox"/> New Notice of Intent	<input type="checkbox"/> Alternative Daily Cover Report
<input type="checkbox"/> Notice of Intent Revision	<input type="checkbox"/> Closure Report
<input type="checkbox"/> New Permit (including Subchapter T)	<input type="checkbox"/> Compost Report
<input type="checkbox"/> New Registration (including Subchapter T)	<input type="checkbox"/> Groundwater Alternate Source Demonstration
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Groundwater Corrective Action
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input checked="" type="checkbox"/> Limited Scope Major Amendment	<input type="checkbox"/> Groundwater Background Evaluation
<input type="checkbox"/> Notice Modification	<input type="checkbox"/> Landfill Gas Corrective Action
<input type="checkbox"/> Non-Notice Modification	<input type="checkbox"/> Landfill Gas Monitoring
<input type="checkbox"/> Transfer/Name Change Modification	<input type="checkbox"/> Liner Evaluation Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Soil Boring Plan
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Special Waste Request
<input type="checkbox"/> Subchapter T Disturbance Non-Enclosed Structure	<input type="checkbox"/> Other:
<input type="checkbox"/> Other:	

Table 2 - Industrial & Hazardous Waste Correspondence

Applications	Reports and Responses
<input type="checkbox"/> New	<input type="checkbox"/> Annual/Biennial Site Activity Report
<input type="checkbox"/> Renewal	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> Post-Closure Order	<input type="checkbox"/> Closure Certification/Report
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Construction Certification/Report
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> CCR Registration	<input type="checkbox"/> Extension Request
<input type="checkbox"/> CCR Registration Major Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> CCR Registration Minor Amendment	<input type="checkbox"/> Interim Status Change
<input type="checkbox"/> Class 3 Modification	<input type="checkbox"/> Interim Status Closure Plan
<input type="checkbox"/> Class 2 Modification	<input type="checkbox"/> Soil Core Monitoring Report
<input type="checkbox"/> Class 1 ED Modification	<input type="checkbox"/> Treatability Study
<input type="checkbox"/> Class 1 Modification	<input type="checkbox"/> Trial Burn Plan/Result
<input type="checkbox"/> Endorsement	<input type="checkbox"/> Unsaturated Zone Monitoring Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Waste Minimization Report
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Other:
<input type="checkbox"/> 335.6 Notification	
<input type="checkbox"/> Other:	



November 13, 2024
Project No. 0628-001-11-77-01

Megan Henson
MC-124
Municipal Solid Waste Permits Section
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, Texas 78711-3087

Re: Limited Scope Major Permit Amendment Application – RACM Acceptance
City of Grand Prairie Landfill – TCEQ Permit No. MSW-996C
Dallas County, Texas
RN100542216/CN600253967

Dear Ms. Henson:

On behalf of the City of Grand Prairie, the purpose of the attached Limited Scope Major Permit Amendment (LSMPA) Application is to revise the City of Grand Prairie Landfill's TCEQ Permit No. MSW-996C to include the acceptance of regulated asbestos containing materials (RACM). The City desires to have the authorization for RACM acceptance mainly to address disposal needs for any potential RACM generated by demolition of old residential and commercial buildings in downtown Grand Prairie. A copy of this submittal was sent to mswper@tceq.texas.gov. The Municipal Solid Waste (MSW) Permit Checklist is attached.

Only portions of the existing permit application that are proposed to change are included. Please process this LSMPA Application per Title 30 Texas Administrative Code (30 TAC) §305.62(j)(2)(a) as this section applies to the addition of an authorization to accept a new waste stream (e.g., RACM).

One original and two copies of this LSMPA Application are provided for your use and distribution. The appropriate regional office has been provided a copy of this LSMPA Application, and a copy of this submittal was placed in the site operating record. The TCEQ Form 00650 is included in Appendix B of the attached LSMPA Application. In accordance with 30 TAC §330.59(h)(2), a \$150.00 application fee has been made online through TCEQ ePay system, as noted on page 2 of TCEQ Form 00650.

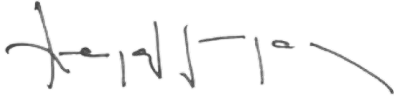
Ms. Megan Henson

November 13, 2024

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

Sincerely,

Weaver Consultants Group, LLC



Nevzat Turan, P.E.
Principal

Attachments: MSW Permit Checklist
Mailing Labels
Limited Scope Major Permit Amendment Application – RACM Acceptance

cc: TCEQ Region 4 Office
Patricia D. B. Redfearn, PhD., City of Grand Prairie

MSW PERMIT CHECKLIST

Administrative and Technical Review Checklist for Municipal Solid Waste (MSW) Permits, Registrations and Amendments

This checklist is designed to provide guidance for the Municipal Solid Waste (MSW) rules found in Title 30 Texas Administrative Code (30 TAC) Chapter 330, for Type I, IV and V registration, permit, and permit amendment applications. Areas of the checklist that are shaded in gray are for information purposes only.

Please fill out application information before selecting and filling out a checklist.

Applicant Information			
Company:	City of Grand Prairie		
First name:	Patricia D.B.	Last name:	Redfearn
Applicant Title:	Director of Solid Waste and Recycling	Prefix:	Dr.
Street Address:	1102 MacArthur Boulevard		
City:	Grand Prairie	State:	TX Zip code: 75050
Applicant E-Mail:			

Consultant Information			
First name:	Nevzat	Last name:	Turan
Consultant Title:	Principal	Prefix:	
Consultant Firm:	Weaver Consultants Group, LLC		
Consultant Address:	6420 Southwest Boulevard, Suite 206		
City:	Fort Worth	State:	TX Zip code: 76109
Consultant E-Mail:			

Application Information			
Facility Name:	City of Grand Prairie Landfill		
Application Date	11/6/2024		
CN:	600253967	MSW ID:	996C
RN:	100542216	Authorization Type:	Permit
County:	Dallas	Application Type:	Permit Amendment

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	Appendices A (RLSO) & B (unmarked)	Only revised pages from Parts I/II, III, and IV are included.	Format-Application
2	General	Submit TCEQ Part I Form (Form No. 0650)	Required	330.57(c)(1)	Yes	Appendix B		Forms
3	General	Submit TCEQ Transportation Data and Report (Form No. 20719)	Required	305.45(a)	Yes	N/A		Forms
4	General	Submit TCEQ Closure Plan (Form No. 20720)	Required	305.45(a)	Yes	N/A		Forms
5	General	Submit TCEQ Closure Cost Estimate (Form No. 20721)	Required	305.45(a)	Yes	N/A		Forms
6	General	Submit TCEQ Post Closure Care Plan (Form No. 20722)	Required	305.45(a)	Yes	N/A		Forms
7	General	Submit TCEQ Post Closure Cost Estimate (Form No. 20723)	Required	305.45(a)	Yes	N/A		Forms
8	General	Part II of the application contains location and coordination information.	Informational	330.57(c)(2)				Format-Application
9	General	Part III of the application contains design information	Informational	330.57(c)(3)				Format-Application
10	General	Part IV of the application contains the site operating plan	Informational	330.57(c)(4)				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)				Format-Application
12	General	Submit data of sufficient completeness, accuracy and clarity	Required	330.57(d)	Yes	Included		Format-Application
13	General	Failure to provide complete information may be cause for ED to return application.	Informational	330.57(d)				Format-Application
14	General	Provide 4 Copies for Initial Submittal (1 original and 3 copies)	Required	330.57(e)	Yes	Included		Format-Application
15	General	Provide 4 copies for NOD Responses including 1 copy with marked revisions (redline/strikeout)	Required	330.57(g)(6)	Yes	N/A		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)				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	Included		Format-Application
18	General	Provide PG sign, seal, & date for applicable items	Required	330.57(f)(2)	Yes	N/A		Format-Application
19	General	Applications that are not sealed are incomplete and shall be returned	Informational	330.57(f)(3)				Format-Application
20	General	Submit the application in three ring-binders	Required	330.57(g)(1)	Yes	N/A	Only revised pages from Parts I/II, III, and IV are included, which are 3-hole punched and clipped.	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	Included		Format-Application
22	General	Provide Table of Contents with PE seal	Required	330.57(g)(3)	Yes	Included	Only revised pages from Parts I/II, III, and IV are included.	Format-Application
23	General	Use 8.5x11 inch or 11x17 paper (folded to 8.5x11 inch)	Required	330.57(g)(4)	Yes	Included		Format-Application
24	General	Provide pages with date (original and revised) and sequential page numbers	Required	330.57(g)(5)	Yes	Included		Format-Application
25	General	Provide legible drawings/maps	Required	330.57(h)(1)	Yes	Included		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	Included		Format-Maps/Drawings
27	General	Provide a standard engineering scale on each figure or drawing	Required	330.57(h)(3)	Yes	Included		Format-Maps/Drawings
28	General	Provide a dated title block on each figure or drawing	Required	330.57(h)(4)(A)	Yes	Included		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	Included		Format-Maps/Drawings
30	General	Provide a revision block on all figures and drawings	Required	330.57(h)(4)(C)	Yes	Included		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	Included		Format-Maps/Drawings
32	General	Include drawing number and a page number on each drawing and figure	Required	330.57(h)(4)(E)	Yes	Included		Format-Maps/Drawings
33	General	Include a north arrow on each map or plan drawing	Required	330.57(h)(5)(A)	Yes	Included		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	Included		Format-Maps/Drawings
35	General	Include a legend on each map or plan drawing	Required	330.57(h)(5)(C)	Yes	Included		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	N/A		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	N/A		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	N/A		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)				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)				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)				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)				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)				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)				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)				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 preconstruction conference	Informational	330.73(c)				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)				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)				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)				General Information
63	General	Identify if the Regulated Entity or Customer has any delinquent fees	Required	330.59(h), 330.671, 330.675	Yes	N/A		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)				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)				Part I Form
66	Part I	Signature Page must have signature and notarization	Required in Part I Form	330.59(a)(1)				Part I Form
67	Part I	Applicant's name, mailing address & phone no.	Required in Part I Form	330.59(a)(1)				Part I Form
68	Part I	Description of the nature of the business	Required in Part I Form	330.59(a)(1)				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 Form
70	Part I	Location description, facility name & mailing address	Required in Part I Form	330.59(b)(1); 305.45(a)(1)				Part I Form
71	Part I	Access routes	Required in Part I Form	330.59(b)(2)				Part I Form
72	Part I	Lat. & Long. of the facility	Required in Part I Form	330.59(b)(3)				Part I Form
73	Part I	Lat. & Long. depicted	Required in Part I Form	330.59(c)(1)(A)				Part I Form
74	Part I	All maps should show the facility location	Required in Part I Form	305.45(a)(6)				Part I Form
75	Part I	All maps should display intake and discharge structures	Required in Part I Form	305.45(a)(6)				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 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)				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)				Part I Form
79	Part I	Wells, springs, surface water bodies	Required in Part I Form	305.45(a)(6)(A)				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 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)				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 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 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 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 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 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 Form
88	Part I	Signed & sealed metes & bounds drawing	Required in Part I Form	330.59(d)(1)(D)			Part I Form
89	Part I	Signed property owner affidavit	Required in Part I Form	330.59(d)(2)			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 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 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 Form
95	Part I	Ownership status as federal, state, private, public, or other	Required in Part I Form	305.45(a)(2)			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 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 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 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 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 Form
101	Part I	Signatory meets 305.44, documentation of delegated signatory authority	Required in Part I Form	330.59(g)			Part I Form
102	Part I	Corporations - signed by a corporate officer	Required in Part I Form				Part I Form
103	Part I	Partnership or proprietorship -signed by a general partner or proprietor	Required in Part I Form				Part I Form
104	Part I	Municipality, public agency -signed by an executive officer or elected official	Required in Part I Form				Part I Form
105	Part I	Signatory certification statement	Required in Part I Form				Part I Form
106	Part I	Hazardous Waste Management	Required in Part I Form	305.45(a)(7)(A)			Part I Form
107	Part I	Underground Injection Control	Required in Part I Form	305.45(a)(7)(B)			Part I Form
108	Part I	NPDES	Required in Part I Form	305.45(a)(7)(C)			Part I Form
109	Part I	Prevention of Significant Deterioration	Required in Part I Form	305.45(a)(7)(D)			Part I Form
110	Part I	Nonattainment Program	Required in Part I Form	305.45(a)(7)(E)			Part I Form
111	Part I	NESHAPS	Required in Part I Form	305.45(a)(7)(F)			Part I Form
112	Part I	Ocean dumping permit	Required in Part I Form	305.45(a)(7)(G)			Part I Form
113	Part I	Dredge & fill permit	Required in Part I Form	305.45(a)(7)(H)			Part I Form
114	Part I	Licenses under the TRCA	Required in Part I Form	305.45(a)(7)(I)			Part I Form
115	Part I	Other environmental permits	Required in Part I Form	305.45(a)(7)(K)			Part I Form
116	Part I	Permit Application Fee is \$2050.00	Required in Part I Form	THSC 361.0675			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)			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

123	Part II	Provide the sources and characteristics of all waste to be accepted.	Required	330.61(b)(1)	Yes	Included	Added acceptance of RACM	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	N/A		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 <u>population equivalent served by the facility</u>	Required	330.61(b)(1)(A)	Yes	N/A		Waste Acceptance Plan
126	Part II	Provide a descriptive narrative that describes the percentage of incoming waste that must be <u>recovered and its intended use</u>	Required if Requested	330.61(b)(1)(A)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Facility Impact
133	Part II	Provide information on the character of <u>surrounding land use within one mile</u>	Required	330.61(h)(2)	Yes	N/A		Existing Conditions
134	Part II	Provide information about the growth trends within five miles & directions of development	Required	330.61(h)(3)	Yes	N/A		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 <u>within one mile</u> .	Required	330.61(h)(4)	Yes	N/A		Existing Conditions
136	Part II	Indicate all wells and the well density within 500 ft.	Required	330.61(h)(5)	Yes	N/A		Existing Conditions
137	Part II	Provide any other information requested by the <u>ED</u>	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	N/A		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	N/A		Transportation
140	Part II	Provide an estimate of traffic volume generated by the facility on access roads within one mile <u>of the facility</u>	Required	330.61(i)(3)	Yes	N/A		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	N/A		Transportation
142	Part II	Provide information about the facility's impact on airports per §330.545, documentation of <u>coordination with FAA</u>	Required	330.61(i)(5)	Yes	N/A		Transportation
143	Part II	Provide documentation of coordination with FAA	Required	330.61(i)(5)	Yes	N/A		Transportation
144	Part II	Provide a demonstration of no bird hazards for landfill units within 10,000 ft. of turbojet <u>runway</u>	Required	330.545(a)	Yes	N/A		Transportation
145	Part II	Provide a demonstration of no bird hazards for landfill units within 5,000 ft. of piston-type <u>runway</u>	Required	330.545(a)	Yes	N/A		Transportation
146	Part II	Provide notice to the airport & the FAA for MSW units within 6 miles of a small airport or within <u>5 miles of a large commercial airport</u> .	Required	330.545(b)	Yes	N/A		Transportation
147	Part II	Putrescible waste disposal must not cause bird hazard. All units within the distances indicated <u>in 330.545(b) must be evaluated</u>	Informational	330.545(d)				Transportation
148	Part II	Discuss in general terms the geology and soils of the proposed site	Required	330.61(j)(1)	Yes	N/A		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 <u>in the Geology Report</u>	Required	330.61(j)(2)	Yes	N/A		Geology
150	Part II	Identify and provide data on seismic impact zones. If located in impact zone see location <u>restrictions in Part III</u>	Required	330.61(j)(3)	Yes	N/A		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 <u>Geology Report</u>	Required	330.61(j)(4)	Yes	N/A		Geology

152	Part II	Provide data on site specific groundwater conditions	Required	330.61(k)(1)	Yes	N/A		Groundwater and Surface Water
153	Part II	Provide data on surface water at or near the site	Required	330.61(k)(2)	Yes	N/A		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	N/A		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	N/A		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)				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)				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)				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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Endangered Species
167	Part II	Provide documentation of compliance with Natural Resource Code, Chapter 191 (Texas Antiquities Code)	Required	330.61(o)	Yes	N/A		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	N/A		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 <u>compliance with regional solid waste plans.</u>	Required	330.61(p)	Yes	N/A		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	N/A		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	N/A		Maps/Drawings
171	Part II	Provide the prevailing wind direction with a wind rose.	Required	330.61(c)(1)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Maps/Drawings
176	Part II	Provide the latitude & longitude of the facility	Required	330.61(c)(6)	Yes	N/A		Maps/Drawings
177	Part II	Provide the location of all area streams	Required	330.61(c)(7)	Yes	N/A		Maps/Drawings
178	Part II	Provide the location of all airports within six miles	Required	330.61(c)(8)	Yes	N/A		Maps/Drawings
179	Part II	Indicate the property boundary of facility	Required	330.61(c)(9)	Yes	N/A		Maps/Drawings
180	Part II	Indicate all drainage, pipeline, and utility easements within & adjacent to the facility	Required	330.61(c)(10)	Yes	N/A		Maps/Drawings
181	Part II	Provide the location of all access control features	Required	330.61(c)(11)	Yes	N/A		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	N/A		Maps/Drawings
183	Part II	Provide a facility layout map	Required	330.61(d)	Yes	N/A		Maps/Drawings
184	Part II	A set of maps may be provided	Informational	330.61(d)				Maps/Drawings
185	Part II	Provide an outline of solid waste management units	Required	330.61(d)(1)	Yes	N/A		Maps/Drawings
186	Part II	Provide the location of interior roads	Required	330.61(d)(2)	Yes	N/A		Maps/Drawings
187	Part II	Indicate the location of monitor wells	Required	330.61(d)(3)	Yes	N/A		Maps/Drawings
188	Part II	Provide the location of all facility buildings	Required	330.61(d)(4)	Yes	N/A		Maps/Drawings
189	Part II	Provide notes on sequence of development	Required	330.61(d)(5)	Yes	N/A		Maps/Drawings
190	Part II	Indicate the location of all facility fencing	Required	330.61(d)(6)	Yes	N/A		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	N/A		Maps/Drawings
193	Part II	Indicate the type of waste in each sector	Required	330.61(d)(9)(A)	Yes	N/A		Maps/Drawings
194	Part II	Provide the general sequence of filling operation	Required	330.61(d)(9)(B)	Yes	N/A		Maps/Drawings
195	Part II	Provide the sequence of excavation & filling	Required	330.61(d)(9)(C)	Yes	N/A		Maps/Drawings
196	Part II	Indicate the dimensions of cells	Required	330.61(d)(9)(D)	Yes	N/A		Maps/Drawings

