

Form OP-UA44 - Instructions
Municipal Solid Waste Landfill/Waste Disposal Site Attributes
Texas Commission on Environmental Quality

The unit attributes (OP-UA) forms are used to provide a description and data pertaining to all emission units, emission points, processes and control devices with potentially applicable requirements associated with a particular regulated entity (RN) number and application. The information will be provided in an excel format. Each OP-UA form will include sheets for General Information, a Table of Contents, OP-SUM, OP-REQ2, and the unit attribute tables. The individual unit summary (OP-SUM) information and the negative applicable/superseded requirement determinations (OP-REQ2) will be provided on each individual OP-UA form for the applicable units identified in the unit attribute tables.

General Information Sheet

The General Information sheet holds the permit information. The following permit application information is requested for the site:

Date:

Enter the date the application is being submitted by the applicant to TCEQ (MM/DD/YYYY). Any subsequent submittals must show the date of revision.

Customer Reference No. (CN):

Enter the customer reference number (CNXXXXXXXXXX). This number is issued by TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

Regulated Entity No. (RN):

Enter the regulated entity reference number for the site (RNXXXXXXXXXX). This number is issued by TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

Permit No.:

Enter the permit number assigned by TCEQ. Leave the permit number blank if a permit number has not been assigned.

Permit Area Name:

Enter the name of the application area (maximum 50 characters). This should be the same name provided on Form OP-1 (Site Information Summary).

Permit Type:

Choose the type of permit for which this application is being submitted from the dropdown menu (SOP, GOP, TOP).

Information on the different permit types can be found on TCEQ's website at:

www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

Project Type:

Choose the project type for which this application is being submitted from the dropdown menu (Initial, Revision, Renewal).

Submission Type:

Choose the submission type for which this form is being submitted from the dropdown menu (New Application, Existing Application Update).

Project Number:

Enter the project number assigned by TCEQ. Leave the project number blank if a project number has not been assigned.

Title V Form Release Date, Form Number, APD ID Number, and Version Revised Date are present and cannot be altered.

Table of Contents Sheet

The Table of Contents lists all the sheets in the UA Form. If information is submitted on the OP-SUM, OP-REQ2 or the Unit Attribute tables, the "Data Submitted" column will display a "Yes". If no information is submitted, the "Data Submitted" column will remain blank. The Table of Contents information is auto populated. Applicants will not need to submit any information in the Table of Contents.

Instructions for OP-SUM Sheet**General:**

All units with one or more potentially applicable requirements addressed in this form must be identified on the OP-SUM sheet. The term "unit" in these instructions has the meaning of "emission unit" as defined in 30 TAC Chapter 122.

The purpose of this sheet is to list individual units addressed in the Federal Operating Permit (FOP) application and to provide identifying information and preconstruction authorizations. This form is also used to designate members of groups.

The corresponding preconstruction authorization for each unit must also be listed on this form. For units which were authorized to construct or modify under Permits by Rule (PBR), list all applicable PBR information, including registration numbers. If a unit is authorized under more than one preconstruction authorization, then list all applicable preconstruction authorizations, including any Prevention of Significant Deterioration (PSD) and/or nonattainment permit(s).

Groups:

- A "group" is a collection of units or devices that have identical applicability (or non-applicability) determinations and may, or may not, have a physical relationship.
 - Group members may have different 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations.
 - Groups may be used on UA forms only if all unit attributes are identical.
 - All groups must be mutually exclusive. Units cannot be listed in more than one group on a given UA form.
 - Grouping is optional.
 - Groups are assigned an ID No. by the applicant, which must begin with the prefix "GRP" followed by a maximum of eleven characters (GRPXXXXXXX).
-

Specific:**Table 1****Unit Action Indicator (Unit AI):**

Complete this section only for a permit revision or renewal. Select "A" from the dropdown menu if the emission unit indicated is an addition to the existing permit. Select "D" from the dropdown menu if the existing emission unit indicated is being deleted from the permit. If an emission unit is not being added/deleted from the permit, leave blank.

