

Texas Commission on Environmental Quality
Title 30 Texas Administrative Code (30 TAC) §330, Subchapter U
Standard Permit Checklist
Municipal Solid Waste Landfills (MSWLF) and Transfer Stations

General Information		
Site Name:		
CN:		
RN:		
<p>The following checklist was developed by the Texas Commission on Environmental Quality (TCEQ), Air Permits Division, to assist applicants in determining whether or not a facility meets all of the applicable requirements.</p> <p>Please note that sites currently authorized under 30 TAC § 116.621 that continue to qualify for that standard, and have not been “modified” as defined in 40 Code of Federal Regulations Part 60, Subpart WWW or Subpart XXX, whichever is applicable, (40 CFR Part 60, Subpart WWW or Subpart XXX) may remain authorized under the standard permit until the site registration is to be renewed. At that time, the owner/operator is required to comply with either this subchapter (30 TAC §§ 330.981-330.995) or obtain a permit under 30 TAC § 116.111 (relating to General Application).</p> <p>Submit this checklist and all attachments along with a copy of the site’s “Certification” to the Waste Permits Division (2 copies), regional office (1 copy) and appropriate air pollution control program having jurisdiction over the site (1 copy).</p>		
30 TAC §330.983 Definitions	Response	
Check the most appropriate answer.		
Please specify the Category of the MSWLF: Category 1 MSWLFs - landfills with a design capacity less than 2.5 million megagrams (MMg) by mass or 2.5 million cubic meters (M ³) by volume that operate in accordance with 40 CFR Part 60, Subpart WWW; 40 CFR Part 60, Subpart XXX; or 30 TAC 113, Subchapter D, or	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Category 2 MSWLFs - landfills with a design capacity greater than or equal to 2.5 MMg and 2.5 million cubic meters and a calculated uncontrolled non-methane organic compound (NMOC) emission rate less than 50 Mg per year, and operates in accordance with 40 CFR Part 60, Subpart WWW; 40 CFR Part 60, Subpart XXX; or 30 TAC 113, Subchapter D, or	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Category 3 MSWLFs - landfills with a design capacity greater than or equal to 2.5MMg and 2.5 million cubic meters and a calculated uncontrolled NMOC emission rate greater than or equal to 50 Mg per year that operate in accordance with 40 CFR Part 60, Subpart WWW; 40 CFR Part 60, Subpart XXX; 40 CFR Part 63, Subpart AAAA; or 30 TAC 113, Subchapter D as applicable?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Regulation	40 CFR §330.985 Applicability and Exceptions	Response
(b)	If “YES,” to any of the above questions continue.	
(b)	If “NO,” This Standard Permit cannot authorize the site.	
(c)	Is the site covered under one or more of the following types of MSWLFs defined in 30 TAC § 330.5?	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Regulation	30 TAC §330.985 Certification Requirements	Response
Check all that apply.		
<input type="checkbox"/> Type I		
<input type="checkbox"/> Type I AE		
<input type="checkbox"/> Type IV		
<input type="checkbox"/> Type IV - AE		
<input type="checkbox"/> Type V Transfer Station		
If "YES," continue.		
If "NO," This Standard Permit cannot authorize the facility.		
Regulation	30 TAC §330.985 Certification Requirements	Response
(a)	Is the site a Type IV or Type IV-AE landfill?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Note: Type IV or Type IV-AE landfills are exempt from the certification requirements of 30 TAC § 330.987.</i>		
If "YES," go to 30 TAC § 330.989 General Requirements.		
If "NO," continue.		
(c)	Is the certification for the air emissions from the site based on the maximum capacity of the landfill for a certification period of 10 years or longer and based on EPA landfill LandGEM modeling, AP-42 methods, or other modeling approved by the USEPA with maximum capacity and modeling results based on the last year of the certification period?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Note: LandGEM can be used to calculate transfer station emissions</i>		
If NO, attach a written explanation.		