197	Part II	Indicate the maximum waste elevation & final cover	Required	330.61(d)(9)(E)	Yes	N/A		Maps/Drawing s
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	N/A		Maps/Drawing s
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	N/A		Maps/Drawing s
200	Part II	A series of photos showing growth trends may be used	Informational	330.61(f)(2)				Maps/Drawing s
201	Part II	All submitted prints & photocopies must be legible	Informational	330.61(f)(3)				Maps/Drawing s
202	Part II	Provide zoning map within two miles and a copy of any nonconforming use or special permit required for the facility	Required	330.61(h)(1)	Yes	N/A		Maps/Drawing s
203	Part II	Acknowledge whether the facility is located over the Edwards Aquifer recharge zone. If it is, the facility is subject to Chapter 213.	Acknowledgement	330.549(a)	Yes	N/A		Groundwater and Surface Water
204	Part II	Type I & IAE Landfills are prohibited over the recharge zone	Informational	330.549(a)				Groundwater and Surface Water
205	Part II	Acknowledge if Class 1 cells or expansions are proposed; Class 1 cells are subject to location restrictions §335.584(b)(1)&(2) unless demonstration approved by ED.	Acknowledgement	330.549(b)	Yes	N/A		Groundwater and Surface Water
206	Part II	Class 1 industrial solid waste may not be located in areas where underlying soil unit(s) have a Unified Soil Classification of GW, GP, GM, GC, SW, SP, or SM; or a hydraulic conductivity greater than 1 x 10-5 cm/sec	Informational	335.584(b)(1)(A)&(B)				Groundwater and Surface Water
207	Part II	Class 1 industrial solid waste may not be located in areas overlying a regional aquifer	Informational	335.584(b)(2)				Groundwater and Surface Water
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				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	N/A		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	N/A		Floodplains and Wetlands
214	Part II	Acknowledge if the facility will be located in wetlands.	Acknowledgement	330.553(a) & (b)	Yes	N/A		Floodplains and Wetlands
215	Part II	Demonstrate, if located within wetlands, that there is no practicable alternative location	Required	330.553(b)(1)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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)				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	N/A		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)				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)				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)				Endangered Species
230	Part II	Acknowledge that no solid waste disposal will occur within 25 ft. of the center line of any utility or pipeline easements but no closer than the easement, unless otherwise authorized by the executive director	Acknowledgement	330.543(a)	Yes	N/A		Easements and Buffer Zone
231	Part II	Demonstrate that a 50 ft. buffer zone will be provided and maintained between feedstock or final product storage areas; solid waste storage, processing, Type IAE landfill units, Type IV landfill units, and Type IVAE landfill units within and adjacent to the facility boundary on property owned or controlled by the owner or operator	Required	330.543(b)(1)	Yes	N/A		Easements and Buffer Zone
232	Part II	Demonstrate that a 125 ft. buffer zone will be provided and maintained around all Type I landfill units, and vertical and lateral expansions	Required	330.543(b)(2)(A)	Yes	N/A		Easements and Buffer Zone
233	Part II	125 ft. buffer is required to be measured from outermost edge of new airspace for vertical expansions	Informational	330.543(b)(2)(B)				Easements and Buffer Zone
234	Part II	125 ft. buffer is required to be measured from edge of a horizontally expanded portion	Informational	330.543(b)(2)(C)				Easements and Buffer Zone
235	Part II	125 ft. buffer is required only for newly permitted airspace for vertical or lateral expansions	Informational	330.543(b)(2)(D)				Easements and Buffer Zone
236	Part II	The Executive Director may consider an alternative buffer zone if certain criteria are demonstrated.	Informational	330.543(b)(3)				Easements and Buffer Zone
237	Part II	Submit a demonstration that prescribed buffer zone standard is not feasible	Required if Requested	330.543(b)(3)(A)	Yes	N/A		Easements and Buffer Zone
238	Part II	Provide a design alternative that demonstrates consistency with providing visual screening of solid waste activities	Required if Requested	330.543(b)(3)(B)(i)	Yes	N/A		Easements and Buffer Zone
239	Part II	Provide a design alternative that demonstrates ready access for emergency response, maintenance, & monitoring	Required if Requested	330.543(b)(3)(B)(ii)	Yes	N/A		Easements and Buffer Zone
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)				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)				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)				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)				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	N/A		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	N/A		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	N/A		Geology
250	Part II	Submit information for structural damage to constructed facilities such as roads, buildings, etc.	Required	330.555(b)(1)	Yes	N/A		Geology
251	Part II	Submit information about scarps in natural ground surface	Required	330.555(b)(2)	Yes	N/A		Geology
252	Part II	Submit information about the presence of surface depressions	Required	330.555(b)(3)	Yes	N/A		Geology
253	Part II	Submit information about lineations noted on aerial photographs and topographic maps	Required	330.555(b)(4)	Yes	N/A		Geology
254	Part II	Provide structural control of streams	Required	330.555(b)(5)	Yes	N/A		Geology
255	Part II	Submit information regarding vegetation changes	Required	330.555(b)(6)	Yes	N/A		Geology
256	Part II	Submit information for crude oil and natural gas accumulations.	Required	330.555(b)(7)	Yes	N/A		Geology
257	Part II	Submit information for electrical spontaneous potential & resistivity logs	Required	330.555(b)(8)	Yes	N/A		Geology
258	Part II	Submit information for earth electrical resistivity surveys	Required	330.555(b)(9)	Yes	N/A		Geology
259	Part II	Submit information for open cell excavations	Required	330.555(b)(10)	Yes	N/A		Geology
260	Part II	Submit information for any change in elevation of established benchmarks	Required	330.555(b)(11)	Yes	N/A		Geology
261	Part II	Submit references to published geological literature of area	Required	330.555(b)(12)	Yes	N/A		Geology
262	Part II	Provide location information to identify if the facility is located in a seismic impact zones	Required	330.557	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Geology
267	Part II	Submit information for local soil conditions that may result in significant differential settling	Required	330.559(1)	Yes	N/A		Geology
268	Part II	Submit information for on-site local geologic or geomorphologic features	Required	330.559(2)	Yes	N/A		Geology
269	Part II	Identify local human-made features or events	Required	330.559(3)	Yes	N/A		Geology
270	Part III	Describe facility access control features	Required	330.63(b)(1)	Yes	N/A		General Facility Design

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	N/A		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 feedstock/recyclable	Required	330.63(b)(2)(A)	Yes	N/A		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	N/A		General Facility Design
274	Part III	Provide ventilation & odor control measures for each unit	Required	330.63(b)(2)(C)	Yes	N/A		General Facility Design
275	Part III	Provide construction details of storage, processing units & components, dimensions, capacity, materials used, etc.	Required	330.63(b)(2)(D)	Yes	N/A		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	N/A		General Facility Design
285	Part III	Provide adequate floor drains and/or sumps	Required	330.63(b)(3)(D)	Yes	N/A		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	N/A		General Facility Design
287	Part III	Describe how facility will be designed to protect endangered species	Required	330.63(b)(5)	Yes	N/A		General Facility Design
288	Part III	Acknowledge that the facility design complies with the requirements of 30 TAC 330.303(a) - (b)	Acknowledgement	330.63(c)	Yes	N/A		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	N/A		Surface Water Drainage Report
290	Part III	Demonstrate that existing or permitted drainage patterns will not be adversely altered	Required	330.305(a)	Yes	N/A		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	N/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	N/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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Surface Water Drainage Report
298	Part III	Provide interim erosion controls for phased development	Required	330.305(e)(2)	Yes	N/A		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	N/A		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	N/A		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	N/A		Surface Water Drainage Report
302	Part III	Provide designs for contaminated water storage units	Required	330.305(g)	Yes	N/A		Surface Water Drainage Report
303	Part III	Provide drainage area drawing(s) & calculations	Required	330.63(c)(1)(A)	Yes	N/A		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	N/A		Surface Water Drainage Report
305	Part III	Submit drainage area designs to include ditch grades	Required	330.63(c)(1)(B)	Yes	N/A		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	N/A		Surface Water Drainage Report

307	Part III	Submit calculations verifying drainage patterns will not be adversely altered	Required	330.63(c)(1)(C)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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)				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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Surface Water Drainage Report
326	Part III	Submit plans for levees that include structural integrity	Required if Requested	301.34(1)	Yes	N/A		Surface Water Drainage Report
327	Part III	Submit plans that show compatibility with existing hydraulic conditions.	Required if Requested	301.34(2)	Yes	N/A		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	N/A		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)				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)				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	N/A		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)				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	N/A		Surface Water Drainage Report
334	Part III	Submit plans with PE design, signed & sealed	Required if Requested	301.36	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Waste Management Unit Design
353	Part III	Provide sufficient number of cross-section w/ inset key map gas vents or wells, groundwater monitoring wells, initial and static levels of any groundwater encountered	Required	330.63(d)(4)(E)	Yes	N/A		Waste Management Unit Design
354	Part III	Provide sufficient number of cross-section w/ inset key map showing the top of the levee, top of the proposed fill, top of the wastes, maximum elevation of proposed fill, existing ground, bottom of the excavations, side slopes of trenches and fill areas, gas vents or wells, groundwater monitoring wells, initial and static levels of any groundwater encountered	Required	330.63(d)(4)(E)	Yes	N/A		Waste Management Unit Design
355	Part III	Provide cross-sections so as to accurately depict the existing and proposed depths of all fill areas within the site. The fill cross-sections shall go through or very near the soil borings in order to show boring logs on the profile.	Required	330.63(d)(4)(E)	Yes	N/A		Waste Management Unit Design
356	Part III	Provide cross-sections to depict construction and design details of proposed compacted perimeter or toe berms and aerial-fill waste disposal areas	Required	330.63(d)(4)(F)	Yes	N/A		Waste Management Unit Design
357	Part III	Submit a Liner Quality Control Plan, prepared by a PE to include construction methods, engineering practices & the installation & testing of geomembrane (if used)	Required	330.63(d)(4)(G)	Yes	N/A		Waste Management Unit Design
358	Part III	Submit a liner design for Type I units constructed that ensures that the concentration values listed in Table 1 (Figure: 30 TAC§330.331(a)(1)) will not be exceeded in the uppermost aquifer at the point of compliance	Required	330.331(a)(1)	Yes	N/A		Waste Management Unit Design
359	Part III	Submit a liner design constructed with a composite liner, and a leachate collection system that is designed and constructed to maintain less than a 30-centimeter depth of leachate over the liner	Required	330.331(a)(2)	Yes	N/A		Waste Management Unit Design
360	Part III	Submit a liner design that considers the hydrogeologic characteristics of the facility and surrounding land	Required	330.331(c)	Yes	N/A		Waste Management Unit Design
361	Part III	Submit a liner design that considers the climatic factors of the area	Required	330.331(c)	Yes	N/A		Waste Management Unit Design
362	Part III	Submit for a liner design that considers the volume and physical and chemical characteristics of the leachate	Required	330.331(c)	Yes	N/A		Waste Management Unit Design
363	Part III	Submit for a liner design that considers the quantity, quality, and direction of flow of groundwater	Required	330.331(c)	Yes	N/A		Waste Management Unit Design
367	Part III	Submit for a liner design that considers the public health, safety, and welfare effects; and	Required	330.331(c)	Yes	N/A		Waste Management Unit Design
368	Part III	Submit for a liner design that considers the practicable capability of the owner or operator.	Required	330.331(c)	Yes	N/A		Waste Management Unit Design
369	Part III	Submit a design for a liner system that includes at least four feet of in-situ soil between the deposited waste and groundwater. This in-situ soil liner must meet all the physical properties for a constructed liner as detailed in §330.339(c)(5) of this title (relating to Liner Quality Control Plan)	Required	330.331(d)(1)	Yes	N/A		Waste Management Unit Design
370	Part III	Submit a design for a liner system that includes at least a three-foot thick re-compacted clay liner between the deposited waste and groundwater. The constructed liner must meet all the criteria detailed in §330.339	Required	330.331(d)(2)	Yes	N/A		Waste Management Unit Design

371	Part III	Submit a design for a liner system that includes an alternative liner system, in accordance with §330.335 of this title (relating to Alternative Liner Design).	Required if Requested	330.331(d)(3)	Yes	N/A		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)				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	N/A		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	N/A		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	N/A		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	N/A		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)				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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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		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	N/A		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	N/A		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	N/A		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)				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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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)				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		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		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	N/A		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	N/A		Geology Report
476	Part III	Provide a description of geologic active processes, faulting, subsidence	Required	330.63(e)(2)	Yes	N/A		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	N/A		Geology Report
478	Part III	Provide a description for the composition of the aquifer(s)	Required	330.63(e)(3)(B)	Yes	N/A		Geology Report
479	Part III	Provide the hydraulic properties of the aquifer(s)	Required	330.63(e)(3)(C)	Yes	N/A		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	N/A		Geology Report
481	Part III	Submit information for the hydraulic connectivity of aquifers	Required	330.63(e)(3)(E)	Yes	N/A		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	N/A		Geology Report
483	Part III	Provide an estimate of the rate of groundwater flow	Required	330.63(e)(3)(G)	Yes	N/A		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	N/A		Geology Report
485	Part III	Identify recharge areas to the aquifers within five miles of the site	Required	330.63(e)(3)(I)	Yes	N/A		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	N/A		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	N/A		Geology Report
488	Part III	Provided a sufficient no. of borings to characterize subsurface geology.	Required	330.63(e)(4)(A)	Yes	N/A		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	N/A		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	N/A		Geology Report
491	Part III	Provide GW well installation, abandonment, and plugging	Required	330.63(e)(4)(D)	Yes	N/A		Geology Report
492	Part III	Number of borings & depth may be modified with ED approval	Informational	330.63(e)(4)(E)				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)				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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Geology Report
499	Part III	Submit test results for constant head w/ back pressure	Required	330.63(e)(5)(B)(i)	Yes	N/A		Geology Report
500	Part III	Submit test results for falling head	Required	330.63(e)(5)(B)(ii)	Yes	N/A		Geology Report

501	Part III	Submit test results for sieve analysis	Required	330.63(e)(5)(B)(iii)	Yes	N/A		Geology Report
502	Part III	Submit test results for Atterberg limits	Required	330.63(e)(5)(B)(iv)	Yes	N/A		Geology Report
503	Part III	Submit test results for moisture content	Required	330.63(e)(5)(B)(v)	Yes	N/A		Geology Report
504	Part III	Submit information for the depth at which groundwater was encountered and records of after-equilibrium measurements in all borings. The cross-sections prepared in response to 330.63(e)(4)(G) must be annotated to note the level at which groundwater was first encountered	Required	330.63(e)(5)(C)	Yes	N/A		Geology Report
505	Part III	Submit water levels in monitoring wells, historical water levels in table format for each monitoring well	Required	330.63(e)(5)(D)	Yes	N/A		Geology Report
506	Part III	Submit a tabulation of GW monitoring data on-site or on adjacent units	Required	330.63(e)(5)(E)	Yes	N/A		Geology Report
507	Part III	Identify the uppermost aquifer and any lower aquifers that are hydraulically connected to it beneath the facility	Required	330.63(e)(5)(F)	Yes	N/A		Geology Report
508	Part III	Provide a Groundwater Sampling and Analysis Plan. Compost Permits submit per Chapter 332	Required	330.63(f)	Yes	N/A		Groundwater Sampling & Analysis Plan
509	Part III	Provide a topographic map delineating waste area, property boundary, point of compliance, & GW monitoring wells	Required	330.63(f)(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
510	Part III	Provide a description of any contamination plume from the unit	Required	330.63(f)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
511	Part III	Provide a delineation of contaminate plume on the topographic map	Required	330.63(f)(2)(A)	Yes	N/A		Groundwater Sampling & Analysis Plan
512	Part III	Provide the concentration of each assessment constituent in the plume	Required	330.63(f)(2)(B)	Yes	N/A		Groundwater Sampling & Analysis Plan
513	Part III	Provide an analysis of most likely pollutant pathway, include any GW modeling data & results per 330.403(e)(2), consideration of GW flow changes from construction	Required	330.63(f)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
514	Part III	Provide detailed plans and an engineering report describing the proposed groundwater monitoring program to be implemented to meet the requirements of §330.403	Required	330.63(f)(4)	Yes	N/A		Groundwater Sampling & Analysis Plan
515	Part III	Submit information; supporting data, analyses to establish detection monitoring program per 330.407; If hazardous constituents in 40 CFR 258 & 330.419 have not been detected	Required	330.63(f)(5)	Yes	N/A		Groundwater Sampling & Analysis Plan
516	Part III	Submit the proposed GW monitoring system	Required	330.63(f)(5)(A)	Yes	N/A		Groundwater Sampling & Analysis Plan
517	Part III	Submit background values for each monitoring parameter or constituent listed in §330.419 of this title, or procedures to calculate such values;	Required	330.63(f)(5)(B)	Yes	N/A		Groundwater Sampling & Analysis Plan
518	Part III	Provide for a semiannual monitoring frequency	Required	330.407(a)	Yes	N/A		Groundwater Sampling & Analysis Plan
519	Part III	Provide for a minimum of four statistically independent background GW samples collected quarterly unless approved, background may be updated every 2 yrs. with representative of background demonstration	Required	330.407(a)(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
520	Part III	ED may approve alternative sampling frequency but not less than annual	Informational	330.407(a)(2)				Groundwater Sampling & Analysis Plan
521	Part III	For establishing background, ED may consider previous data	Informational	330.407(a)(3)				Groundwater Sampling & Analysis Plan
522	Part III	Provide Notification of SSI to ED within 14 days of the 60-day SSI determination	Required	330.407(b)	Yes	N/A		Groundwater Sampling & Analysis Plan
523	Part III	Provide (if SSI is determined) a notice to the operating record immediately & establish an assessment monitoring program within 90 days, or provide for resampling within 60 days of SSI determination	Required	330.407(b)(1)-(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
524	Part III	Submit alternative source demonstration including Notification to ED & any local agency, within 14 days of the SSI determination, of the intent to submit ASD	Required	330.407(b)(3)-(A)	Yes	N/A		Groundwater Sampling & Analysis Plan
525	Part III	Submit ASD report to ED & any local agency, within 90 days of the SSI determination, certified by a qualified GW scientist	Required	330.407(b)(3)(B)	Yes	N/A		Groundwater Sampling & Analysis Plan