Revision No.:

Complete this section only for a permit revision or renewal. Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision. If no changes are made to an existing unit in the permit, leave blank.

Unit ID No.:

Each unit must be assigned an identification number. (Maximum 14 characters)

- For emission units with potentially applicable requirements, enter Facility ID Nos. (FINs) as listed in the TCEQ State of Texas Air Reporting System (STARS).
- If FIN currently does not exist in STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant. Unit ID Nos. cannot begin with “GRP” (the character sequence reserved for Group ID Nos.).

Group ID No.:

If applicable, enter the unique identification number for the group which includes this unit (GRPXXXXXX) (“GRP” followed by a maximum of 11 characters). If the unit is not a member of a group, leave this column blank. (See general instructions, above, for information regarding requirements for grouping units in FOP applications.)

Unit Name/Description:

Each unit must be given a name or description that distinguishes it from other units as much as practicable. The Unit Name/Description should clearly indicate the type of unit. If possible, please avoid using generic descriptions, such as “Tank” or “Boiler,” for multiple units. (Maximum 50 characters)

- Enter a text name or description for the unit from STARS whenever possible.
- If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

Example: The following example is intended as guidance on completion of columns on OP-SUM. It should be assumed that all criteria for inclusion in the application are met. Criteria for grouping are also assumed to be satisfied.

Unit ID No.	Group ID No.	Unit Name/Description
B-1	GRP-BOILER	Boiler 1
B-2	GRP-BOILER	Boiler 2
T-3		Tank 3
T-4		Tank 4

CAM (For reference only):

Indicate if the unit is subject to 40 CFR Part 64 by selecting “Y” from the dropdown menu in the “CAM” column next to the unit. Please refer to 40 CFR Part 64 to determine applicability. *Certification by the Responsible Official (RO) pursuant to 30 TAC § 122.165 does not extend to the information which is designated on forms as “For reference only.”*

Preconstruction Authorizations (PCA):

At least one PCA must be indicated for each unit; however, a unit may have multiple authorizations. *All preconstruction authorizations listed on this form must also be identified on Form OP-REQ1.*

When a unit has multiple authorizations, each PCA must be listed in a separate row.

The following examples are intended as guidance on completion of columns for the preconstruction authorizations. The examples are followed by specific instructions for each column.

Example 1: Adding multiple PCA Categories for a unit

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization / Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
A		Flare1		Diamine Flare	Y	A	NSR Permit	1234		
A		Flare1		Diamine Flare	Y	A	PSD	PSDTX1234		
A		Flare1		Diamine Flare	Y	A	PBR	23456, 34567	106.261	11/01/2003
A		Flare1		Diamine Flare	Y	A	PBR	23456, 34567	106.262	11/01/2003

Example 2: Adding and deleting a PCA for a unit

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization / Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		T-3	GRPTANKS	Tank 3		A	Standard Permit	12345		
		T-3	GRPTANKS	Tank 3		D	PBR		106.432	09/04/2000

Preconstruction Authorization Action Indicator (PCA AI):

Select “A” from the dropdown menu if a preconstruction authorization is being added for the emission unit. Select “D” from the dropdown menu if a preconstruction authorization is being deleted from the emission unit. If a preconstruction authorization is not being added/deleted from the emission unit, leave blank.

Preconstruction Authorization (PCA) Category:

Select from the dropdown menu the category of the PCA being added or deleted.