Certification longer than 10 years?		<input type="checkbox"/> YES <input type="checkbox"/> NO
If "YES," number of years: _____		
(c)	Does the MSWLF site trigger a gas collection control system (GCCS) during its Certification period?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If "YES" What is the estimated date the GCCS will be required? _____		
<i>Note: The gas collection and control system design plan (GCCSDP) must be approved prior to construction according to NSPS WWW or NSPS XXX requirements, whichever is applicable.</i>		

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Regulation	30 TAC § 330.987 Certification Requirements	Response
(d)	Is the following supporting documentation included in MSWLF or MSWLF and transfer stations certification?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(1)	the basis and quantification of emission estimates (See AP-42 to determine methods for estimating emissions, or other methods approved by the USEPA);	<input type="checkbox"/> YES <input type="checkbox"/> NO
(2)	sufficient information to demonstrate that the project and or site will comply with all applicable conditions of this subchapter; and	<input type="checkbox"/> YES <input type="checkbox"/> NO
(3)	a description of any equipment and related processes.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p><i>Note: Attach associated documents with this checklist. If this is a renewal certification and there have been no changes to the site, any facilities, or calculation of the emissions has not changed from the original submittals, it is not necessary to submit associated documentation</i></p>		
If "YES," to all of the above continue.		
If "NO," to any of the above attach written explanation.		
(e)(1)	<p>Note: If the existing municipal solid waste landfill site is modified, (which has a valid permit under 30 TAC § 116.621) and, as a result, the site no longer meets the existing standard permit under 30 TAC § 116.621 (relating to Municipal Solid Waste Landfills), the owner or operator shall certify the site under 30 TAC Chapter 330 at the time your site is modified.</p>	
(e)(2)	Is the site a new MSWLF?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If "YES," A certification for the initial construction is required to be submitted at least 120 days prior to building or installation of any structure that may emit air contaminants.		
If "NO," continue.		
<p><i>Note: New facilities or changes to existing facilities at the site that do not cause the site to become ineligible for this standard permit can be authorized by:</i></p>		
Independently claiming a Permit by Rule (PBR) under 30 TAC Chapter 106 or a Standard Permit under 30 TAC Chapter 116, subchapter F, (including all registrations, fees, and documentation), or		
Including the claim of the PBR or Standard Permit with the initial issuance or a modification of the certification, are both exempt from the registration and fee requirements normally required by permits by rule and standard permits; and all claims by PBR or Standard permits shall be administratively incorporated at the next MSW standard permit certification renewal or modification for the site. The original PBR or Standard Exemption requirements will not change when it is administratively incorporated.		
For an initial issuance or a certification of a modification that include a PBR or Standard Permit registration, answer the following:		
Is the site located in a designated non-attainment area, and the updates are less than five tons per year of any criteria air contaminant?		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA

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Regulation	30 TAC § 330.987 Certification Requirements	Response
	Is the site located in an attainment area, and the updates are less than 25 tons per year of any criteria air contaminant?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
If "NO," to any of the above, you have 30 days to update the certification.		
If "NA," to all of the above, continue.		