526	Part III	Provide for No filtering of samples for ASD, ED may require leachate analyses to support ASD	Required	330.407(b)(3)(C)	Yes	N/A		Groundwater Sampling & Analysis Plan
527	Part III	Owner/Operator may continue detection monitoring program	Informational	330.407(b)(3)(D)				Groundwater Sampling & Analysis Plan
528	Part III	Provide for assessment monitoring if no ASD satisfactory to the ED within 90 days of notice. ED may require additional point of compliance wells	Required	330.407(b)(4)	Yes	N/A		Groundwater Sampling & Analysis Plan
529	Part III	Submit annual detection monitoring report within 90 days of last sampling even that includes the following	Required	330.407(c)	Yes	N/A		Groundwater Sampling & Analysis Plan
530	Part III	Submit a statement regarding occurrences of SSLs	Required	330.407(c)(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
531	Part III	Submit GW monitoring results, background GW quality, statistical calculations, graphs, & drawings	Required	330.407(c)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
532	Part III	Submit GW flow rate & direction based on detection sampling water elevations, any supporting documentation	Required	330.407(c)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
533	Part III	Provide for piezometric water level contour map and supporting documentation	Required	330.407(c)(4)	Yes	N/A		Groundwater Sampling & Analysis Plan
534	Part III	Submit recommendations for any changes	Required	330.407(c)(5)	Yes	N/A		Groundwater Sampling & Analysis Plan
535	Part III	Submit any other information required by ED	Required	330.407(c)(6)	Yes	N/A		Groundwater Sampling & Analysis Plan
536	Part III	Submit a permit amendment or modification, If detection monitoring program no longer satisfies 330.407	Required	330.407(d)	Yes	N/A		Groundwater Sampling & Analysis Plan
537	Part III	Provide a description of proposed sampling, analysis, and statistical comparison procedures to be utilized in evaluating groundwater monitoring data	Required	330.63(f)(5)(C)	Yes	N/A		Groundwater Sampling & Analysis Plan
538	Part III	Provide a statement that information, supporting data, and analyses to establish assessment monitoring program per 330.409 will be provided if hazardous constituents are present	Required	330.63(f)(6)	Yes	N/A		Groundwater Sampling & Analysis Plan
539	Part III	Provide a statement indicating that assessment monitoring information and a description of any special waste previously handled at the facility will be provided	Required	330.63(f)(6)(A)	Yes	N/A		Groundwater Sampling & Analysis Plan
540	Part III	Indicate that a characterization of the contaminated groundwater, including concentration of assessment constituents as defined in §330.409 of this title, will be provided	Required	330.63(f)(6)(B)	Yes	N/A		Groundwater Sampling & Analysis Plan
541	Part III	Indicate that a list of assessment constituents as defined in §330.409 of this title for which assessment monitoring will be undertaken, will be provided	Required	330.63(f)(6)(C)	Yes	N/A		Groundwater Sampling & Analysis Plan
542	Part III	Provide plans & engineering report describing GW monitoring system	Required	330.63(f)(6)(D)	Yes	N/A		Groundwater Sampling & Analysis Plan
543	Part III	Provide a description of proposed sampling, analysis, and statistical comparison procedures to be utilized in evaluating groundwater monitoring data	Required	330.63(f)(6)(E)	Yes	N/A		Groundwater Sampling & Analysis Plan
544	Part III	Provide, if hazardous constituents have exceeded the concentration limits, supporting data, and analyses to establish a corrective action program that meets the requirements of §330.411 and §330.413	Required	330.63(f)(7)	Yes	N/A		Groundwater Sampling & Analysis Plan
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	N/A		Groundwater Sampling & Analysis Plan
546	Part III	Indicate that concentration limits for each constituent will be submitted	Required	330.63(f)(7)(B)	Yes	N/A		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	N/A		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	N/A		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	N/A		Groundwater Sampling & Analysis Plan
550	Part III	Criteria to determine if the facility is exempt from groundwater monitoring	Informational	330.401(a)-(c)				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	N/A		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		Groundwater Sampling & Analysis Plan
553	Part III	Submit for suspension demonstration, contaminant fate & transport predictions	Required	330.401(d)(2)	Yes	N/A		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		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	N/A		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	N/A		Groundwater Sampling & Analysis Plan
557	Part III	Provide information on background wells used to determine background GW quality	Required	330.403(a)(1)	Yes	N/A		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		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		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)				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	N/A		Groundwater Sampling & Analysis Plan
562	Part III	Provide a design certified by a qualified groundwater scientist.	Required	330.403(e)	Yes	N/A		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	N/A		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)				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		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		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		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		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		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		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		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)	Yes	N/A		Groundwater Sampling & Analysis Plan
573	Part III	Provide sampling & analysis procedures that ensure accurate results of GW quality	Required	330.405(a)	Yes	N/A		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	N/A		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	N/A		Groundwater Sampling & Analysis Plan
576	Part III	Provide for GW elevations measured at each point, sample from high to low elevations unless contaminated, sample un-contaminated points prior to contaminated points	Required	330.405(b)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
577	Part III	Provide sampling & analysis methods appropriate for groundwater sampling	Required	330.405(b)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
578	Part III	Provide for Type I landfills - collection of samples necessary to establish GW quality data consistent with statistical procedures for detection, assessment, corrective measures	Required	330.405(b)(3)(A)	Yes	N/A		Groundwater Sampling & Analysis Plan
579	Part III	Provide for no field filtered GW samples prior to analysis	Required	330.405(c)	Yes	N/A		Groundwater Sampling & Analysis Plan
580	Part III	Provide and establish background GW quality for detection parameters	Required	330.405(d)	Yes	N/A		Groundwater Sampling & Analysis Plan
581	Part III	Provide 1 or more statistical methods to evaluate detection/assessment parameters	Required	330.405(e)	Yes	N/A		Groundwater Sampling & Analysis Plan
582	Part III	Provide parametric analysis of variance followed by multiple comparison procedures, contrast between well's mean & background mean	Required	330.405(e)(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
583	Part III	Provide analysis of variance based on ranks followed by multiple comparison procedures, contrast between well's median & background median	Required	330.405(e)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
584	Part III	Provide tolerance or prediction interval procedures	Required	330.405(e)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
585	Part III	Provide a control chart approach	Required	330.405(e)(4)	Yes	N/A		Groundwater Sampling & Analysis Plan
586	Part III	Provide for any statistical method to meet the standards listed under 330.405(f)	Required	330.405(e)(5)	Yes	N/A		Groundwater Sampling & Analysis Plan
587	Part III	Provide the statistical method chosen under 330.405(e) appropriate for the distribution	Required	330.405(f)-(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
588	Part III	Provide, if individual sampling point comparison to background or GW protection standard is used, for the test to be done at Type I error level not <0.01.	Required	330.405(f)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
589	Part III	Provide, If control chart is used, the specific type of chart & its parameters must be protective, consider no. of samples, distribution, & concentration range	Required	330.405(f)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
590	Part III	Provide the tolerance or prediction intervals used	Required	330.405(f)(4)	Yes	N/A		Groundwater Sampling & Analysis Plan
591	Part III	Provide that the statistical method used accounts for data below detection	Required	330.405(f)(5)	Yes	N/A		Groundwater Sampling & Analysis Plan
592	Part III	Provide for the statistical method to control or correct for seasonal, spatial variability & temporal correlation in data	Required	330.405(f)(6)	Yes	N/A		Groundwater Sampling & Analysis Plan

593	Part III	Indicate that assessment monitoring is required whenever the owner or operator determines there has been a statistically significant increase over background for one or more of the constituents listed in §330.419 of this title	Required	330.409(a)	Yes	N/A		Groundwater Sampling & Analysis Plan
594	Part III	Indicate that within 90 days of determining that a statistically significant increase has occurred in accordance with §330.407(b) and not less than annually thereafter, the owner or operator shall sample and analyze the groundwater monitoring system for the full set of constituents listed in Appendix II to 40 Code of Federal Regulations (CFR) Part 258	Required	330.409(b)	Yes	N/A		Groundwater Sampling & Analysis Plan
595	Part III	Indicate that a minimum of one sample shall be collected from each point of compliance well and analyzed for the 40 CFR Part 258, Appendix II constituents during each sampling event.	Required	330.409(b)	Yes	N/A		Groundwater Sampling & Analysis Plan
596	Part III	Indicate that for any new constituent(s) detected in the point of compliance wells as a result of the complete Appendix II analysis, a minimum of four statistically independent samples from each background well shall be collected and analyzed to establish background levels for the additional constituent(s).	Required	330.409(b)	Yes	N/A		Groundwater Sampling & Analysis Plan
597	Part III	Indicate that after sampling all point of compliance wells for Appendix II constituents, the executive director may specify an appropriate subset of wells to be sampled and analyzed for the Appendix II constituents during assessment monitoring and may delete any of the Appendix II constituents for a municipal solid waste management unit if the owner or operator can document that the removed constituents are not reasonably expected to be in or derived from the waste contained in the unit	Required	330.409(b)	Yes	N/A		Groundwater Sampling & Analysis Plan
598	Part III	Provide, if the ED specifies, an alternative frequency for sampling Appendix II constituents	Required	330.409(c)(1)-(5)	Yes	N/A		Groundwater Sampling & Analysis Plan
599	Part III	Indicate that Appendix II constituents results will be submitted within 60 days after each sampling event	Required	330.409(d)	Yes	N/A		Groundwater Sampling & Analysis Plan
600	Part III	Indicate that within 90 days of reporting Appendix II results & semiannually thereafter, all wells will be resampled for Appendix I & any new constituent detected from Appendix II, and that the results of resampling will be submitted within 60 days after each sampling event	Required	330.409(d)(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
601	Part III	Provide background concentrations for additional Appendix II constituents detected	Required	330.409(d)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
602	Part III	Provide groundwater protection standards for all constituents detected in point of compliance wells	Required	330.409(d)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
603	Part III	Provide notification to ED, If concentrations are at or below background for 2 consecutive sampling events, and return to detection monitoring	Required	330.409(e)	Yes	N/A		Groundwater Sampling & Analysis Plan
604	Part III	Continue assessment monitoring If concentrations are above background but below GW protection standards	Required	330.409(f)	Yes	N/A		Groundwater Sampling & Analysis Plan
605	Part III	Indicate that no later than 60 days after each sampling event a determination whether any 40 CFR Part 258, Appendix II constituents were detected at statistically significant levels above the groundwater protection standards. If exceeded the ED & local government will be notified within 7 days of determination	Required	330.409(g)	Yes	N/A		Groundwater Sampling & Analysis Plan
606	Part III	Provide the characterization and extent of release by installing additional wells as necessary	Required	330.409(g)(1)-(A)	Yes	N/A		Groundwater Sampling & Analysis Plan
607	Part III	Provide for the installation of wells adjacent to the well with exceedance before next sampling event & sample new well for Appendix I & additional constituents from Appendix II	Required	330.409(g)(1)(B)	Yes	N/A		Groundwater Sampling & Analysis Plan
608	Part III	Provide Notification to all persons that own or occupy the land that overlies any part of the contamination plume	Required	330.409(g)(1)(C)	Yes	N/A		Groundwater Sampling & Analysis Plan

609	Part III	Provide an assessment of corrective measures within 90 days of notice to ED	Required	330.409(g)(1)(D)	Yes	N/A		Groundwater Sampling & Analysis Plan
610	Part III	Notify ED within 14 days of exceedance determination and intent to submit an <u>Alternate Source Demonstration (ASD)</u>	Required	330.409(g)(2)-(A)	Yes	N/A		Groundwater Sampling & Analysis Plan
611	Part III	Submit certified ASD report within 90 days of exceedance determination	Required	330.409(g)(2)(B)	Yes	N/A		Groundwater Sampling & Analysis Plan
612	Part III	Provide for no filtering of samples for ASD, ED may require leachate analyses to support ASD and continue assessment monitoring program	Required	330.409(g)(2)(C)-(D)	Yes	N/A		Groundwater Sampling & Analysis Plan
613	Part III	Provide for assessment monitoring If ASD is accepted by ED, otherwise implement <u>assessment of corrective measures</u>	Required	330.409(g)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
614	Part III	Provide for a permit amendment or modification if assessment monitoring program is no longer compliant with 330.409,	Required	330.409(g)(4)	Yes	N/A		Groundwater Sampling & Analysis Plan
615	Part III	Provide for/establish GW protection standards for Appendix II constituents in the point of <u>compliance monitoring wells</u>	Required	330.409(h)	Yes	N/A		Groundwater Sampling & Analysis Plan
616	Part III	Provide for GW protection standard for constituents for which a maximum (MCL) has been promulgated under 40 CFR Part 141, Safe Drinking Water Act Maximum contaminant level (MCL)	Required	330.409(h)(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
617	Part III	Provide GW protection standard for constituents for which no MCL promulgated	Required	330.409(h)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
618	Part III	Provide GW protection standard for background constituents higher than MCL or health-based level	Required	330.409(h)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
619	Part III	Acknowledge that the ED may establish alternative GW protection standards in <u>accordance with 30 TAC §330.409(i)</u>	Acknowledgement	330.409(i)	Yes	N/A		Groundwater Sampling & Analysis Plan
620	Part III	Submit annual assessment monitoring report within 60 days of 2nd semiannual sampling event	Required	330.409(k)	Yes	N/A		Groundwater Sampling & Analysis Plan
621	Part III	Submit a statement of any statistically significant exceedances of GW protection <u>standards & the status of the exceedance</u>	Required	330.409(k)(1)	Yes	N/A		Groundwater Sampling & Analysis Plan
622	Part III	Submit GW monitoring results, summary of background, statistical calculations, graphs & <u>drawings</u>	Required	330.409(k)(2)	Yes	N/A		Groundwater Sampling & Analysis Plan
623	Part III	Submit GW flow rate & direction based on data from sampling events, supporting <u>documentation</u>	Required	330.409(k)(3)	Yes	N/A		Groundwater Sampling & Analysis Plan
624	Part III	Submit a Piezometric water level contour map and supporting documentation	Required	330.409(k)(4)	Yes	N/A		Groundwater Sampling & Analysis Plan
625	Part III	Provide recommendations for any changes	Required	330.409(k)(5)	Yes	N/A		Groundwater Sampling & Analysis Plan
626	Part III	Submit Any other information required by ED	Required if Requested	330.409(k)(6)	Yes	N/A		Groundwater Sampling & Analysis Plan
627	Part III	Provide detection monitoring for constituents listed in Appendix I, 40 CFR Part 258	Required	330.419(a)	Yes	N/A		Groundwater Sampling & Analysis Plan
628	Part III	ED may delete constituents from Appendix I if constituent not likely to be derived from waste <u>disposed of in the landfill</u>	Informational	330.419(b)				Groundwater Sampling & Analysis Plan
629	Part III	ED may establish alternative inorganic list, add organic or inorganic constituents based on <u>consideration of the following</u>	Informational	330.419(c)				Groundwater Sampling & Analysis Plan
630	Part III	Types, concentrations, quantities, persistence of waste constituents	Informational	330.419(c)(1)				Groundwater Sampling & Analysis Plan
631	Part III	Mobility, stability, persistence of constituents & their reaction products	Informational	330.419(c)(2)				Groundwater Sampling & Analysis Plan
632	Part III	Detectability of indicator & waste constituents & reaction products in groundwater	Informational	330.419(c)(3)				Groundwater Sampling & Analysis Plan
633	Part III	Concentrations & coefficients of variability of parameters or constituents in the groundwater <u>background</u>	Informational	330.419(c)(4)				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 <u>specifications</u>	Required	330.421(a)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Groundwater Sampling & Analysis Plan
639	Part III	Provide designs for casing, screen, filter pack, & seal	Required	330.421(a)(2)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Groundwater Sampling & Analysis Plan
650	Part III	Identify well location & elevation surveyed, permanently marked	Required	330.421(d)	Yes	N/A		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	N/A		Groundwater Sampling & Analysis Plan
652	Part III	Provide a Landfill Gas Management Plan to comply with Subchapter I	Required	330.63(g)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Landfill Gas Management Plan
657	Part III	Indicate that methane monitoring will be conducted, at a minimum, quarterly.	Required	330.371(b)(2)	Yes	N/A		Landfill Gas Management Plan
658	Part III	Provide in the plan the necessary steps to take if methane concentrations exceed 1.25% in structures and/or 5% in boundary matrices; including notification to the ED, local officials, emergency officials, & the public	Required	330.371(c)-(1)	Yes	N/A		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	N/A		Landfill Gas Management Plan
661	Part III	Indicate that the ED may establish alternative schedule for monitoring & exceedance actions	Required	330.371(d)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Landfill Gas Management Plan
667	Part III	Provide a description of how gases be managed & controlled	Required	330.371(g)-(1)	Yes	N/A		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	N/A		Landfill Gas Management Plan
669	Part III	Provide a backup plan for breakdowns	Required	330.371(g)(3)	Yes	N/A		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)				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	N/A		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	N/A		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	N/A		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	N/A		Landfill Gas Management Plan
680	Part III	Provide a demonstration that above ground disposal area final cover slopes shall not exceed 25%. Topmost portion of final cover shall be between 2% & 6%.	Required	330.453(c)	Yes	N/A		Closure Plan
681	Part III	Provide a demonstration that a design with an excess of 25% final cover slopes may be submitted. The design must demonstrate the management of drainage, such as control flumes, diversion terraces, spillways or other acceptable methods	Required if Requested	330.453(c)	Yes	N/A		Closure Plan
682	Part III	An alternative final cover design may be submitted to demonstrate an equivalent reduction in infiltration as the clayey soil cover infiltration layer specified under 330.453(a).	Required if Requested	330.453(d)(1)	Yes	N/A		Closure Plan
683	Part III	An alternative final cover design may be submitted to demonstrate approved alternative final cover that achieves equivalent protection from wind & water erosion	Required if Requested	330.453(d)(2)	Yes	N/A		Closure Plan
684	Part III	Submit information to comply with post-closure care once closure of a Type IV facility is complete	Required	330.453(f)	Yes	N/A		Closure Plan
685	Part III	Provide designs for a final cover system consisting of not less than two feet of soil cover.	Required	330.457(a)	Yes	N/A		Closure Plan

686	Part III	For landfills with a synthetic bottom liner, provide a final cover system design that includes a synthetic membrane with a permeability less than or equal to the bottom	Required	330.457(a)(1)	Yes	N/A		Closure Plan
687	Part III	Provide designs for a synthetic liner with minimum thickness of 20 mils, or 60 mils in the case of high-density polyethylene, to ensure proper seaming	Required	330.457(a)(1)	Yes	N/A		Closure Plan
688	Part III	For landfills with no synthetic bottom liner, provide a final cover system design that includes a minimum 18-inch thick clay-rich soil cover layer with a coefficient of permeability less than or equal to any constructed bottom liner or natural subsoil present. The coefficient of permeability shall not exceed 1 x 10 ⁻⁵ cm/sec	Required	330.457(a)(2)	Yes	N/A		Closure Plan
689	Part III	Provide designs for an erosion layer that consist of at least six inches of soil capable of sustaining native plant growth and that will be seeded or sodded immediately following the application of the final cover	Required	330.457(a)(3)	Yes	N/A		Closure Plan
690	Part III	Provide designs for cover of a Class 1 cell that consist of 4ft. clay with permeability not > 1x10 ⁻⁷ overlain by 18in. Topsoil. If waste is to be placed above Class 1 cell, it must first be covered with a four-foot layer of compacted clay-rich soil and must meet the requirements of 330.457 and include a flexible membrane component .	Required if Requested	330.457(b)	Yes	N/A		Closure Plan
691	Part III	Provide for permeability quality control testing of the 18-inch cover at no less than 1 test/acre and submit data to ED	Required	330.457(c)	Yes	N/A		Closure Plan
692	Part III	Demonstrate that the alternative final cover will achieve equivalent reduction in infiltration as the clay-rich soil cover layer specified under 330.457(a)(1) or (2)	Required if Requested	330.457(d)(1)	Yes	N/A		Closure Plan
693	Part III	Demonstrate that the alternative final cover will provide equivalent wind & water erosion protection as the erosion layer specified in 330.457(a)(3)	Required if Requested	330.457(d)(2)	Yes	N/A		Closure Plan
694	Part III	Submit a written closure plan describing the steps necessary to close units at any time and a description of the final cover design, methods, and procedures to install the final cover	Required	330.457(e)(1)	Yes	N/A		Closure Plan
695	Part III	Provide an estimate of the largest area needing final cover	Required	330.457(e)(2)	Yes	N/A		Closure Plan
696	Part III	Provide an estimate of max volume of waste ever on-site	Required	330.457(e)(3)	Yes	N/A		Closure Plan
697	Part III	Provide a schedule for completing closure activities	Required	330.457(e)(4)	Yes	N/A		Closure Plan
698	Part III	Provide a final contour map - depicting proposed final contours, top & side slopes, surface drainage features, and 100yr flood protection	Required	330.457(e)(5)	Yes	N/A		Closure Plan
699	Part III	Provide the specifics for the implementation of closure plan and place a copy of the plan in the operating record by the initial receipt of waste	Required	330.457(f)(1)	Yes	N/A		Closure Plan
700	Part III	Notify the ED in writing of the intent to close the facility, 45 days prior to initiation of closure activities	Required	330.457(f)(2)	Yes	N/A		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	N/A		Closure Plan
702	Part III	Provide for closure activities to be completed within 180 days of initiation	Required	330.457(f)(4)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Post-Closure Plan
724	Part III	Provide for 30-year post-closure care after PE certification of closure	Required	330.463(b)(1)	Yes	N/A		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	N/A		Post-Closure Plan
726	Part III	Provide maintenance and operation of the leachate collection system	Required	330.463(b)(1)(B)	Yes	N/A		Post-Closure Plan
727	Part III	Provide for maintenance and monitoring of the groundwater monitoring system per requirements of Subchapter I	Required	330.463(b)(1)(C)	Yes	N/A		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	N/A		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	N/A		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	N/A		Post-Closure Plan