- **PBR - Permit by Rule claimed or registered under 30 TAC Chapter 106**
- **Standard Permit - 30 TAC Chapter 116 and non-rule Air Quality Standard Permits**
- **NSR Permit - 30 TAC Chapter 116 preconstruction authorizations**
- **PSD - Prevention of Significant Deterioration Permits**
- **Nonattainment - Nonattainment Permits**
- **GHG – Greenhouse Gas Permits**
- **112(G) [HAP] - Hazardous Air Pollutant Permits**
- **MSW or IHW - Municipal Solid Waste or Industrial Hazardous Waste Permits**
- **Exemption – De Minimis Facilities or Sources authorized by 30 TAC Chapter 116, § 116.119**

Authorization/Registration Number:

List all TCEQ permit numbers for 30 TAC Chapter 116 preconstruction authorizations, Title I preconstruction authorizations (PSD and nonattainment permits) and 30 TAC Chapter 106 (PBR) registration numbers, under which the unit is operating.

- **30 TAC Chapter 116 Permits:** Enter the TCEQ permit number, for example, 12345. This includes special permits and standard permit registrations.
- **Prevention of Significant Deterioration (PSD) Permit:** Enter the PSD permit number (PSDTXXXX), for example, PSDTX123. If the PSD permit has been modified, include the “M” suffix (PSDTXXXXMXX), for example, PSDTX123M5. *Title I authorizations should only be listed for units addressed by the PSD or nonattainment permits.*
- **Nonattainment Permit:** Enter each nonattainment permit number (NXXX), for example, N123. If the nonattainment permit has been modified, include the “M” suffix (NXXXMXX), for example, N123M5. *Title I authorizations should only be listed for units addressed by the PSD or nonattainment permits.*
- **Permit by Rule (previously Standard Exemption):** Enter the PBR Registration No. for each PBR registered under 30 TAC Chapter 106 and each standard exemption previously registered under 30 TAC Chapter 116.
- **Exemption:** Enter 116.119 for a de minimis facility or source, which has other potentially applicable or applicable requirements (these are authorized by 30 TAC Chapter 116, § 116.119). *De minimis facilities or sources should not be included if there are no other potentially applicable or applicable requirements.*

Permit by Rule (PBR) Number:

For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number in the appropriate format shown below.

Note: All units authorized by PBR must also be identified on Form OP-PBRSUP.

Format	PBR/standard exemption claimed or registered date
106.XXX	Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)
XXX	Authorized prior to March 14, 1997

XXX = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.

PBR Effective Date:

For each PBR claimed or registered under 30 TAC Chapter 106 and each standard exemption claimed or registered, enter the effective date of the rule. MM/DD/YYYY = *Effective date of the Standard Exemption or PBR in effect at the time claimed or granted. Information on version dates is available at:*

Information on Chapter 116 version dates is available at:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html.

Information on Chapter 106 version dates is available at:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html.

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116 and each standard exemption had an assigned number, e.g., 112. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and now is referred to as a PBR.

(Standard exemptions were readopted under the PBR designation on March 14, 1997.) Information regarding PBRs may be found on the TCEQ website at <https://www.tceq.texas.gov/permitting/air/permitbyrule/air-pbr>.

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as:

Permit By Rule (PBR) Number	PBR Effective Date
6	07/20/1992

As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as:

Permit By Rule (PBR) Number	PBR Effective Date
106.512	03/14/1997

Instructions for OP-REQ2 Sheet

General:

The purpose of this sheet is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for units when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this sheet OR the appropriate unit attribute table.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of an emission unit is not subject to a regulation. For example, Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

Note: Numerous regulatory citations appear to authorize exemptions to qualifying units from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).

For certain emission units subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example, a Group 1 or Group 2 storage tank, subject to 40 CFR Part 63, Subpart G, may not be required to comply with 40 CFR Part 60, Subpart Kb due to rule overlap of 40 CFR Part 63, Subpart G. In this case, the permit applicant may request a permit shield from 40 CFR Part 60, Subpart Kb. In this case, the applicant must submit the superseding requirement citation, § 63.110(b), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When an emission unit has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each emission unit before listing the next unit.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). If a permit shield is requested, the determinations are always required on the OP-REQ2 sheet. For additional information relating to permit shields, refer to the TCEQ guidance document entitled “Site Operating Permit (SOP) Permit Shield Guidance found on TCEQ’s website at: www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html.