New facilities or changes to existing facilities at the MSW site which do not cause a site to become ineligible for this standard permit, that sites certification shall be submitted if any of the following conditions (A), (B), or (C) below apply:		
(A)	update the site certification within one year of constructing new facilities or modifications if the cumulative amount of emissions resulting from the new facilities or modifications is:	
	(i) less than five (5) tons per year of any criteria air contaminant for sites located in a designated nonattainment area; or	<input type="checkbox"/> APPLICABLE <input type="checkbox"/> NA
	(ii) less than 25 tons per year of any criteria air contaminant for sites located in an attainment area;	<input type="checkbox"/> APPLICABLE <input type="checkbox"/> NA
(B)	update the site certification within 30 days of constructing new facilities or modifications if the site is not considered an existing major source in accordance with prevention of significant deterioration review or nonattainment new source review , and the cumulative amount of emissions for these changes is:	
	(i) greater than or equal to five (5) tons per year of any criteria air contaminant for sites located in a designated nonattainment area; or	<input type="checkbox"/> APPLICABLE <input type="checkbox"/> NA
	(ii) greater than or equal to 25 tons per year of any criteria air contaminant for sites located in attainment areas; or	<input type="checkbox"/> APPLICABLE <input type="checkbox"/> NA
(C)	update the site certification at least 30 days prior to the change, including any applicable major source netting demonstration as specified in 30 TAC § 116.150 (relating to New Major Source or Major Modification in Ozone Nonattainment Areas), if the site is considered an existing major site in accordance with prevention of significant deterioration review or nonattainment new source review, and the cumulative amount of emissions for changes is:	
	(i) greater than or equal to five (5) tons per year of any criteria air contaminant for sites located in a designated nonattainment area; or	<input type="checkbox"/> APPLICABLE <input type="checkbox"/> NA
	(ii) greater than or equal to 25 tons per year of any criteria air contaminant for sites located in an attainment area.	<input type="checkbox"/> APPLICABLE <input type="checkbox"/> NA
Regulation	30 TAC § 330.989 General Requirements	Response
See General Conditions that apply to all MSW Air Standard Permits Authorized under 30 TAC §§ 330.981-330.995		

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Regulation	30 TAC § 330.991 Technical and Operational Requirements for all MSWLF	Response
<i>Note: The following stationary sources are authorized by this standard permit. Please check all that apply to the site.</i>		
(A)(1)	Recycling (e.g., crushing glass, shredding, or crushing aluminum, light bulb crushing, wood chipping, or mulching)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
Briefly describe:		
Tons per day of each recyclable: _____		
Tons per year of each recyclable: _____		
(a)(2)(A)	Transfer station(s) located at a MSWLF site?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(2)(B)	Transfer stations not located at a MSWLF that retain less than or equal to 1000 tons of waste overnight?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(2)(B)	Transfer stations not located at a MSWLF that retain over 1000 tons of waste overnight?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
<i>Note: If the MSWLF retains over 1000 tons of waste overnight the site shall meet all of the following.</i>		
<input type="checkbox"/> Waste holding area covered by a ventilated building.		
<input type="checkbox"/> The vertical exhaust vent located at least 16 feet above ground level.		
<input type="checkbox"/> The minimum capacity of the exhaust vent 45,000 cubic feet per minute.		
<i>Note: If the Transfer station does not meet the above requirements, this Standard Permit cannot authorize the facility and the Transfer Station will need to seek air authorization under 30 TAC §116.111.</i>		
<i>Note: Waste solidification/stabilization operations shall control dry fine powdery materials (particulate matter emissions) during loading/unloading, transporting, and mixing operations. Controls to minimize particulate emissions may include loading and storing in enclosed containers or mixing and unloading under conditions where materials cannot become airborne.</i>		
(a)(3)(A)	Does the MSWLF site conduct waste solidification/stabilization operations in such a manner as to control dry fine powdery materials: particulate matter emissions?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
<i>Note: Dry fine powdery materials include, but are not limited to fly ash, cement kiln dust, hydrated lime, and fine sawdust.</i>		
(a)(5)	Odor control mist spray systems?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If "YES," please answer the following Optional questions.		
If "NO," skip to the next section 30 TAC § 330.991(a)(6).		
	Does the site use odor control compounds from any of the following companies?	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Check all that apply. <input type="checkbox"/> Air With Car, L.L.C. <input type="checkbox"/> Benzaco Scientific, Ltd. <input type="checkbox"/> Enzymatic Odor Solutions, Inc. <input type="checkbox"/> GE Betz, Inc.		
If "NO," list compound name, manufacturer, concentration of sprayed compound, each nozzle spraying rate, and attach MSDS sheet for the manufacturers compound.		