732	Part III	Provide the name, address, & phone number of responsible person	Required	330.463(b)(3)(B)	Yes	N/A		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	N/A		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 L	Required	330.463(b)(3)(D)	Yes	N/A		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	N/A		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	N/A		Closure Cost Estimates
739	Part III	Provide for annual review of cost estimates	Required	330.503(a)(1)	Yes	N/A		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	N/A		Closure Cost Estimates
741	Part III	Reduction in cost estimate may be approved	Required if Requested	330.503(a)(3)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Corrective Action Cost Estimate
756	Part III	Provide financial assurance per Chapter 37, Subchapter R	Required	330.503(b)	Yes	N/A		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	N/A		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)				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)				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)				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	N/A		Site Operating Plan
763	Part IV	Acknowledge that any deviation from the permit and incorporated plans or other related documents associated with the permit is a violation of this chapter	Acknowledgement	330.121(a)	Yes	N/A		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		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	N/A		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	N/A		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	N/A		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 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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Site Operating Plan
782	Part IV	Indicate that the executive director may set alternative schedule for recordkeeping & notification	Required	330.125(g)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Site Operating Plan
787	Part IV	Provide a description of the function & minimum qualifications of key personnel	Required	330.127(1)	Yes	N/A		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	N/A		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	N/A		Site Operating Plan
790	Part IV	Provide general instructions for personnel concerning operational requirements	Required	330.127(3)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Site Operating Plan
795	Part IV	Indicate that records will be kept of all waste load inspections	Required	330.127(5)(B)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Site Operating Plan
802	Part IV	Provide fire protection standards & training procedures	Required	330.129	Yes	N/A		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	N/A		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	N/A		Site Operating Plan
805	Part IV	Provide provisions for access control to the facility	Required	330.131	Yes	N/A		Site Operating Plan
806	Part IV	Provide an inspection and maintenance schedule for access control features	Required	330.131	Yes	N/A		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	N/A		Site Operating Plan
808	Part IV	Identify all unloading areas and specify maximum size of each unloading area.	Required	330.133(a)	Yes	N/A		Site Operating Plan
809	Part IV	Indicate that trained staff will monitor incoming loads at each unloading area	Required	330.133(a)	Yes	N/A		Site Operating Plan
810	Part IV	Indicate that the unloading of waste in unauthorized areas is prohibited.	Required	330.133(b)	Yes	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)				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	N/A		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	N/A		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	N/A		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	N/A		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 4.2.2	Section updated	Site Operating Plan
823	Part IV	Specify waste acceptance and operating hours	Required	330.135(a)	Yes	N/A		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)				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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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 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 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 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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	N/A		Site Operating Plan
861	Part IV	Provide a description of the specific method for controlling mud & debris	Required	330.153(a)	Yes	N/A		Site Operating Plan
862	Part IV	Specify method of dust control or suppression	Required	330.153(b)	Yes	N/A		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	N/A		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	N/A		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	N/A		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	N/A		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	Yes	N/A		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	Yes	N/A		Site Operating Plan
869	Part IV	Indicate that scavenging is prohibited.	Required	330.155	Yes	N/A		Site Operating Plan
870	Part IV	Specify criteria for the protection of identified endangered species	Required	330.157	Yes	N/A		Site Operating Plan
871	Part IV	Indicate that landfill gas report and submittals must be maintained in operating record	Required	330.159	Yes	N/A		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	N/A		Site Operating Plan
873	Part IV	Indicate that within 30 days of discovery, the facility will provide the executive director with notification and written certification that the water 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(a)	Yes	N/A		Site Operating Plan
875	Part IV	Indicate that the executive director may approve any well used to supply water at the facility that is located within the permit boundary if it is determined that the well is outside the waste footprint, it is not impacted by landfill operations, it can be demonstrated that well design and installation will prevent any cross-contamination from the waste management unit to the water well production zone and between any water bearing zones, and an approved sampling plan to include frequency and parameters is in place.	Required	330.161(a)	Yes	N/A		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	N/A		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	N/A		Site Operating Plan
878	Part IV	Specify the methods of compaction of waste	Required	330.163	Yes	N/A		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	N/A		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	N/A		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)				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	N/A		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 leachate.	Required	330.165(c)	Yes	N/A		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		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		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		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		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		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		Site Operating Plan
890	Part IV	Indicate that contaminated soils used as ADC will not contain TPH concentrations greater than 1,500 ppm unless ED approves a suitability demonstration	Required If Requested	330.165(d)(4)(B)	Yes	N/A		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		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		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		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	N/A		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	N/A		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	N/A		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	N/A		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)				Site Operating Plan
908	Part IV	indicate that the landfill operator must obtain from the transporter a hauler trip ticket for a municipal transporter route or stationary compactors, as appropriate, prior to allowing discharge of the material at the landfill. These trip tickets must be maintained as a part of the operating record.	Required	330.169(4)	Yes	N/A		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	N/A		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	N/A		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	N/A		Site Operating Plan
912	Part IV	Indicate that requests for approval to accept special wastes must be submitted by the generator to the executive director or to a facility with an approved plan	Required	330.171(b)(2)	Yes	N/A		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	N/A		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 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	N/A		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	N/A		Site Operating Plan
918	Part IV	Indicate that soils contaminated by petroleum products, crude oils, or chemicals in concentrations of greater than 1,500 milligram per kilogram (mg/kg) total petroleum hydrocarbons; or contaminated by constituents of concern that exceed the concentrations listed in Table 1, Constituents of Concern and Their Maximum Leachable Concentrations in 30 TAC §335.521(a)(1) of this title (relating to Appendices) must be disposed in dedicated cells that meet the requirements of 30 TAC §330.331(e) of this title (relating to Design Criteria).	Required	330.171(b)(4)	Yes	N/A		Site Operating Plan
919	Part IV	Indicate that the executive director may authorize the receipt of special waste with a written concurrence from the facility, however, the facility operator is not required to accept the waste.	Required	330.171(b)(5)	Yes	N/A		Site Operating Plan
920	Part IV	Indicate that the executive director may revoke an authorization to accept special waste if the owner or operator does not maintain compliance with these rules or conditions imposed in the authorization to accept special waste.	Required	330.171(b)(6)	Yes	N/A		Site Operating Plan
921	Part IV	Indicate that special waste listed under 330.171(c) may be accepted if managed per the handling procedures for each waste identified in 330.171(c)(1) - (7)	Required	330.171(c)	Yes	N/A		Site Operating Plan
922	Part IV	Indicate that used oil filters from internal combustion engines must not be intentionally and knowingly accepted for disposal at landfills permitted under this chapter except as provided in 330.171(d)(1) & (2)	Required	330.171(d)	Yes	N/A		Site Operating Plan
923	Part IV	Indicate that Class 1 industrial solid waste shall not be disposed in the landfill	Required	330.173(a)	Yes	N/A		Site Operating Plan

924	Part IV	Indicate that wastes that are Class 1 only because of asbestos content may be accepted at any Type I or Type IAE landfill that is authorized to accept regulated asbestos-containing material (RACM). Authorization to accept this waste is implied in the authorization to accept RACM unless the acceptance of industrial wastes is prohibited by the permit. All Class 1 industrial asbestos wastes will be manifested and the owner or operator of the landfill facility shall comply with the requirements of 30 TAC §330.173(g) & (h)	Required	330.173(c)	Yes	Part IV, Section 4.20.5	Regulated Asbestos-Containing Materials section added.	Site Operating Plan
925	Part IV	Indicate that the operator may not accept Class 1 without written approval and a manifest per 30 TAC §335.10	Required	330.173(b)	Yes	N/A		Site Operating Plan
926	Part IV	Indicate that requests for authorization to accept Class 1 solid wastes must be submitted in writing to the executive director	Required	330.173(d)	Yes	N/A		Site Operating Plan
927	Part IV	Indicate that a request to accept Class 1 waste must include a description of chemical & physical characteristics of the waste per 30 TAC §335.587, a hazardous waste statement, and the quantity, rate, and frequency of disposal	Required	330.173(d)(1)	Yes	N/A		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		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		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)				Site Operating Plan
931	Part IV	Indicate that any authorization to accept Class 1 waste is subject to the site operating in compliance with 30 TAC §330.173 and any specific conditions required under any letter(s) of authorization. Failure to operate the site in compliance with 30 TAC §330.173 or any special conditions imposed by the executive director may result in revocation of the authorization to accept a Class 1 waste.	Required If Requested	330.173(f)	Yes	N/A		Site Operating Plan
932	Part IV	Indicate that Class 1 waste must be accompanied by a manifest that must be signed by the operator and copies retained for 3 yrs.	Required If Requested	330.173(g)	Yes	N/A		Site Operating Plan
933	Part IV	Indicate that a Class 1 waste acceptance report must be submitted by 25th of the month	Required If Requested	330.173(h)	Yes	N/A		Site Operating Plan
934	Part IV	Indicate that the facility will accepted Class 2 waste provided the acceptance of this waste does not interfere with facility operation and its acceptance is in accordance with any applicable limitations in §330.5(a)(2) and the waste acceptance plan required by §330.61(b)	Required	330.173(i)	Yes	N/A		Site Operating Plan
935	Part IV	Indicate that the facility will accepted Class 3 waste provided the acceptance of this waste does not interfere with facility operation	Required	330.173(j)	Yes	N/A		Site Operating Plan
936	Part IV	Indicate that the executive director may require visual screening	Required	330.175	Yes	N/A		Site Operating Plan
937	Part IV	Provide procedures for leachate or gas condensate recirculation	Required If Requested	330.177	Yes	N/A		Site Operating Plan
938	Part IV	If facility manages Class 1, then it shall comply with 30 TAC §330.179(a)(1)-(6)	Informational	330.179(a)				Site Operating Plan
939	Part IV	Provide a schedule for inspecting monitoring equipment, safety and emergency equipment, and operating and structural equipment that are important to preventing, detecting, or responding to environmental or human health hazards	Required If Requested	335.585(b)	Yes	N/A		Site Operating Plan
940	Part IV	Indicate that the inspection schedule will be maintained at facility	Required If Requested	335.585(b)(1)	Yes	N/A		Site Operating Plan

941	Part IV	Specify the type of problems to be looked for during Class 1 waste inspection	Required If Requested	335.585(b)(2)	Yes	N/A		Site Operating Plan
942	Part IV	Specify the frequency of inspections that is consistent with 40 CFR 264.303, and indicate that unloading areas will be inspected daily	Required If Requested	335.585(b)(3)	Yes	N/A		Site Operating Plan
943	Part IV	Indicate that the facility must remedy any deterioration or malfunction of equipment or structures that the inspection reveals on a schedule that ensures that the problem does not lead to an environmental or human health hazard. Indicate that where a hazard is imminent or has already occurred, remedial action must be taken immediately.	Required If Requested	335.585(c)	Yes	N/A		Site Operating Plan
944	Part IV	Indicate that the facility will maintain inspection logs that include date/time of inspection, inspectors name, observations made, date & nature of repairs	Required If Requested	335.585(d)	Yes	N/A		Site Operating Plan
945	Part IV	Indicate that facility personnel must successfully complete a program of classroom instruction or on-the-job training that teaches them to perform their duties in a way that ensures the facility's compliance with the requirements of this 30 TAC §330.586	Required If Requested	335.586(a)	Yes	N/A		Site Operating Plan
946	Part IV	Indicate that training will provided by a person trained in waste management procedures, and must include instruction that teaches facility personnel waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed	Required If Requested	335.586(a)(1)	Yes	N/A		Site Operating Plan
947	Part IV	Indicate that the training program must be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems	Required If Requested	335.586(a)(2)	Yes	N/A		Site Operating Plan
948	Part IV	Provide procedures for using, inspecting, repairing, & replacing emergency & monitoring equipment; communications or alarm systems; response to fires or explosions; response to GW contamination; & shutdown of operations	Required If Requested	335.586(a)(2)(A)-(E)	Yes	N/A		Site Operating Plan
949	Part IV	Indicate that personnel training must be completed within 6 months	Required If Requested	335.586(b)	Yes	N/A		Site Operating Plan
950	Part IV	Indicate that facility personnel must take part in an annual review of initial training	Required If Requested	335.586(c)	Yes	N/A		Site Operating Plan
951	Part IV	Indicate that facility will maintain personnel records required in 335.586 in the site operating record	Required If Requested	335.586(d)	Yes	N/A		Site Operating Plan
952	Part IV	Indicate that facility will record title of each position & employee name in that position, job description, description of type & amount of training for each position, records of training & job experience	Required If Requested	335.586(d)(1) - (4)	Yes	N/A		Site Operating Plan
953	Part IV	indicate that training records on current personnel must be kept until closure of the facility and training records on former employees must be kept for at least three years from the date the employee last worked at the facility	Required If Requested	335.586(e)	Yes	N/A		Site Operating Plan
954	Part IV	Indicate that the facility will follow the waste analysis requirements of 335.587	Required If Requested	335.587(a)	Yes	N/A		Site Operating Plan
955	Part IV	Provide procedures in compliance with 335.587 to obtain chemical & physical analysis of representative samples	Required If Requested	335.587(a)(1)	Yes	N/A		Site Operating Plan
956	Part IV	Indicate that a waste generator's records of analyses performed on the waste before the effective date of these regulations, or studies conducted on waste generated from processes similar to that which generated the waste to be managed at the facility, may be included in the data base required to comply with this paragraph. Indicate that the facility may arrange for the generator of the waste to supply the information required by this paragraph. Indicate that if the generator does not supply the information, and the owner or operator chooses to accept a waste, the owner or operator is responsible for obtaining the information required to comply with this section	Required If Requested	335.587(a)(1)(A)-(B)	Yes	N/A		Site Operating Plan

957	Part IV	Indicate that the waste analysis may include data developed under Subchapter R of Chapter 335 (relating to Waste Classification), and existing published or documented data on a waste or on such waste generated from similar processes.	Required If Requested	335.587(a)(2)	Yes	N/A		Site Operating Plan
958	Part IV	Indicate that waste analysis must be repeated as necessary to ensure that it is accurate and up-to-date, when the owner or operator is notified, or has reason to believe, that the process or operation generating the waste has changed and when the results of the inspection required in 335.587 indicate that the waste received at the facility does not match the waste designated on the accompanying manifest or shipping paper.	Required If Requested	335.587(a)(3)	Yes	N/A		Site Operating Plan
959	Part IV	Indicate that the owner or operator shall inspect and, if necessary, analyze each waste received at the facility to determine whether it matches the identity of the waste specified on the accompanying manifest or shipping paper	Required If Requested	335.587(a)(4)	Yes	N/A		Site Operating Plan
960	Part IV	Provide a waste analysis plan that describes the procedures which the owner or operator will carry out to comply with 335.587(b)	Required If Requested	335.587(b)	Yes	N/A		Site Operating Plan
961	Part IV	Provide procedures to prevent the ignition or reaction of wastes	Required If Requested	335.588(a)	Yes	N/A		Site Operating Plan
962	Part IV	Indicate that the facility will take precautions to prevent, extreme heat or pressure, fire or explosions, violent reactions, toxic mist, dust, fumes, gases, flammable fumes & gases, damage to devices or facility, or threaten human health or the environment	Required If Requested	335.588(b)(1)-(5)	Yes	N/A		Site Operating Plan
963	Part IV	Indicate that the facility will maintain documentation of compliance with 335.588(a)-(b)	Required If Requested	335.588(c)	Yes	N/A		Site Operating Plan
964	Part IV	Provide a contingency plan that is designed to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of waste or constituents of such waste to air, soil, or surface water	Required If Requested	335.589(a)(1) & (2)	Yes	N/A		Site Operating Plan
965	Part IV	The contingency plan must describe personnel action in response to fires, explosions, or any unplanned sudden or non-sudden release of waste or constituents of such waste to air, soil, or surface water at the facility.	Informational	335.589(b)(1)				Site Operating Plan
966	Part IV	Provide revisions sufficient to comply with requirements of Chapter 335 to any current Spill Prevention, Control, and Countermeasures (SPCC) Plan that is in accordance with Title 40 Code of Federal Regulations (CFR) Part 112, 40 CFR Part 1510, or some other approved emergency or contingency plan, if the facility manages waste in tanks	Required If Requested	335.589(b)(2)	Yes	N/A		Site Operating Plan
967	Part IV	Describe arrangements agreed to by local police departments, fire departments, hospitals, contractors, and state and local emergency response teams to coordinate emergency services.	Required If Requested	335.589(b)(3)	Yes	N/A		Site Operating Plan
968	Part IV	Indicate that the owner or operator will maintain a list of names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator (see subsection (e) of this section), and this list must be kept up-to-date and at the facility. Where more than one person is listed, one must be named as primary emergency coordinator and others must be listed in the order in which they will assume responsibility as alternates.	Required If Requested	335.589(b)(4)	Yes	N/A		Site Operating Plan
969	Part IV	Provide in the contingency plan a list of emergency equipment including location, physical description, & capabilities of equipment	Required If Requested	335.589(b)(5)	Yes	N/A		Site Operating Plan
970	Part IV	Include in the contingency plan an evacuation plan for personnel including signals for evacuation, route and alternate routes	Required If Requested	335.589(b)(6)	Yes	N/A		Site Operating Plan
971	Part IV	Indicate that copies of the contingency plan will be maintained on-site, submitted to police, fire, hospitals, State & local emergency response services	Required If Requested	335.589(c)(1) & (2)	Yes	N/A		Site Operating Plan

972	Part IV	Indicate that the contingency plan must be reviewed, and immediately updated, if necessary, whenever the facility permit is revised, the plan fails in an emergency, the facility changes in its design, construction, operation, maintenance, or other circumstances in a way that materially increases the potential for fires, explosions, or releases of waste or constituents of such waste, or changes the response necessary in an emergency or the list of emergency equipment changes	Required If Requested	335.589(d)(1)-(4)	Yes	N/A		Site Operating Plan
973	Part IV	Indicate that at all times, there must be at least one employee either on the facility premises or on call (i.e., available to respond to an emergency by reaching the facility within a short period of time) with the responsibility for coordinating all emergency response measures. This emergency coordinator shall be thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility, the location of all records within the facility, and the facility layout. In addition, this person must have the authority to commit the resources needed to carry out the contingency plan.	Required If Requested	335.589(e)	Yes	N/A		Site Operating Plan
974	Part IV	Indicate that whenever there is an imminent or actual emergency situation, the emergency coordinator (or his designee when the emergency coordinator is on call) shall immediately activate facility alarms or communication systems, where applicable, to notify all facility personnel and notify appropriate state or local agencies with designated response roles if their help is needed	Required If Requested	335.589(f)(1)(A)-(B)	Yes	N/A		Site Operating Plan
975	Part IV	Indicate that whenever there is a release, fire, or explosion, the emergency coordinator shall immediately identify the character, exact source, amount, and areal extent of any released materials.	Required If Requested	335.589(f)(2)	Yes	N/A		Site Operating Plan
976	Part IV	Indicate that the emergency coordinator shall assess possible hazards to human health or the environment that may result from the release, fire, or explosion.	Required If Requested	335.589(f)(3)	Yes	N/A		Site Operating Plan
977	Part IV	Indicate that if the emergency coordinator determines that the facility has had a release, fire, or explosion that could threaten human health, or the environment, outside the facility and if the emergency coordinator's assessment indicates that evacuation of local areas may be advisable, the emergency coordinator shall immediately notify appropriate local authorities, and must be available to help appropriate officials decide whether local areas should be evacuated.	Required If Requested	335.589(f)(4)	Yes	N/A		Site Operating Plan
978	Part IV	Indicate that the emergency coordinator must notify either government official or National Response Center and provide a report that includes the name & phone number of reporter, name and address of facility, time and type of incident, name and quantity of material involved, extent of injuries, and possible hazards	Required If Requested	335.589(f)(5)(A) - (F)	Yes	N/A		Site Operating Plan
979	Part IV	Indicate that the emergency coordinator shall take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other waste at the facility	Required If Requested	335.589(f)(6)	Yes	N/A		Site Operating Plan
980	Part IV	Indicate that the emergency coordinator shall monitor for leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate if the facility stops operations in response to a fire, explosion, or release	Required If Requested	335.589(f)(7)	Yes	N/A		Site Operating Plan
981	Part IV	Indicate that the emergency coordinator shall provide for treating, storing, or disposing of recovered waste, contaminated soil or surface water, or any other material that results from a release, fire, or explosion at the facility and shall classify all recovered waste, contaminated soil or surface water, or any other material that results from a release, fire, or explosion at the facility	Required If Requested	335.589(f)(8)	Yes	N/A		Site Operating Plan