Manufacturer: _____		
Compound: _____		
Concentration as sprayed: _____		
Nozzle spraying rate in gallons/hour: _____		
Attach MSDS Sheets for each compound used.		
<i>Note: There will be no visible emissions that leave the property in excess of 30 seconds for any six-minute period.</i>		
(a)(6)	Note: Any other facility or group of facilities that meets a permit by rule under Chapter 106 or a standard permit under 30 TAC § 116, Subchapter F with the exception of activities listed in 30 TAC § 330.985(d)(2) are authorized under this standard permit.	
Leachate and/or landfill gas condensate activities shall be conducted as follows:		
(a)(7)(A)	Leachate and/or landfill gas condensate recirculated at a rate of 100,000 gallons per day or less and in accordance with 30 TAC § 330.177 (relating to Leachate and Gas Condensate Recirculation).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(7)(B)	Leachate and/or landfill gas condensate stored in tanks and/or evaporation ponds lined in accordance with 30 TAC § 330.331(b) (relating to Design Criteria) and of 30 TAC § 330.17 (relating to Technical Guidelines).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
Fuel storage tanks meeting the following:		
(a)(8)(A)	Tanks containing gasoline, diesel fuel, or kerosene?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(8)(B)	Permanent gasoline tanks located at least 500 feet from any off-property receptor?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(8)(C)	Total annual throughput of gasoline for all tanks not exceeding 20,000 gallons per year unless a vapor balance system as defined in 30 TAC § 115.10 (relating to Definitions) is used?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA

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Fuel storage tanks meeting the following: <i>(continued)</i>		
(a)(8)(D)	Records are maintained of annual fuel throughput?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(9)	Tire shredding operations that do not exceed 11 tons per hour?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
<i>Note: Records are required to be maintained in order to verify compliance.</i>		
(a)(10)	Bioremediation pads which are located at least 165 feet from any off-property receptor.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
Regulation	Gas Collection and Control System (GCCS) Control Devices	Response
GCCS that is designed to route total collected landfill gas to one (or more) of the following control devices.		
Check all that apply.		
(a)(11)(A)	Flare(s) that satisfies the requirements of and operates in accordance with 40 CFR Part 60 Subpart WWW or Subpart XXX, (40 CFR § 60.18), as applicable;	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(11)(B)	Landfill gas-fired stationary, reciprocating internal combustion engine or a landfill gas-fired turbine not used to generate electricity, that satisfies all of the requirements of 30 TAC § 106.4(a)(1) (relating to Requirements for Permitting by Rule) and 30 TAC § 106.512 (relating to Stationary Engines and Turbines);	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(11)(C)	Landfill gas-fired stationary electric generating unit that satisfies all of the requirements of 30 TAC Chapter 116, Subchapter F:	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(11)(D)	Landfill gas-fired boiler, heater, or other combustion unit, not including stationary, reciprocating internal combustion engines or turbines, that satisfies the maximum heat input and nitrous oxide requirements of 30 TAC § 106.4(a)(1) and 30 TAC § 106.183 (relating to Boilers, Heaters, and Other Combustion Devices) and applicable sections of 30 TAC Chapter 117 (relating to Control of Air Pollution from Nitrogen Compounds);	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(11)(E)	Pollution control project that satisfies all the requirements of 30 TAC § 116.617 (relating to Standard Permits for Pollution Control Projects).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
<i>Note: Any facility or process added under this subsection is not considered a new production facility for the purposes of 30 TAC § 116.617;</i>		

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Regulation	Gas Collection and Control System (GCCS) Control Devices	Response
(a)(11)(F)	Gas treatment system that processes the collected gas to produce a product or by-product for subsequent sale or use. All emissions from any atmospheric vent from the gas treatment system shall be subject to the requirements of 40 CFR § 60.752(b)(2)(iii)(A) or (B) or 40 CFR § 60.762(b)(2)(iii)(A) or (B).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(12)	Temporary rock crushers used exclusively for cell construction.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
<i>Note: Temporary rock crushers shall satisfy all of the requirements for the Air Quality Standard Permit for Temporary Rock Crushers.</i>		
(f)	<i>Note: MSW landfill cell(s) which contain Class I industrial nonhazardous waste greater than 20% by weight or volume shall have a GCCS associated with the location of the Class I waste. The GCCS is subject to the provisions of 30 TAC § 330.995 (relating to Recordkeeping and Reporting Requirements for all Municipal Solid Waste Landfill Sites).</i>	
Regulation	30 TAC § 330.993 Additional Requirements for Owner and/or Operators of Category 3 MSWLF	Response
	Is the landfill site classified as a Category 3 MSWLF?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
If "YES," continue.		
If "NO," go to 30 TAC § 330.995 Recordkeeping and Reporting Requirements for all MSWLF Sites.		
(a)	Does the MSWLF comply with the applicable provisions of 40 CFR §§ 60.752 - 60.759?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)	Does the MSWLF comply with the applicable provisions of 40 CFR §§ 60.762 - 60.769?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)	Does the MSWLF comply with the applicable provisions of 40 CFR, Part 63, Subparts A?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)	Does the MSWLF comply with the applicable provisions of 40 CFR, Part 63, Subpart AAAA?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(1)	Has the landfill GCCS(s) been capped or removed from the site?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
If "NO," go to 30 TAC § 330.993(b).		
If "YES," continue.		

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Regulation	30 TAC § 330.993 Additional Requirements for Owner and/or Operators of Category 3 MSWLF	Response
If "YES," is the MSWLF permanently closed in accordance with 30 TAC Chapter 330, Subchapter K (relating to Closure and Post-Closure), and		
(a)(2)	Has the conditions of 40 CFR § 60.752 (b)(2)(v) been met, and a closure report has been submitted to the TCEQ Air Permits Division in accordance with 40 CFR § 60.757(d)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
(a)(2)	Has the conditions of 40 CFR § 60.762 (b)(2)(v) been met, and a closure report has been submitted to the TCEQ Air Permits Division in accordance with 40 CFR § 60.767(e)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
If "YES," to both of the above, continue.		
If "NO," to both of the above, this Standard Permit cannot authorize the facility.		
(b)	<i>Note: You shall monitor the methane concentration at the surface of your site on a quarterly basis, as specified in 40 CFR § 60.755(c) or 40 CFR § 60.765(c), whichever is applicable.</i>	
(c)	<i>Note: You shall monitor the GCCS in accordance with 40 CFR § 60.756 or 40 CFR § 60.766, whichever is applicable.</i>	
<i>Note: The MSWLF owner or operator shall maintain additional records for the site specified in 40 CFR Part 60, Subpart WWW (in accordance with the provisions of 40 CFR § 60.758, (Recordkeeping Requirements), or 40 CFR 63 Subpart AAAA, or 40 CFR 60 Subpart A, including but not limited to the following, as applicable:</i>		
(c)	An Initial Design Capacity Report as required by 40 CFR § 60.757(a)(2), or an Amended Design Capacity Report required by 40 CFR § 60.757(a)(3)	
(c)(1)	Submit and retain records of the non-methane organic compound (NMOC) emission rates, in accordance with 40 CFR § 60.757(b)	
(c)(2)	Within 90 days of exceeding 2.5 million Mg and 2.5 million cubic meters; and	
(c)(2)	Annually using the procedures specified in 40 CFR § 60.754(a)(1), or	
(c)(2)	Every five years using the procedures of 40 CFR § 60.757(b)(1)(ii)	
(d)	<i>Note: Submit a semi-annual compliance report to the TCEQ Office of Compliance and Enforcement, in accordance with the provisions of 40 CFR § 63.1980 for only category 3 landfill that are subject to MACT AAAA.</i>	