982	Part IV	Indicate that the emergency coordinator shall ensure that, in the affected area(s) of the facility, no waste that may be incompatible with the released material is treated, stored, or disposed of until cleanup procedures are completed and all emergency equipment listed in the contingency plan is cleaned and fit for its intended use before operations are resumed	Required If Requested	335.589(f)(9)(A) & (B)	Yes	N/A		Site Operating Plan
986	Part IV	Indicate that nonhazardous industrial waste may be placed above natural grade provided that the conditions in §335.590(24)(F)(i) - (vi) of this title are met, except as provided in §335.590(24)(F)(vii)	Required If Requested	330.179(b)	Yes	N/A		Site Operating Plan
987	Part IV	Provide plans and designs for the placement of nonhazardous waste above natural grade in commercial industrial nonhazardous waste landfill units that is in compliance with the requirements of 335.590(24)(F)	Required If Requested	335.590(24)(F)	Yes	N/A		Site Operating Plan
1007	Part IV	Indicate that all wastes generated by a facility must be processed or disposed at an <u>authorized solid waste management facility</u>	Required	330.205(b)	Yes	N/A		Site Operating Plan
1008	Part IV	Indicate that all wastewaters generated by a facility shall be managed as contaminated water <u>in accordance with 330.207</u>	Required	330.205(c)	Yes	N/A		Site Operating Plan
1009	Part IV	Indicate that the facility shall be designed and operated in a manner that sludges produced <u>pass the Paint Filter Liquids Test</u>	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)				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 <u>easy cleaning</u>	Required	330.211	Yes	N/A		Site Operating Plan
1028	Part IV	Indicate that nonreusable containers shall be of suitable strength to minimize vector <u>scavenging or rupturing</u> .	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 <u>propagate vectors</u> .	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 <u>accordance with 30 TAC §330.213</u>	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

MAILING LABELS

CITY OF GRAND PRAIRIE
300 W MAIN ST
GRAND PRAIRIE TX 75050-5621

TRINITY RIVER AUTHORITY OF TEXAS
PO BOX 60
ARLINGTON TX 76004-0060

HERMAN H PLATTNER ETAL
25 HIGHLAND PARK VILLAGE
SUITE 100-711
DALLAS TX 75205-2789

T&T ALVARADO PROPERTIES LLC
3009 N LAUREL AVE
RIALTO CA 92377-3725

AL NAYEM INTERNATIONAL
PO BOX 171887
DALLAS TX 75217-1165

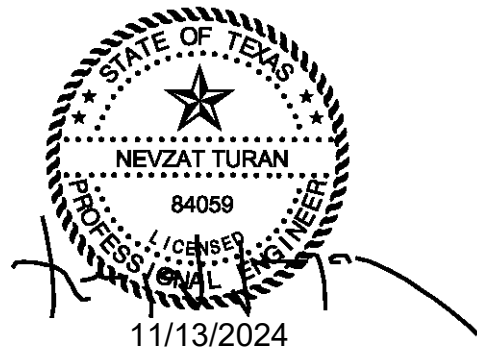
FORTERRA PRESSURE PIPE INC
C/O DUCHARME MCMILLEN & ASSOCIATES
PO BOX 80615
INDIANAPOLIS IN 46280-0615

PIPE PORTFOLIO OWNER MULTI LP
C/O WP CAREY INC
11450 TECHNOLOGY CIRCLE
JOHNS CREEK GA 30097-1504

TPG PRESSURE INC
DBA THOMPSON PIPE GROUP
3009 N LAUREL AVE
RIALTO CA 92377-3725

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C
LIMITED SCOPE MAJOR PERMIT AMENDMENT APPLICATION -
ACCEPTANCE OF RACM**

Prepared for
City of Grand Prairie
November 2024



Prepared by

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

WCG Project No. 0628-001-11-77

CONTENTS

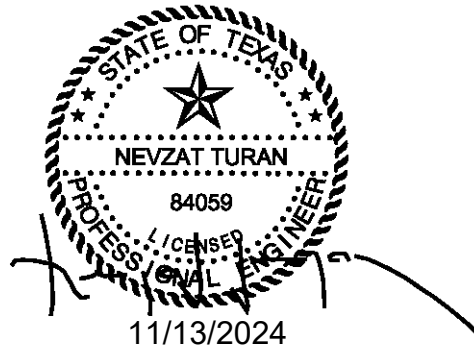
LIMITED SCOPE MAJOR PERMIT AMENDMENT APPLICATION NARRATIVE

APPENDIX A

Replacement Pages (Redline/Strikeout Version)

APPENDIX B

Replacement Pages (Unmarked Version)



LSMPA APPLICATION NARRATIVE

LSMPA Justification

The purpose of this Limited Scope Major Permit Amendment (LSMPA) Application, submitted on behalf of the City of Grand Prairie, is to revise the currently permitted Parts I/II and Site Operating Plan (SOP) to include the acceptance of regulated asbestos-containing materials (RACM) for the City of Grand Prairie Landfill.

This LSMPA Application is submitted in accordance with Title 30 Texas Administrative Code (TAC) §305.62(j)(2)(a) for the addition of authorization to accept a new waste stream (e.g., RACM). The proposed changes meet the requirements of §305.62(j)(2) as they will not result in any increase in volumetric waste capacity and an increase in the maximum permitted elevation of the landfill.

Replacement Pages

The redline/strikeout replacement pages are included in Appendix A. An unmarked version of applicable replacement pages is included in Appendix B. The Core Data Form, TCEQ Part I Application Form (TCEQ-00650), TCEQ Plain Language Summary Forms (TCEQ-20947 and TCEQ-20947-esp), Public Involvement Plan Form (TCEQ-20960), and landowner's list and map from Parts I/II have been updated and are included within Appendix B as complete replacement pages. The following table summarizes the proposed replacement pages contained within this LSMPA Application.

Summary of Replacement Pages

Replacement Pages	Explanation
Core Data Form, TCEQ Part I Application Forms, TCEQ Plain Language Summary Form, and Public Involvement Plan Form Cover Page	Added Plain Language Summary Forms and Public Involvement Plan Form. Updated revision date. Removed "Major Permit Amendment Application." Changed Part "A" to Part I.
Core Data Form	Complete replacement.
TCEQ Part I Application Form (TCEQ-00650)	Complete replacement.
TCEQ Plain Language Summary Form (TCEQ-20947)	New form for application.
TCEQ Plain Language Summary Form in Spanish (TCEQ-20947-esp)	New form for application.

Summary of Replacement Pages (continued)

Replacement Pages	Explanation
Public Involvement Plan Form (TCEQ-20960)	New form for application.
Parts I/II Cover Page	Updated revision date. Removed Major Permit Amendment Application.
Page I/II-2-3	Added RACM to list of waste accepted.
Page I/II-2-4	Removed RACM from waste not accepted.
Page I/II-5-1 – Landowner List & Map	Updated date that information was obtained and updated radius.
Page I/II-5-2 – Landowner’s List	Updated landowner information as a complete replacement.
Figure I/II-5.1 – Land Ownership Map	Updated to correspond to current landowner information and is a complete replacement.
Page I/II-17-2 Notice of Appointment Agent for the Applicant	Updated names, titles, and company.
Page I/II-17-3 Notice of Appointment Engineer’s Appointment	Updated names, titles, and company.
Part III – Site Development Plan Cover Page	Updated revision date and used revision number due to numerous modifications to Part III. Removed Major Permit Amendment Application.
Page III-3	Added RACM as type of waste being accepted, and removed RACM as type of waste not being accepted. Revised Class I to Class 1.
Part IV – Site Operating Plan Cover Page and Table of Contents Page IV-iii	Updated revision date and added new Subsection 4.20.5.
Page IV-14	Removed RACM as type of waste excluded from disposal at the site.
Pages IV-36, 36a, 36b, and 36c	Added new Subsection 4.20.5.
Section 4.20.6 – Industrial Waste, Page 36c	Renumbered Subsection 4.20.5 to 4.20.6. Revised Class I, II, and III waste references to Class 1, 2, and 3.

TCEQ Form 00650

The TCEQ Form 00650 is provided in Appendix B. In accordance with §330.59(h)(2), a payment of \$150 has been made online through the TCEQ ePay system as noted on page 2 of the TCEQ Form 00650.

APPENDIX A

REPLACEMENT PAGES
(REDLINE/STRIKEOUT VERSION)

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

MAJOR PERMIT AMENDMENT APPLICATION

**CORE DATA FORM, TCEQ PART A | APPLICATION
FORM, AND TCEQ PLAIN LANGUAGE SUMMARY
FORMS, AND PUBLIC INVOLVEMENT PLAN FORM
CORE DATA FORM**

Prepared for

City of Grand Prairie

Permit Issued October 31, 2006

Revised December 2008

Revised November 2024

Prepared by

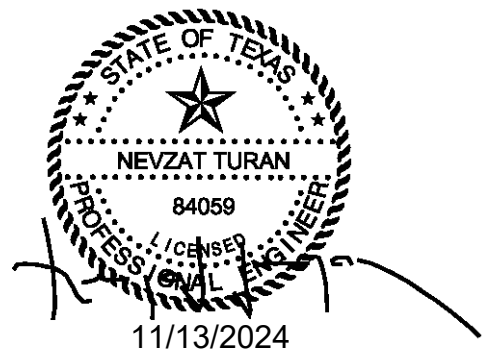
Weaver Consultants Group, LLC

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WCG Project No. 0628-001-11-77

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

MAJOR PERMIT AMENDMENT APPLICATION

**PARTS I/II
GENERAL APPLICATION REQUIREMENTS**

Prepared for

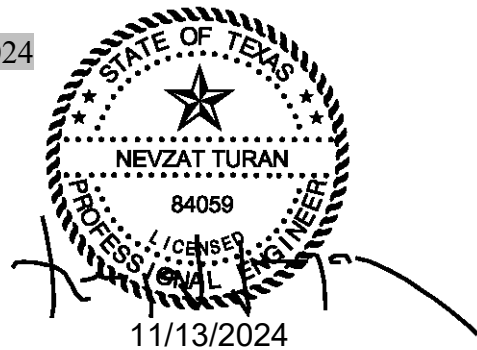
City of Grand Prairie

Permit Issued October 31, 2006

Revised August 2009

Revised August 2014

Revised November 2024



Prepared by

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Boulevard, Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0628-001-11-77

2.1.2 Properties and Characteristics of Waste

The major classifications of solid waste to be accepted at the City of Grand Prairie Landfill include household waste, yard waste, commercial waste, regulated asbestos-containing material (RACM), industrial waste (nonhazardous), construction-demolition waste, and some special wastes. Each classification of waste is defined by §330.2 as follows:

- **Household Waste:** Any solid waste (including garbage, trash, and sanitary waste in septic tanks) derived from households (including single and multiple residences, hotels, motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas); does not include yard waste or brush that is completely free of any household wastes.
- **Yard Waste:** Leaves, grass clippings, yard and garden debris, and brush, including clean woody vegetative material not greater than 6 inches in diameter, that results from landscaping maintenance and land-clearing operations. The term does not include stumps, roots, or shrubs with intact root balls.
- **Commercial Solid Waste:** All types of solid waste generated by stores, offices, restaurants, warehouses, and other nonmanufacturing activities, excluding residential and industrial wastes.
- **RACM – Friable asbestos-containing material (ACM), Category I nonfriable ACM that has become friable, Category I nonfriable ACM that has or will be subjected to sanding, grinding, cutting, or abrading, or Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.**
- **Industrial Waste (Nonhazardous):** Solid waste resulting from or incidental to any process of industry or manufacturing, or mining or agricultural operations, classified as follows:
 - Class II Industrial Solid Waste - any individual solid waste or combination of industrial solid wastes that cannot be described as Class I or Class III, as defined in §335.506 (relating to Class II waste determination).
 - Class III Industrial Solid Waste - any inert and essentially insoluble industrial solid waste, including materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc. that are not readily decomposable as defined in §335.507 (relating to Class III waste determination).
- **Construction-Demolition Waste:** Waste resulting from construction or demolition projects; includes all materials that are directly or indirectly the by-products of construction work or that result from demolition of buildings and other structures, including but not limited to, paper, cartons, gypsum board, wood, wood shavings, rubber, and plastics.

- **Special Wastes:** Any solid waste or combination of solid wastes that because of its quantity, concentration, physical or chemical characteristics, or biological properties requires special handling and disposal to protect human health or the environment. If improperly handled, transported, stored, processed, or disposed of, or otherwise managed, it may pose a present or potential danger to human health or the environment.

Consistent with §330.5 the facility will not accept Class I industrial waste (non-hazardous), regulated hazardous waste, ~~Regulated Asbestos Containing Material (RACM)~~, PCBs, infectious medical wastes, or other wastes prohibited by TCEQ regulations.

2.1.3 Solid Waste Containment System

The design objective of the containment system (final cover, liner, and leachate management systems) is to isolate the solid waste and remove leachate (defined as water that has contacted solid waste) that may collect on the liner system. The liner system proposed for the City of Grand Prairie Landfill (floor grades) is shown in Figure 2.1. The liner system design also includes an underdrain system for liner construction below highest measured groundwater elevations. Excavation side slopes will include a 3-foot thick compacted clay liner overlain a 2-foot thick protective cover layer. Design information and the required QA/QC construction procedures for the individual components of the containment system are presented in Part III of this application. In addition to the above, an existing slurry wall is located around the Subtitle D portion of the site as discussed in Section 3.



Figure 2.1 The liner and cover systems are designed to meet or exceed all state and federal regulations.

2.1.4 Site Development Plan

The site development plan (SDP) is included in Part III in this application. This plan sets forth the overall design and operating characteristics of the landfill. Drawings showing the proposed landfill configuration during site development are presented in Part III, Attachment 1 - Site Layout Plans. A summary of the landfill configuration is provided below.

- With this expansion, the existing limits of waste and the excavation plan will be the same as the currently permitted design. The currently permitted limits of waste and excavation plan are shown on Figure I/II-3.2. This excavation plan was approved by TCEQ in February 2003. This expansion only involves an increase in the permitted fill height, and does not revise the currently permitted excavation plan and limits of waste for this facility. The permit boundary of the municipal solid waste landfill encompasses 178.05 acres (see Section 13 for detailed legal description). The area available for solid waste fill is about 143.6-acres.

5 LANDOWNER LIST AND MAP

The following landowner list and Figure I/II-5.1 provide the names, mailing addresses, and locations of the “Adjacent and Potentially Affected Landowners” around the facility. The list is based on information obtained from the Dallas Central Appraisal District and the City of Grand Prairie Geographic Information Systems (GIS) Department (~~October 2005~~ November 2024) and includes all tracts within ~~500 feet~~ ¼ mile of the site. Refer to Figure I/II-5.1, Land Ownership Map, for location of the properties. The numbers on the landowner list correspond to the numbers listed on Figure I/II-5.1.

*~~This section
addresses
§ 330.52(b)(4)(D)
§ 330.52(b)(5),
and
§ 305.45(a)(6)(D).~~*

**NOTICE OF APPOINTMENT
Agent for the Applicant**

~~Mr. Glenn Shankle~~ Ms. Kelly Keel
Executive Director
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Dear ~~Mr. Shankle~~ Ms. Keel:

This is to advise you that officials of the City of Grand Prairie have duly appointed ~~James Cummings, Environmental Services~~ Patricia D.B. Redfearn, PhD, Director of Solid Waste and Recycling as Agent for the City of Grand Prairie Landfill in matters concerning this Limited Scope Major Permit Amendment Application.

ATTEST:

City of Grand Prairie



Signature

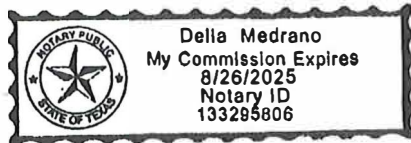
~~Tom Hart~~ William A. Hills, City Manager

Name, Title

11/13/2024

Date

~~SWORN~~ TO AND SUBSCRIBED BEFORE ME by ~~Tom Hart~~ William A. Hills on the 13 day of November, ~~2006~~2024, which witness my hand and seal of office.



Notary Public in and for the State of Texas

Della Medrano

Printed Name

My Commission Expires 8/26/2025

**NOTICE OF APPOINTMENT
Engineer's Appointment**

~~Mr. Glenn Shankle~~ Ms. Kelly Keel
Executive Director
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Dear ~~Mr. Shankle~~ Ms. Keel:

This is to advise you that the City of Grand Prairie has duly appointed Weaver ~~Bees~~ Consultants Group, LLC ~~Southwest~~ (WBCWCG) as consulting and design engineers for the purpose of submitting engineering reports and planning material for the Limited Scope Major Permit Amendment (LSMPA) Application for the City of Grand Prairie Landfill. WBCWCG is an engineering firm employing professional engineers and geologists in good standing in accordance with State statutes, and the firm has extensive experience in the design and construction of similar facilities. ~~Mr. Jeffrey P. Young~~ Nevzat Turan, P.E., Senior Engineer Principal with WBCWCG is engineer of record for this Major Permit Amendment LSMPA Application.

You are hereby authorized to review and comment on such reports, planning material, and data on this proposed project as WBCWCG may submit to you.

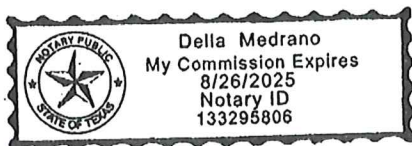
ATTEST:
City of Grand Prairie

Patricia D.B Redfearn
Signature

James Cummings, Environmental Services
Patricia D.B Redfearn, PhD
Director of Solid Waste and Recycling
Name, Title

11/13/2024
Date

SWORN TO AND SUBSCRIBED BEFORE ME by ~~Jim Cummings~~ Patricia D.B Redfearn, PhD on the 13 day of November, 20062024, which witness my hand and seal of office.



Della Medrano
Notary Public in and for the State of Texas
Della Medrano
Printed Name

My Commission Expires 8/26/2025

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

~~MAJOR PERMIT AMENDMENT APPLICATION~~

**PART III - SITE DEVELOPMENT PLAN
SITE DEVELOPMENT PLAN NARRATIVE**

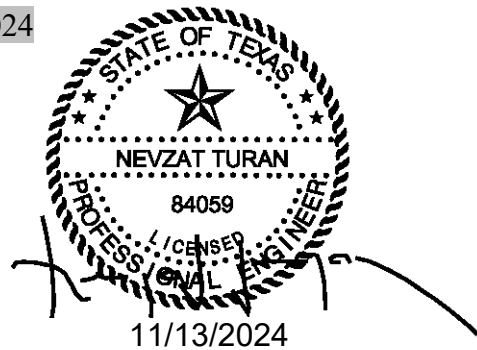
Prepared for

City of Grand Prairie

Permit Issued October 31, 2006

Revision 24

Revised November 2024



Prepared by

11/13/2024

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Boulevard, Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0628-001-11-77

The major classifications of solid waste to be accepted by this facility for disposal include both residential MSW and commercial MSW. Such waste consists of household wastes, construction-demolition waste, and various nonhazardous industrial and special wastes as authorized by the TCEQ. Regulated asbestos-containing material (RACM) as defined in 40 CFR §61.141 will be accepted as detailed in Part IV – Site Operating Plan, Section 4.20.5 – Regulated Asbestos – Containing Material. Consistent with §330.5, the site will not accept regulated hazardous wastes, ~~regulated asbestos-containing materials~~, Class I 1 nonhazardous industrial waste, PCBs, infectious medical wastes, or other wastes prohibited by TCEQ regulations. Waste classifications are provided in Parts I/II, Section 2.1.2 – Properties and Characteristics of Waste.

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

PART IV – SITE OPERATING PLAN

Prepared for

City of Grand Prairie

Permit Issued October 31, 2006

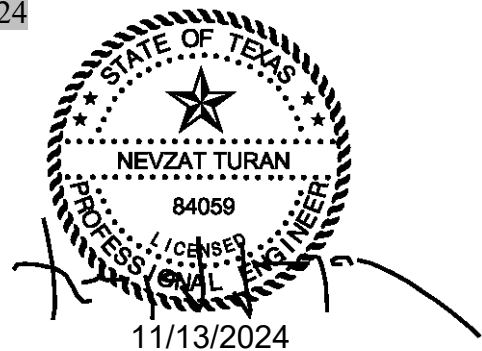
Revised March 2010

Revised November 2015

Revised February 2018

Revised June 2019

Revised November 2024



Prepared by

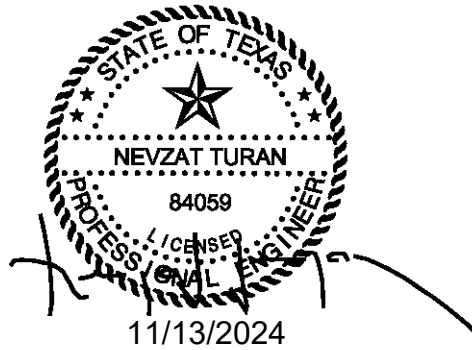
11/13/2024

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

WCG Project No. 0628-001-11-77

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4.2 Unloading Wastes

4.2.1 Unloading Areas

The City of Grand Prairie Landfill accepts general municipal solid wastes as well as brush, rubbish, construction/demolition waste, and certain special wastes outlined in Section 4.20 of this SOP. Wastes are disposed of or processed at the following two unloading areas at the City of Grand Prairie Landfill.

- MSW Unloading Area or Working Face. The vast majority of all wastes accepted at this facility are disposed of at the working face. The working face includes areas where waste has been deposited for disposal but has not been covered with soil.
- Citizens Convenience Center. This unloading area is used to store large item/white goods and other recyclables. Also, this area may be used to store wood waste, wood chips, concrete rubble, and roll-offs for the Citizens Convenience Center.

4.2.2 Waste Excluded from Disposal at the Site

The following wastes are specifically excluded from disposal at the site:

- Regulated hazardous wastes (refer to Section 6 for more information)
- Liquid wastes that do not pass the paint filter test
- Articles, equipment and clothing containing or contaminated with PCBs (refer to Section 6 for more information)
- Grease trap wastes
- Class I Industrial Wastes (non-hazardous)
- ~~Regulated Asbestos Containing Material (RACM)~~
- Waste prohibited by the TCEQ (see 30 TAC §330.15(e))

4.2.3 Waste Unloading Procedures

Office Assistants, Equipment Operators, Spotters, and Laborers will monitor the incoming waste for each of the unloading areas. Office Assistants control site access and monitor incoming vehicles for unauthorized wastes by (1) receiving manifests and other

disposed of by any other means by which the material could be crumbled into a friable state.

4.20.5 Regulated Asbestos-Containing Materials

Regulated Asbestos-Containing Materials (RACM) may be accepted at the facility in accordance with Title 30 TAC §330.171(c)(3). This section outlines processes and procedures for acceptance and disposal of RACM.

Prior to acceptance of RACM, the site will request and review a waste profile from the RACM generator. Once the Landfill Manager, or his designee, approves the waste profile for acceptance, the waste profile will be placed in the Site Operating Record. Each RACM shipment will be accompanied by a waste manifest. Upon receipt, the Landfill Manager, or his designee, will sign the manifest for pre-authorized RACM shipments for disposal and complete the destination section of each manifest. The manifests will be prepared in triplicate. The disposal facility copy will be filed in the Site Operating Record. One copy will be returned to the RACM delivery vehicle driver, and one copy will be returned to the waste generator within 30 days after receipt of the RACM. Acceptable manifests will include at least the following information:

1. Identity and telephone number of the generator;
2. Required information connecting the manifest to the pre-approved waste profile;
3. Description and quantity of waste delivered from the generator;
4. TCEQ registration number and TCEQ waste code (if applicable);
5. Landfill's name.

Disposal of RACM may occur at any location within the constructed Subtitle D landfill footprint as further described below. The site will document the volume of RACM and the disposal depth and location. A registered professional land surveyor (RPLS) will survey and mark each RACM disposal location and will identify this location on a current site drawing, which will be maintained at the site. This information will be submitted as a RACM placement notification to TCEQ, as explained in the RACM placement below.

The site will use the following criteria for RACM placement:

- The Landfill Manager, or his designee, will coordinate the delivery of RACM so that the waste arrives at a time that site personnel can properly manage it.
- RACM will be accepted at the site only if it is contained in tightly closed containers or bags or wrapped as necessary with 6-mil-thick polyethylene.
- During unloading and placement of RACM in the designated area(s), utmost care will be taken to prevent the bags or containers from breaking open.
- RACM will be placed in the constructed Subtitle D landfill sectors, such that it will not be subject to future exposure through erosion or weathering.
- RACM will be placed below natural grade where practical or possible.

- If placed above natural grade, the RACM will be placed at least 20 feet away from any exterior final side slopes and at least 10 feet below the final surface grade.
- RACM will not be placed within 20 feet of the edge of the adjacent pre-Subtitle D area.
- Immediately after RACM is placed in the landfill, one foot of soil cover or 3 feet of asbestos-free municipal solid waste will be promptly placed over the RACM.
- Information and documents pertaining to RACM profiled for disposal and delivered to the landfill for disposal including, but not limited to, records concerning measurements and analyses performed at the site, will be retained in the Site Operating Record.
- Following disposal of RACM, the site will submit a written notification of RACM placement to the executive director no later than the 25th day of the month following the month the RACM was received. Since the site is not expected to receive RACM on a regular basis, approval of this SOP exempts the facility from being required to submit monthly Class 1 waste acceptance reports required by 30 TAC §330.173(h).

A waste discrepancy report will be completed when:

1. RACM arrives without a properly completed waste manifest;
2. RACM arrives and the waste material does not match the description on the waste manifest;
3. RACM arrives and the information on the manifest is determined to be incorrect; or
4. RACM arrives which does not match the information given in the waste profile submitted by the generator.

The facility will not accept or sign for shipments of Class 1 waste that is not RACM.

The Landfill Manager, or his designee, will attempt to resolve any waste discrepancies. If the discrepancy can be resolved, the waste may be accepted, and the discrepancy report will be filed with the shipping documents to document the resolution of the discrepancy. If the discrepancy cannot be resolved, the waste shipment will be rejected, and a discrepancy report will be prepared and filed for the rejected waste shipment.

If delivered RACM is determined to be unauthorized waste, the site will follow the procedures within Section 6 – Detection and Prevention of Disposal of Prohibited Wastes.

In the event that RACM-containing bags or containers rupture at the working face, they will be immediately contained by spraying the area with water to prevent the spread of RACM. Also, earthen dikes, berms or other appropriate measures will be constructed to contain the spill. The Landfill Manager, or his designee, will be promptly notified of the

spill and will coordinate the collection and disposal of the spilled RACM. The spilled RACM will be picked up mechanically or by employees wearing proper protective equipment and re-packaged for disposal. The spill response team will include the Landfill Manager and his designees, who have been trained to respond to RACM spills.

Specific procedures for the cleanup of the spill are outlined below.

- Personnel will take positions upwind of the RACM spill area during the cleanup procedures.
- Employees involved in cleanup will make use of the site's spill control kits, which may include: respirators, disposable coveralls, shoe covers, gloves, and safety glasses or goggles.
- Other site personnel will be directed away from the area until cleanup is complete.
- If the spill of RACM involves a reportable quantity (one pound or more), the National Response Center (NRC) must be notified by the Landfill Manager, or his designee.
- Emergency cleanup actions will include the following.
 - Utilize a water truck to wet down waste with water.
 - Excavate the waste material, place it into a properly labeled bag or a closed container, and dispose of it with the other RACM.
 - Wash any contaminated equipment or machinery.
 - Dispose of gloves, coveralls, and shoe covers in a tightly sealed 6 mil plastic bag.
 - Wash all other personal protective equipment with soap and water.
 - Check the respirator, refit it with new filter cartridges, and store it in a resealable, airtight container for future use.
- Any water pooling from wetting down the spilled material will be removed with a vacuum truck. The removed water will be transported to a properly permitted privately owned off-site wastewater treatment facility (POTW).
- Soil that has contacted the water used to wet down the RACM will be excavated and disposed of at the working face. The excavation of this material will occur immediately after the RACM has been removed.

Upon closure of the facility, a notation indicating that the site accepted RACM will be placed in the deed property records of Dallas County. This notation will indicate where the RACM was disposed of on the property by showing its location on a site diagram. A copy of this documentation will be provided to TCEQ.

4.20.56 Industrial Waste

Class H₂ and Class H₃ industrial solid wastes will be accepted at the facility. Industrial waste (nonhazardous) is defined by §330.3 as solid waste resulting from or incidental to any process of industry or manufacturing, or mining or agricultural operations, classified as follows:

- Class H₂ Industrial Solid Waste - any individual solid waste or combination of industrial solid wastes that cannot be described as Class H₁ or Class H₃, as defined in §335.506 (relating to Class H₂ waste determination). Examples of Class H₂ Industrial Waste include “plant trash” or waste originating in the facility offices or plant production areas that are composed of paper and/or wooden packaging materials, glass, aluminum foil, aluminum cans, aluminum scrap, stainless steel, steel, iron scrap, plastics, styrofoam, rope, twine, uncontaminated rubber, uncontaminated wooden materials, equipment belts, wiring, uncontaminated cloth, metal buildings, empty containers with a holding capacity of five gallons or less, uncontaminated floor sweepings, or food packaging, that are produced as a result of plant production.
- Class H₃ Industrial Solid Waste - any inert and essentially insoluble industrial solid waste, including materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc. that are not readily decomposable as defined in §335.507 (relating to Class H₃ waste determination).

4.21 Prevention of Discharge of Contaminated Water

The Operations/Maintenance Supervisor shall implement necessary steps to control and prevent the discharge of contaminated water from the facility. No discharge of contaminated water shall occur without obtaining specific written authorization from the TCEQ prior to the discharge. All water coming in contact with waste or contaminated soils will be treated as contaminated water. Runon and runoff for the 25-year, 24-hour storm event will be controlled following the procedures set forth in Part III, Attachment 6– Groundwater and Surface Water Protection Plan and Attachment 15 - Leachate and Contaminated Water Plan. The landfill will be operated consistent with §330.15(h)(1)-(4) regarding discharge of solid wastes or pollutants into waters of the United States.

4.22 Leachate and Contaminated Water Plan

Leachate and contaminated water will be controlled at the City of Grand Prairie Landfill as specified in Part III, Attachment 15 - Leachate and Contaminated Water Plan.

APPENDIX B

REPLACEMENT PAGES
(UNMARKED VERSION)

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

**CORE DATA FORM, TCEQ PART I APPLICATION FORM,
TCEQ PLAIN LANGUAGE SUMMARY FORMS, AND
PUBLIC INVOLVEMENT PLAN FORM**

Prepared for

City of Grand Prairie

Permit Issued October 31, 2006

Revised December 2008

Revised November 2024

Prepared by

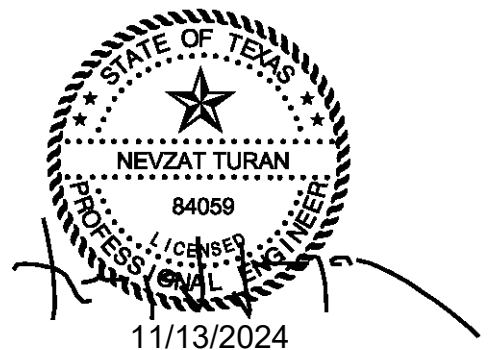
Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Boulevard, Suite 206

Fort Worth, Texas 76109

817-735-9770



WCG Project No. 0628-001-11-77



TCEQ CORE DATA FORM

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

2.1 SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input checked="" type="checkbox"/> Other Limited Scope Major Permit Amendment
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600253967		RN 100542216

2.2 SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership			
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:			
	City	State	ZIP
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code	20. Fax Number (if applicable)
() -			() -

2.3 SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)	
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information	
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	

23. Street Address of the Regulated Entity: (No PO Boxes)							
	City		State		ZIP		ZIP + 4
24. County							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:							
26. Nearest City	State				Nearest ZIP Code		
Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).							
27. Latitude (N) In Decimal:				28. Longitude (W) In Decimal:			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)		
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
34. Mailing Address:							
	City		State		ZIP		ZIP + 4
35. E-Mail Address:							
36. Telephone Number	37. Extension or Code			38. Fax Number (if applicable)			
() -				() -			

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

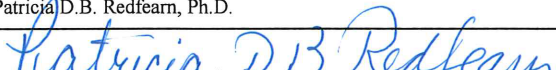
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input checked="" type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
996C	43841			
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input checked="" type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
		O-02375		
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Nevzat Turan, P.E.	41. Title:	Principal
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(817) 735-9770		(817) 735-9775	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	City of Grand Prairie	Job Title:	Director of Solid Waste & Recycling
Name (In Print):	Patricia D.B. Redfearn, Ph.D.	Phone:	(972) 237-8147
Signature:		Date:	11/13/2024



Texas Commission on Environmental Quality

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

Instructions for completing this Part I Application Form are provided in [TCEQ 00650-instr¹](#). Include a [Core Data Form \(TCEQ 10400\)²](#) with the application for the facility owner, and Core Data Forms for the operator and property owner if different from the facility owner. If you have questions, contact the Municipal Solid Waste (MSW) Permits Section by email to mswper@tceq.texas.gov, or by phone at 512-239-2335. Rules cited on this form are in Title 30 Texas Administrative Code (30 TAC) and may be viewed online at www.tceq.texas.gov/goto/view-30tac.

Application Tracking Information

Facility Regulated Entity Name³:

City of Grand Prairie Landfill

Site Operator (Permittee or Registrant Name)⁴:

City of Grand Prairie

MSW Authorization Number: MSW-996C

Initial Submission Date: 11/13/2024

Revision Date: _____

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

³ Facility Regulated Entity Name must match the Regulated Entity Name indicated on the TCEQ Core Data Form.

⁴ Site Operator is defined in 30 TAC 330.3(148) as the holder of, or the applicant for, an authorization (or license) for a municipal solid waste facility.

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, Permit Amendments, Limited Scope Major Amendments, and all Registrations

Payment Method

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

Enter ePay Trace Number _____

- ☐ Check (send to TCEQ Fina

Payor Name: _____ Check Number: _____

5. Electronic Versions of Application

TCEQ will publish electronic versions of the application online. Applicants must provide a clean copy of the administratively complete application and technically complete application. TCEQ will also publish electronic versions of NOD responses online.

6. Party Responsible for Publishing Notice

Indicate who will be responsible for publishing notice:

- ☐ Applicant ☐ Agent in Service ☒ Consultant

Contact Name: Nevzat Turan, P.E.

Title: Principal

Email Address: _____

7. Alternat

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: Grand Prairie Main Library
Physical Address: 901 Conover Drive
City: Grand Prairie County: Dallas State: TX Zip Code: 75051
Phone Number: (972) 237-5700

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
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): Standard Permit, GOP	X		
Other (describe):			

12. General Information About the Facility

Facility Regulated Entity Name:

City of Grand Prairie Landfill

Contact Name: Patricia D.B. Redfearn, Ph.D. Title: Director of Solid Waste & RecyclingMSW Authorization Number (if existing): 996CRegulated Entity Reference Number: **RN** 100542216Physical or Street Address (if available): 1102 MacArthur BoulevardCity: Grand Prairie County: Dallas State: TX Zip Code: 75050Phone Number: (972) 237-8147Latitude (decimal degrees, six decimal places): N 32 46' 16.2915"Longitude (decimal degrees, six decimal places): W 96 56' 51.1927"Elevation (above mean sea level): 431.86 feet (benchmark elevation for landfills)

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

The Site is located northeast of the intersection of MacArthur Blvd and IH-30 in Grand Prairie.

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

From I-30, exit MacArthur Blvd and go north 750 ft. Turn right onto Grand Prairie Landfill Road.

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

☐ Yes ☒ No**13. Facility Types**Facility types are described in 30 TAC [330.5\(a\)](#).

Indicate facility type (select all that apply):

☒ 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.

- | | |
|--|---|
| <input type="checkbox"/> Landfill Unit(s) | <input type="checkbox"/> Container(s) |
| <input type="checkbox"/> Incinerator(s) | <input type="checkbox"/> Roll-off Boxes |
| <input type="checkbox"/> Class 1 Landfill Unit(s) | <input type="checkbox"/> Surface Impoundment |
| <input type="checkbox"/> Process Tank(s) | <input type="checkbox"/> Autoclave(s) |
| <input type="checkbox"/> Storage Tank(s) | <input type="checkbox"/> Refrigeration Unit(s) |
| <input type="checkbox"/> Tipping Floor | <input type="checkbox"/> Mobile Processing Unit(s) |
| <input type="checkbox"/> Storage Area | <input type="checkbox"/> Compost Pile(s) or Vessel(s) |
| <input checked="" type="checkbox"/> Other (specify): RACM acceptance (as needed) within landfill | |

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.

The purpose of this LSMPA is to revise the City of Grand Prairie Landfill's current MSW Permit to include the acceptance of regulated asbestos-containing materials (RACM).

17. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: City of Grand Prairie Landfill
 Customer Reference Number: **CN** 600253967
 Contact Name: Patricia D.B. Redfearn, Ph.D. Title: Director of Solid Waste & Recycling
 Mailing Address: PO Box 534045
 City: Grand Prairie County: Dallas State: TX Zip Code: 75053
 Phone Number: (972) 237-8147
 Email Address: [REDACTED]

Operator (if different)

Name: Same as Operator
 Customer Reference Number: **CN**
 Contact Name: Title:
 Mailing Address:
 City: County: State: Zip Code:
 Phone Number:
 Email Address:

Consultant (if applicable)

Firm Name: Weaver Consultants Group, LLC
 Consultant Name: Nevzat Turan, P.E.
 Texas Board of Professional Engineers Firm Registration Number: F-3727
 Contact Name: Nevzat Turan, P.E. Title: Principal
 Mailing Address: 6420 Southwest Boulevard, Suite 206
 City: Fort Worth County: Tarrant State: TX Zip Code: 76109
 Phone Number: (817) 735-9770
 Email Address: [REDACTED]

Agent in Charge

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. Facility Ownership**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 the other owner, and include a Core Data Form for the other owner. Attach supplemental sheet if more than one other owner.

Other Owner Name: _____

What is Owned: ☐ Facility Units ☐ Property

☐ Other (describe): _____

Mailing Address: _____

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

Phone Number: _____

Email Address: _____

20. Other Government Entities Information**Texas Department of Transportation**

District: DAL

District Engineer's Name: Ceason Clemens, P.E.

Mailing Address: 4777 E. Highway 80

City: Mesquite County: Dallas State: TX Zip Code: 75150

Phone Number: (214) 320-6200

Email Address: _____

Local Governm

Government or Agency Name: Transportation & Mobility Services

Contact Person's Name: Caryl DeVries (Director)

Mailing Address: PO Box 534045

City: Grand Prairie County: Dallas State: TX Zip Code: 75053

Phone Number: (972) 237-8543

Email Address: _____

City Mayor Information

City Mayor's Name: Ron Jensen

Mailing Address: 300 West Main Street

City: Grand Prairie County: Dallas State: TX Zip Code: 75050

Phone Number: (972) 237-8035

Email Address: _____

City Health A

Authority Name: CoGP Public Health and Env. Quality

Contact Person's Name: Cindy Mendez

Contact Person's Title: Public Health and Env. Quality Director

Mailing Address: 300 West Main Street, Floor 2

City: Grand Prairie County: Dallas State: TX Zip Code: 75050

Phone Number: (972) 237-8055

Email Address: _____

County Judge I

County Judge's Name: Clay Jenkins

Mailing Address: 411 Elm Street, 2nd Floor

City: Dallas County: Dallas State: TX Zip Code: 75202

Phone Number: (214) 653-7949

Email Address: _____

County Health

Agency Name: Dallas County Health & Human Services

Contact Person's Name: Philip Huang, MD, MPH

Contact Person's Title: Director

Mailing Address: 2377 N. Stemmons Freeway

City: Dallas County: Dallas State: TX Zip Code: 75207

Phone Number: (214) 819-2000

Email Address: _____

State Repres

House District Number: 104

State Representative's Name: Jessica Gonzalez

District Office Mailing Address: 400 South Zang Blvd, Suite 1214

City: Dallas County: Dallas State: TX Zip Code: 75208

Phone Number: (214) 944-5441

Email Address: _____

State Senator Information

District Number: 16

State Senator's Name: Nathan Johnson

District Office Mailing Address: 12222 Merit Drive, Suite 1010

City: Dallas County: Dallas State: TX Zip Code: 75251

Phone Number: (972) 701-0349

Email Address: _____

Council of Gov

COG Name: NCTCOG

COG Representative's Name: Mike Eastland

COG Representative's Title: Executive Director

Mailing Address: 616 Six Flags Drive, PO Box 5888

City: Arlington County: Tarrant State: TX Zip Code: 76005

Phone Number: (817) 695-9101

Email Address: _____

River Basin A

Authority Name: Trinity River Authority

Contact Person's Name: J. Kevin Ward, General Manager

Watershed Sub-Basin Name: West Fork Trinity River

Mailing Address: 5300 S. Collins

City: Arlington County: Tarrant State: TX Zip Code: 76018

Phone Number: (817) 467-4343

Email Address: _____

Local Drainag

Authority Name: City of Grand Prairie Floodplain Division

Contact Person's Name: Ryan Harrell

Mailing Address: PO Box 534045

City: Grand Prairie County: Dallas State: TX Zip Code: 75053

Phone Number: (972) 237-8251

Email Address: _____

U.S. Army Cor

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

☐ Albuquerque, NM

☐ Galveston, TX

☒ Fort Worth, TX

☐ Tulsa, OK

Local Government Jurisdiction

Within City Limits of: Grand Prairie

Within Extraterritorial Jurisdiction of: N/A

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 as an attachment.

Applicant Signature Page

Site Operator (Permittee or Registrant Name) 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: Patricia D.B. Redfearn, Ph.D. Title: Director of Solid Waste & Recycling

Email Address: [REDACTED]

Signature: *Patricia D.B. Redfearn* Date: 11/13/2024

Authorization by Facility Owner for Operator to Submit Application

To be completed by the facility owner if the application is submitted by an operator who is not the facility owner.

I am the owner of the facility that is the subject of this application, and authorize the operator, _____ to submit this application pursuant to 30 TAC 305.43(c).

Name: _____ Title: _____

Email Address: _____

Signature: _____ Date: _____

Notary

SUBSCRIBED AND SWORN to before me by the said Patricia D.B. Redfearn, Ph.D.

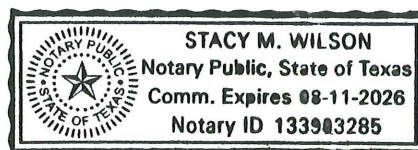
On this 13th day of November, 2024

My commission expires on the 11th day of August, 2026

Stacy M. Wilson
Notary Public in and for

Tarrant (notary's jurisdiction, including county and state)

Note: Application Must Bear Signature & Seal of Notary Public



Property Owner Affidavit

Property Owner Affidavit for Landfill Facility

I acknowledge in accordance with 30 TAC 330.59(d)(2) that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure and post-closure care 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 advising that the land will be used for a solid waste facility prior to the time that the 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 according to 30 TAC 330.19 (relating to Deed Recordation). I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and post-closure care period for the purpose of inspection and maintenance.

Name: Patricia D.B. Redfearn, Ph.D.

Email Address: _____

Signature: Patricia D.B. Redfearn

Date: 11/13/2024

Property Owner Affidavit for Processing Facility

I acknowledge in accordance with 30 TAC 330.59(d)(2) that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure of the facility. I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and post-closure care period for the purpose of inspection and maintenance.

Name: _____

Email Address: _____

Signature: _____ Date: _____

Notary

SUBSCRIBED AND SWORN to before me by the said Patricia D.B. Redfearn, Ph.D.

On this 13th day of November, 2024

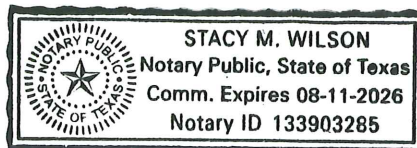
My commission expires on the 11th day of August, 2026

Stacy M. Wilson

Notary Public in and for

Tarrant (notary's jurisdiction, including county and state)

Note: Application Must Bear Signature & Seal of Notary Public



Part I Attachments

Refer to instruction document [TCEQ 00650-instr⁵](#) for professional engineer seal requirements.

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Supplementary Technical Report [30 TAC 305.45(a)(8)]	
Property Legal Description [30 TAC 330.59(d)(1)]	
Property Metes and Bounds Description [30 TAC 330.59(d)(1)]	
Facility Legal Description [30 TAC 330.59(d)(1)]	
Facility Metes and Bounds Description [30 TAC 330.59(d)(1)]	
Metes and Bounds Drawings [30 TAC 330.59(d)(1)]	
On-Site Easements Drawing [30 TAC 330.61(c)(10)]	
Land Ownership Map [30 TAC 330.59(c)(3)]	Appendix B
Landowners List [30 TAC 330.59(c)(3)]	Appendix B, P. I/II-5-2
Mailing Labels (in electronic file, in Avery 5160 format; see instructions) [30 TAC 281.5(7)]	Attached
General Location Maps [30 TAC 330.59(c)(2)]	
Texas Department of Transportation (TxDOT) County Map [30 TAC 330.59(c)(2)]	
General Topographic Maps [30 TAC 330.61(e)]	
Verification of Legal Status / Legal Authority (certificate of incorporation) [30 TAC 281.5 and 330.59(e)]	
Evidence of Competency [30 TAC 330.59(f)]	
Signatory Authority Documentation [30 TAC 305.44 and 330.59(g)]	
TCEQ Core Data Form(s) TCEQ-10400⁶ [30 TAC 281.5(7)]	Appendix B

⁵ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf

⁶ www.tceq.texas.gov/permitting/central_registry/guidance.html

Attachments Table 2. Additional attachments as applicable.

Additional Attachments (select all that apply and add others as needed)	Attachment Number
<input checked="" type="checkbox"/> Plain Language Summary Form TCEQ-20947 ⁷ [30 TAC 39.405(k)]	Appendix B
<input checked="" type="checkbox"/> Public Involvement Plan Form TCEQ-20960 ⁸	Appendix B
<input checked="" type="checkbox"/> Fee Payment Receipt	Appendix B
<input type="checkbox"/> Confidential Documents	
<input type="checkbox"/> Waste Storage, Processing and Disposal Ordinances [Texas Health and Safety Code, Section 363.112 ⁹]	
<input type="checkbox"/> Final Plat Record of Property Description [30 TAC 330.59(d)(1)(B)]	
Other (describe):	
Other (describe):	
Other (describe):	

⁷ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/20947-instr.pdf

⁸ www.tceq.texas.gov/downloads/agency/decisions/hearings/environmental-equity/pip-form-tceq-20960.pdf
www.tceq.texas.gov/downloads/agency/decisions/hearings/environmental-equity/instructions-for-pip-form-tceq-20960.pdf

⁹ statutes.capitol.texas.gov/Docs/HS/htm/HS.363.htm#363.112



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

Municipal Solid Waste Landfill

B. Information About the Applicant

Name: City of Grand Prairie

Applicant Type: City

Facility Name: City of Grand Prairie Landfill

Permit Application Number: 996C

Customer Number (CN): CN600253967

Regulated Entity Reference Number (RN): RN100542216

C. Location of the Proposed Facility

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

1102 MacArthur Boulevard
Grand Prairie, TX 75050

Link to Map of Facility Location ([TCEQ Location Mapper](#)²): <https://arcg.is/0iaOff>

D. Information about Facility Operation

What types of waste would be received?

MSW from residential and commercial sources; household waste, yard waste, commercial waste, regulated asbestos-containing material (RACM), nonhazardous industrial waste (Class 2 & 3), construction-demolition waste, and some special wastes

What geographical area would the wastes come from?

City of Grand Prairie

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?

Existing waste acceptance operations are from 5:30 am to 7:00 pm, Monday through Saturday. Existing operating hours are from 3:30 am to 9:00 pm, 7 days/week.

At what rate would wastes be accepted?

Maximum daily waste acceptance rate is 1,040 tons/day as documented in Parts I/II, Section 2.1.1 (324,669 tons/year with 312 operating days).

How would wastes be managed?

MSW accepted are disposed of at the working face. Waste received at the Citizens Convenience Center is disposed of at the working face. This area is also utilized to store large item/white goods and other recyclables.

E. Pollution Control Methods

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

The active waste disposal working face is segregated from the rest of the fill area with a perimeter soil berm to control stormwater run on and runoff. The working face size is kept to a minimum as described in Part IV, Section 4.2.4 to minimize working face odors and litter. The landfill gas collection and control system prevents emissions of odorous gases. The leachate collection system is installed to collect and dispose of leachate generated by the site for treatment at a POTW. The facility monitors groundwater, surface water, and landfill gas migration on a routine basis.

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

In addition to the preventive efforts at the working face, the facility uses stationary and portable fences for litter control. The facility also collects litter on a daily basis on public roads serving the landfill within 2 miles of the site entrance. The facility also follows the requirements of their Stormwater Pollution Prevention Plan and Spill Prevention, Control, and Countermeasures Plan to control any spills.



Comisión de Calidad Ambiental de Texas

Resumen en lenguaje sencillo de la solicitud de permiso municipal de residuos sólidos o de modificación del permiso

Los solicitantes están obligados por las normas de notificación pública del Título 30 del Código Administrativo de Texas, Capítulo 39, Sección [39.405\(k\)](#)¹ a proporcionar este resumen de una solicitud.

A. Objetivo de la instalación propuesta

Vertedero de residuos sólidos municipales

B. Información sobre el solicitante

Nombre: Ciudad de Grand Prairie

Tipo de solicitante: Ciudad

Nombre de la instalación: Vertedero sanitario de la ciudad de Grand Prairie

Número de solicitud de permiso: 996C

Número de cliente (CN): CN600253967

Número de referencia de la entidad regulada (RN): RN100542216

C. Ubicación de la instalación propuesta

Dirección del establecimiento (o descripción de la ubicación del sitio si no hay dirección):

1102 MacArthur Boulevard
Grand Prairie, TX 75050

Enlace al mapa de ubicación de las instalaciones en [TCEQ Location Mapper](#)²:

<https://arcg.is/0iaOff>

D. Información sobre el funcionamiento de las instalaciones

¿Qué tipos de residuos se recibirían?

Residuos sólidos urbanos (RSU) de origen residencial y comercial; residuos domésticos, residuos de jardín, residuos comerciales, materiales regulados que contienen amianto (RACM), residuos industriales no peligrosos (clase 2 y 3), residuos de construcción y demolición y algunos residuos especiales.

¿De qué zona geográfica procederían los residuos?

Ciudad de Grand Prairie

¹ www.tceq.texas.gov/goto/view-30tac

² www.tceq.texas.gov/gis/hb-610-viewer

¿Qué días y horas funcionará la instalación?

El horario actual de aceptación de residuos es de 5:30am a 7 pm, de lunes a sábado. El horario actual de funcionamiento es de 3:30am a 9pm, los 7 días de la semana.

¿A qué ritmo se aceptarían los residuos?

La tasa máxima diaria de aceptación de residuos es de 1,040 toneladas/día, según es documentado en Partes I/II, Sección 2.1.1 (324,669 toneladas/año con 312 días de funcionamiento).

¿Cómo se gestionarían los residuos?

Los residuos sólidos urbanos aceptados serán descartados en la cara activa del vertedero. Los residuos recibidos en el Citizens Convenience Center serán descartados en la cara activa del vertedero. Esta área también se utiliza para almacenar artículos grandes/electrodomésticos y otros materiales reciclables.

E. Métodos de control de la contaminación

¿Qué métodos utilizará la instalación para contener los residuos y los olores, y para controlar las emisiones?

La cara activa de disposición de residuos está segregada del resto del área de relleno con una berma de tierra perimetral para controlar la entrada y salida de aguas pluviales. La cara activa de trabajo se mantiene al mínimo, como se describe en la Parte IV, Sección 4.2.4, para minimizar los olores y la basura. El sistema de recolección y control de gases del vertedero evita las emisiones de gases olorosos. El sistema de recolección de lixiviados está instalado para recolectar y eliminar los lixiviados generados por el sitio para su tratamiento en una POTW. La instalación monitorea las aguas subterráneas, las aguas superficiales y la migración de gases del vertedero de manera rutinaria.

¿Qué métodos utilizaría o exigiría la instalación para evitar la basura o los derrames, y para la limpieza de la basura y los derrames?

Además de las medidas preventivas en la cara activa, la instalación utiliza cercas fijas y portátiles para controlar la basura. La instalación también recoge la basura a diario en las vías públicas que dan servicio al vertedero en un radio de 2 millas de la entrada del sitio. La instalación también sigue los requisitos de su Plan de prevención de la contaminación por aguas pluviales y el Plan de prevención, control y contramedidas de derrames para controlar cualquier derrame.



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

- ☐ New Permit or Registration Application
☒ New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

- ☒ Requires public notice,
☐ Considered to have significant public interest, and
☒ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.
Stop after Section 2 and submit the form.**

- ☐ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V
Waste ☒ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)
☐ Texas Land Application Permit (TLAP)
☐ State Only Concentrated Animal Feeding Operation (CAFO)
☐ Water Treatment Plant Residuals Disposal Permit
☐ Class B Biosolids Land Application Permit
☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water
☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water
☐ Add a New or Existing Reservoir
☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

In addition to the currently authorized activities, this application will authorize the landfill to accept waste classified as Regulated Asbestos Containing Materials.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

Grand Prairie

(City)

Dallas County

(County)

Grand Prairie city, Texas

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

☒

City

☐

County

☐

Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

According to the U.S. Census Bureau, the percentage of people over 25 years of age who at least graduated from high school in Grand Prairie, Texas was 81.3% from 2018 to 2022.

(b) Per capita income for population near the specified location

According to the U.S. Census Bureau, The per capita income for the population in Grand Prairie, Texas was \$32,444 from 2018 to 2022.

(c) Percent of minority population and percent of population by race within the specified location

According to the U.S. Census Bureau, White: 20.3%, Hispanic or Latino: 47.5%, Black or African American: 23.3%, American Indian and Alaska Native: 0.5%, Asian: 6.9%, Native Hawaiian and other Pacific Islander: 0.0%. Two or more races: 14.1%

(d) Percent of Linguistically Isolated Households by language within the specified location

According to the U.S. Census Bureau, 44.6% of persons age 5 years+ speak a language other than English at home. Percentage of each household's language was not identified for the City of Grand Prairie.

(e) Languages commonly spoken in area by percentage

The US Census Bureau does not list languages spoken for the City of Grand Prairie. WorldPopulationReview.com indicates 55.37% speak only English, and 44.63% speak other languages. of which 36.02% is Spanish speaking.

(f) Community and/or Stakeholder Groups

City of Grand Prairie

(g) Historic public interest or involvement

None.

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☒ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☒ No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

☐ Yes ☐ No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☐ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?

☐ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):

- ☐ TCEQ Regional Office ☐ TCEQ Central Office
- ☐ Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

**PARTS I/II
GENERAL APPLICATION REQUIREMENTS**

Prepared for

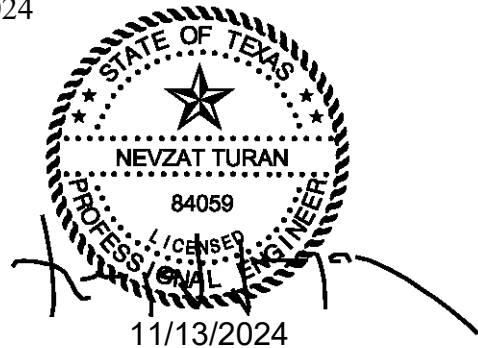
City of Grand Prairie

Permit Issued October 31, 2006

Revised August 2009

Revised August 2014

Revised November 2024



Prepared by

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Boulevard, Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0628-001-11-77

2.1.2 Properties and Characteristics of Waste

The major classifications of solid waste to be accepted at the City of Grand Prairie Landfill include household waste, yard waste, commercial waste, regulated asbestos-containing material (RACM), industrial waste (nonhazardous), construction-demolition waste, and some special wastes. Each classification of waste is defined by §330.2 as follows:

- **Household Waste:** Any solid waste (including garbage, trash, and sanitary waste in septic tanks) derived from households (including single and multiple residences, hotels, motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas); does not include yard waste or brush that is completely free of any household wastes.
- **Yard Waste:** Leaves, grass clippings, yard and garden debris, and brush, including clean woody vegetative material not greater than 6 inches in diameter, that results from landscaping maintenance and land-clearing operations. The term does not include stumps, roots, or shrubs with intact root balls.
- **Commercial Solid Waste:** All types of solid waste generated by stores, offices, restaurants, warehouses, and other nonmanufacturing activities, excluding residential and industrial wastes.
- **RACM** – Friable asbestos-containing material (ACM), Category I nonfriable ACM that has become friable, Category I nonfriable ACM that has or will be subjected to sanding, grinding, cutting, or abrading, or Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.
- **Industrial Waste (Nonhazardous):** Solid waste resulting from or incidental to any process of industry or manufacturing, or mining or agricultural operations, classified as follows:
 - Class II Industrial Solid Waste - any individual solid waste or combination of industrial solid wastes that cannot be described as Class I or Class III, as defined in §335.506 (relating to Class II waste determination).
 - Class III Industrial Solid Waste - any inert and essentially insoluble industrial solid waste, including materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc. that are not readily decomposable as defined in §335.507 (relating to Class III waste determination).
- **Construction-Demolition Waste:** Waste resulting from construction or demolition projects; includes all materials that are directly or indirectly the by-products of construction work or that result from demolition of buildings and other structures, including but not limited to, paper, cartons, gypsum board, wood, wood shavings, rubber, and plastics.

- **Special Wastes:** Any solid waste or combination of solid wastes that because of its quantity, concentration, physical or chemical characteristics, or biological properties requires special handling and disposal to protect human health or the environment. If improperly handled, transported, stored, processed, or disposed of, or otherwise managed, it may pose a present or potential danger to human health or the environment.

Consistent with §330.5 the facility will not accept Class I industrial waste (non-hazardous), regulated hazardous waste, PCBs, infectious medical wastes, or other wastes prohibited by TCEQ regulations.

2.1.3 Solid Waste Containment System

The design objective of the containment system (final cover, liner, and leachate management systems) is to isolate the solid waste and remove leachate (defined as water that has contacted solid waste) that may collect on the liner system. The liner system proposed for the City of Grand Prairie Landfill (floor grades) is shown in Figure 2.1. The liner system design also includes an underdrain system for liner construction below highest measured groundwater elevations. Excavation side slopes will include a 3-foot thick compacted clay liner overlain a 2-foot thick protective cover layer. Design information and the required QA/QC construction procedures for the individual components of the containment system are presented in Part III of this application. In addition to the above, an existing slurry wall is located around the Subtitle D portion of the site as discussed in Section 3.

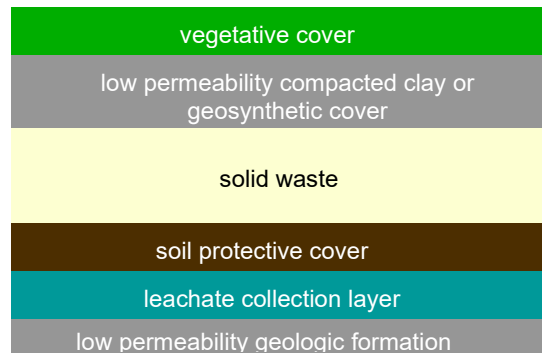


Figure 2.1 The liner and cover systems are designed to meet or exceed all state and federal regulations.

2.1.4 Site Development Plan

The site development plan (SDP) is included in Part III in this application. This plan sets forth the overall design and operating characteristics of the landfill. Drawings showing the proposed landfill configuration during site development are presented in Part III, Attachment 1 - Site Layout Plans. A summary of the landfill configuration is provided below.

- With this expansion, the existing limits of waste and the excavation plan will be the same as the currently permitted design. The currently permitted limits of waste and excavation plan are shown on Figure I/II-3.2. This excavation plan was approved by TCEQ in February 2003. This expansion only involves an increase in the permitted fill height, and does not revise the currently permitted excavation plan and limits of waste for this facility. The permit boundary of the municipal solid waste landfill encompasses 178.05 acres (see Section 13 for detailed legal description). The area available for solid waste fill is about 143.6-acres.

5 LANDOWNER LIST AND MAP

The following landowner list and Figure I/II-5.1 provide the names, mailing addresses, and locations of the “Adjacent and Potentially Affected Landowners” around the facility. The list is based on information obtained from the Dallas Central Appraisal District and the City of Grand Prairie Geographic Information Systems (GIS) Department (November 2024) and includes all tracts within ¼ mile of the site. Refer to Figure I/II-5.1, Land Ownership Map, for location of the properties. The numbers on the landowner list correspond to the numbers listed on Figure I/II-5.1.

LANDOWNER'S LIST

1. CITY OF GRAND PRAIRIE
300 W MAIN ST
GRAND PRAIRIE TX 75050-5621
2. TRINITY RIVER AUTHORITY OF
TEXAS
PO BOX 60
ARLINGTON TX 76004-0060
3. HERMAN H PLATTNER ETAL
25 HIGHLAND PARK VILLAGE
SUITE 100-711
DALLAS TX 75205-2789
4. T&T ALVARADO PROPERTIES LLC
3009 N LAUREL AVE
RIALTO CA 92377-3725
5. AL NAYEM INTERNATIONAL
PO BOX 171887
DALLAS TX 75217-1165
6. FORTERRA PRESSURE PIPE INC
C/O DUCHARME MCMILLEN &
ASSOCIATES
PO BOX 80615
INDIANAPOLIS IN 46280-0615
7. PIPE PORTFOLIO OWNER MULTI LP
C/O WP CAREY INC
11450 TECHNOLOGY CIRCLE
JOHNS CREEK GA 30097-1504

TPG PRESSURE INC
DBA THOMPSON PIPE GROUP
3009 N LAUREL AVE
RIALTO CA 92377-3725

**NOTICE OF APPOINTMENT
Agent for the Applicant**

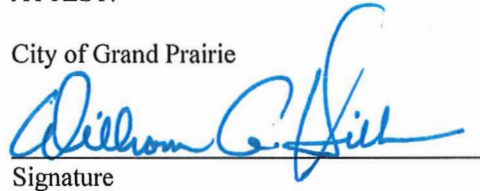
Ms. Kelly Keel
Executive Director
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Dear Ms. Keel:

This is to advise you that officials of the City of Grand Prairie have duly appointed Patricia D.B. Redfearn, PhD, Director of Solid Waste and Recycling as Agent for the City of Grand Prairie Landfill in matters concerning this Limited Scope Major Permit Amendment Application.

ATTEST:

City of Grand Prairie



Signature

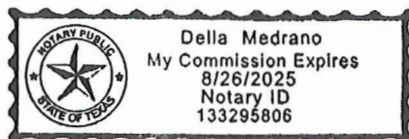
William A. Hills, City Manager

Name, Title

11/13/2024

Date

SWORN TO AND SUBSCRIBED BEFORE ME by William A. Hills on the 13 day of November, 2024, which witness my hand and seal of office.



Notary Public in and for the State of Texas

Della Medrano

Printed Name

My Commission Expires 8/26/2025

**NOTICE OF APPOINTMENT
Engineer's Appointment**

Ms. Kelly Keel
Executive Director
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Dear Ms. Keel:

This is to advise you that the City of Grand Prairie has duly appointed Weaver Consultants Group, LLC- (WCG) as consulting and design engineers for the purpose of submitting engineering reports and planning material for the Limited Scope Major Permit Amendment (LSMPA) Application for the City of Grand Prairie Landfill. WCG is an engineering firm employing professional engineers and geologists in good standing in accordance with State statutes, and the firm has extensive experience in the design and construction of similar facilities. Mr. Nevzat Turan, P.E., Principal with WCG is engineer of record for this LSMPA Application.

You are hereby authorized to review and comment on such reports, planning material, and data on this proposed project as WCG may submit to you.

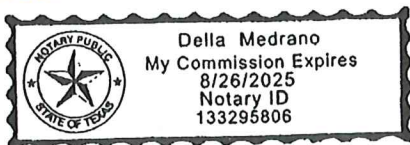
ATTEST:
City of Grand Prairie

Patricia D.B Redfearn
Signature

Patricia D.B Redfearn, PhD
Director of Solid Waste and Recycling
Name, Title

11/13/2024
Date

SWORN TO AND SUBSCRIBED BEFORE ME by Patricia D.B Redfearn, PhD on the 13 day of November, 2024, which witness my hand and seal of office.



Della Medrano
Notary Public in and for the State of Texas

Della Medrano
Printed Name

My Commission Expires 8/26/2025

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

**PART III - SITE DEVELOPMENT PLAN
SITE DEVELOPMENT PLAN NARRATIVE**

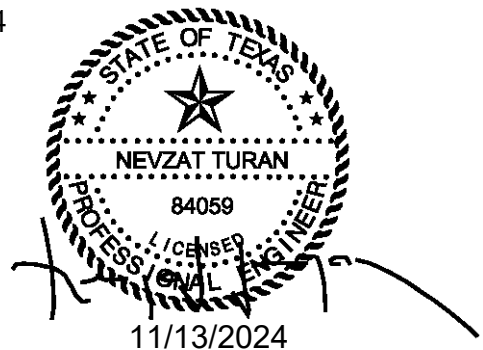
Prepared for

City of Grand Prairie

Permit Issued October 31, 2006

Revision 24

Revised November 2024



Prepared by

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Boulevard, Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0628-001-11-77

The major classifications of solid waste to be accepted by this facility for disposal include both residential MSW and commercial MSW. Such waste consists of household wastes, construction-demolition waste, and various nonhazardous industrial and special wastes as authorized by the TCEQ. Regulated asbestos-containing material (RACM) as defined in 40 CFR §61.141 will be accepted as detailed in Part IV – Site Operating Plan, Section 4.20.5 – Regulated Asbestos – Containing Material. Consistent with §330.5, the site will not accept regulated hazardous wastes, Class 1 nonhazardous industrial waste, PCBs, infectious medical wastes, or other wastes prohibited by TCEQ regulations. Waste classifications are provided in Parts I/II, Section 2.1.2 – Properties and Characteristics of Waste.

**CITY OF GRAND PRAIRIE LANDFILL
DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-996C**

PART IV – SITE OPERATING PLAN

Prepared for

City of Grand Prairie

Permit Issued October 31, 2006

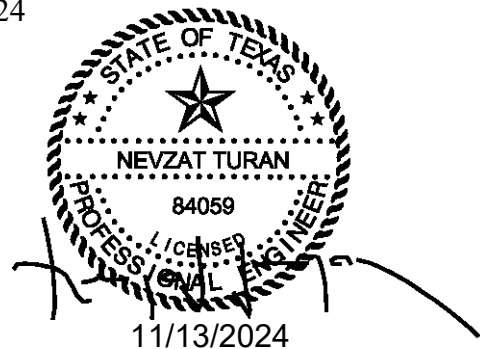
Revised March 2010

Revised November 2015

Revised February 2018

Revised June 2019

Revised November 2024



Prepared by

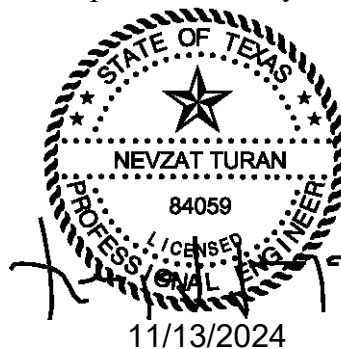
11/13/2024

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

WCG Project No. 0628-001-11-77

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4.2 Unloading Wastes

4.2.1 Unloading Areas

The City of Grand Prairie Landfill accepts general municipal solid wastes as well as brush, rubbish, construction/demolition waste, and certain special wastes outlined in Section 4.20 of this SOP. Wastes are disposed of or processed at the following two unloading areas at the City of Grand Prairie Landfill.

- **MSW Unloading Area or Working Face.** The vast majority of all wastes accepted at this facility are disposed of at the working face. The working face includes areas where waste has been deposited for disposal but has not been covered with soil.
- **Citizens Convenience Center.** This unloading area is used to store large item/white goods and other recyclables. Also, this area may be used to store wood waste, wood chips, concrete rubble, and roll-offs for the Citizens Convenience Center.

4.2.2 Waste Excluded from Disposal at the Site

The following wastes are specifically excluded from disposal at the site:

- Regulated hazardous wastes (refer to Section 6 for more information)
- Liquid wastes that do not pass the paint filter test
- Articles, equipment and clothing containing or contaminated with PCBs (refer to Section 6 for more information)
- Grease trap wastes
- Class I Industrial Wastes (non-hazardous)
- Waste prohibited by the TCEQ (see 30 TAC §330.15(e))

4.2.3 Waste Unloading Procedures

Office Assistants, Equipment Operators, Spotters, and Laborers will monitor the incoming waste for each of the unloading areas. Office Assistants control site access and monitor incoming vehicles for unauthorized wastes by (1) receiving manifests and other

disposed of by any other means by which the material could be crumbled into a friable state.

4.20.5 Regulated Asbestos-Containing Materials

Regulated Asbestos-Containing Materials (RACM) may be accepted at the facility in accordance with Title 30 TAC §330.171(c)(3). This section outlines processes and procedures for acceptance and disposal of RACM.

Prior to acceptance of RACM, the site will request and review a waste profile from the RACM generator. Once the Landfill Manager, or his designee, approves the waste profile for acceptance, the waste profile will be placed in the Site Operating Record. Each RACM shipment will be accompanied by a waste manifest. Upon receipt, the Landfill Manager, or his designee, will sign the manifest for pre-authorized RACM shipments for disposal and complete the destination section of each manifest. The manifests will be prepared in triplicate. The disposal facility copy will be filed in the Site Operating Record. One copy will be returned to the RACM delivery vehicle driver, and one copy will be returned to the waste generator within 30 days after receipt of the RACM. Acceptable manifests will include at least the following information:

1. Identity and telephone number of the generator;
2. Required information connecting the manifest to the pre-approved waste profile;
3. Description and quantity of waste delivered from the generator;
4. TCEQ registration number and TCEQ waste code (if applicable);
5. Landfill's name.

Disposal of RACM may occur at any location within the constructed Subtitle D landfill footprint as further described below. The site will document the volume of RACM and the disposal depth and location. A registered professional land surveyor (RPLS) will survey and mark each RACM disposal location and will identify this location on a current site drawing, which will be maintained at the site. This information will be submitted as a RACM placement notification to TCEQ, as explained in the RACM placement below.

The site will use the following criteria for RACM placement:

- The Landfill Manager, or his designee, will coordinate the delivery of RACM so that the waste arrives at a time that site personnel can properly manage it.
- RACM will be accepted at the site only if it is contained in tightly closed containers or bags or wrapped as necessary with 6-mil-thick polyethylene.
- During unloading and placement of RACM in the designated area(s), utmost care will be taken to prevent the bags or containers from breaking open.
- RACM will be placed in the constructed Subtitle D landfill sectors, such that it will not be subject to future exposure through erosion or weathering.
- RACM will be placed below natural grade where practical or possible.

- If placed above natural grade, the RACM will be placed at least 20 feet away from any exterior final side slopes and at least 10 feet below the final surface grade.
- RACM will not be placed within 20 feet of the edge of the adjacent pre-Subtitle D area.
- Immediately after RACM is placed in the landfill, one foot of soil cover or 3 feet of asbestos-free municipal solid waste will be promptly placed over the RACM.
- Information and documents pertaining to RACM profiled for disposal and delivered to the landfill for disposal including, but not limited to, records concerning measurements and analyses performed at the site, will be retained in the Site Operating Record.
- Following disposal of RACM, the site will submit a written notification of RACM placement to the executive director no later than the 25th day of the month following the month the RACM was received. Since the site is not expected to receive RACM on a regular basis, approval of this SOP exempts the facility from being required to submit monthly Class 1 waste acceptance reports required by 30 TAC §330.173(h).

A waste discrepancy report will be completed when:

1. RACM arrives without a properly completed waste manifest;
2. RACM arrives and the waste material does not match the description on the waste manifest;
3. RACM arrives and the information on the manifest is determined to be incorrect; or
4. RACM arrives which does not match the information given in the waste profile submitted by the generator.

The facility will not accept or sign for shipments of Class 1 waste that is not RACM.

The Landfill Manager, or his designee, will attempt to resolve any waste discrepancies. If the discrepancy can be resolved, the waste may be accepted, and the discrepancy report will be filed with the shipping documents to document the resolution of the discrepancy. If the discrepancy cannot be resolved, the waste shipment will be rejected, and a discrepancy report will be prepared and filed for the rejected waste shipment.

If delivered RACM is determined to be unauthorized waste, the site will follow the procedures within Section 6 – Detection and Prevention of Disposal of Prohibited Wastes.

In the event that RACM-containing bags or containers rupture at the working face, they will be immediately contained by spraying the area with water to prevent the spread of RACM. Also, earthen dikes, berms or other appropriate measures will be constructed to contain the spill. The Landfill Manager, or his designee, will be promptly notified of the

spill and will coordinate the collection and disposal of the spilled RACM. The spilled RACM will be picked up mechanically or by employees wearing proper protective equipment and re-packaged for disposal. The spill response team will include the Landfill Manager and his designees, who have been trained to respond to RACM spills.

Specific procedures for the cleanup of the spill are outlined below.

- Personnel will take positions upwind of the RACM spill area during the cleanup procedures.
- Employees involved in cleanup will make use of the site's spill control kits, which may include: respirators, disposable coveralls, shoe covers, gloves, and safety glasses or goggles.
- Other site personnel will be directed away from the area until cleanup is complete.
- If the spill of RACM involves a reportable quantity (one pound or more), the National Response Center (NRC) must be notified by the Landfill Manager, or his designee.
- Emergency cleanup actions will include the following.
 - Utilize a water truck to wet down waste with water.
 - Excavate the waste material, place it into a properly labeled bag or a closed container, and dispose of it with the other RACM.
 - Wash any contaminated equipment or machinery.
 - Dispose of gloves, coveralls, and shoe covers in a tightly sealed 6 mil plastic bag.
 - Wash all other personal protective equipment with soap and water.
 - Check the respirator, refit it with new filter cartridges, and store it in a resealable, airtight container for future use.
- Any water pooling from wetting down the spilled material will be removed with a vacuum truck. The removed water will be transported to a properly permitted privately owned off-site wastewater treatment facility (POTW).
- Soil that has contacted the water used to wet down the RACM will be excavated and disposed of at the working face. The excavation of this material will occur immediately after the RACM has been removed.

Upon closure of the facility, a notation indicating that the site accepted RACM will be placed in the deed property records of Dallas County. This notation will indicate where the RACM was disposed of on the property by showing its location on a site diagram. A copy of this documentation will be provided to TCEQ.

4.20.6 Industrial Waste

Class 2 and Class 3 industrial solid wastes will be accepted at the facility. Industrial waste (nonhazardous) is defined by §330.3 as solid waste resulting from or incidental to any process of industry or manufacturing, or mining or agricultural operations, classified as follows:

- Class 2 Industrial Solid Waste - any individual solid waste or combination of industrial solid wastes that cannot be described as Class 1 or Class 3, as defined in §335.506 (relating to Class 2 waste determination). Examples of Class 2 Industrial Waste include “plant trash” or waste originating in the facility offices or plant production areas that are composed of paper and/or wooden packaging materials, glass, aluminum foil, aluminum cans, aluminum scrap, stainless steel, steel, iron scrap, plastics, styrofoam, rope, twine, uncontaminated rubber, uncontaminated wooden materials, equipment belts, wiring, uncontaminated cloth, metal buildings, empty containers with a holding capacity of five gallons or less, uncontaminated floor sweepings, or food packaging, that are produced as a result of plant production.
- Class 3 Industrial Solid Waste - any inert and essentially insoluble industrial solid waste, including materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc. that are not readily decomposable as defined in §335.507 (relating to Class 3 waste determination).

4.21 Prevention of Discharge of Contaminated Water

The Operations/Maintenance Supervisor shall implement necessary steps to control and prevent the discharge of contaminated water from the facility. No discharge of contaminated water shall occur without obtaining specific written authorization from the TCEQ prior to the discharge. All water coming in contact with waste or contaminated soils will be treated as contaminated water. Runon and runoff for the 25-year, 24-hour storm event will be controlled following the procedures set forth in Part III, Attachment 6– Groundwater and Surface Water Protection Plan and Attachment 15 - Leachate and Contaminated Water Plan. The landfill will be operated consistent with §330.15(h)(1)-(4) regarding discharge of solid wastes or pollutants into waters of the United States.

4.22 Leachate and Contaminated Water Plan

Leachate and contaminated water will be controlled at the City of Grand Prairie Landfill as specified in Part III, Attachment 15 - Leachate and Contaminated Water Plan.