Specific:

Fill out the OP-REQ2 sheet to provide a negative applicability determination for units included on this OP-UA form. If the unit is not submitted on an OP-UA form, submit the negative applicability determination on the standalone OP-REQ2 form.

Unit Action Indicator (AI):

Select “A” from the dropdown menu if the negative applicability or superseded requirement is an addition to the permit. Select “D” from the dropdown menu if the negative applicability or superseded requirement is being deleted from the permit. For revisions to existing negative applicability or superseded requirements in the permit, use the "D" indicator for the existing permit shield and the "A" indicator for the revised permit shield.

Revision No.:

Complete this section only for a permit revision or renewal. Enter the revision number identified on Form OP-2, Table 2 (only for revision items within the application). This number will link the specific negative applicable requirement determination to the appropriate revision.

Unit ID No.:

Select the identification number (ID No.) (maximum 14 characters) of the unit as listed on the OP-SUM sheet.

Potentially Applicable Regulatory Name:

Select the name of the potentially applicable requirement from the dropdown menu for which negative applicability or superseded requirement is being demonstrated. If the potentially applicable regulatory name is not found in the dropdown menu, enter it manually (maximum 50 characters).

Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).

Negative Applicability or Superseded Requirement Citation:

Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).

Example Applicable Regulatory Requirements*

Regulation	Potentially Applicable Regulatory Name (Input Format)	Negative Applicability or Superseded Requirement Citation (Input Format)
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.XXX(x)(yy)(zz)
	Chapter 112	§ 112.XXX(x)(yy)(zz)
	Chapter 113	§ 113.XXX(x)(yy)(zz)
	Chapter 115, Storage of VOCs	§ 115.XXX(x)(yy)(zz)
	Chapter 117, ICI	§ 117.XXX(x)(yy)(zz)
40 CFR Part 60, Subparts, New Source Performance Standards (NSPS)	NSPS XXX	§ 60.XXX(x)(yy)(zz)
40 CFR Part 61, Subparts, National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP XX	§ 61.XX(x)(yy)(zz)
40 CFR Part 63, Subparts, NESHAP by source category, including hazardous organic (HON)	MACT XX	§ 63.XXX(x)(yy)(zz)

* This list is not intended to be exhaustive

Negative Applicability/Superseded Requirement Reason:

Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

OP-UA44 Form Unit Attribute Tables- Instructions**General:**

This form is used to provide a description and data pertaining to municipal solid waste landfills with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a municipal solid waste landfill, then it should be left blank and need not be submitted with the application. If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

Table 1: Title 30 Texas Administrative Code Chapter 115, (30 TAC Chapter 115) Subchapter B: Municipal Solid Waste Landfills

Table 2: Title 40 Code of Federal Regulations Part 60, (40 CFR Part 60) Subpart WWW: Standards of Performance for Municipal Solid Waste Landfills

Table 3: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61) Subpart M: National Emission Standard for Asbestos

Tables 4a - 4b: Title 30 Texas Administrative Code Chapter 113, (30 TAC Chapter 113) Subchapter D: Municipal Solid Waste Landfills

<u>Tables 5a - 5b:</u>	Title 40 Code of Federal Regulations Part 63, (40 CFR Part 63) Subpart AAAA: National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills
<u>Table 6:</u>	Title 40 Code of Federal Regulations Part 60, (40 CFR Part 60), Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants
<u>Tables 7a - 7b:</u>	Title 40 Code of Federal Regulations Part 60, (40 CFR Part 60) Subpart XXX: Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014
<u>Tables 8a - 8b:</u>	Title 40 Code of Federal Regulations Part 62, (40 CFR Part 62) Subpart OOO: Federal Plan Requirements for Municipal Solid Waste Landfills That Commenced Construction On or Before July 17, 2014 and Have Not Been Modified or Reconstructed Since July 17, 2014

The application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Leave the permit number blank for the initial form submittal. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. Anytime a response is not required based on the qualification criteria, leave the space on the form blank.

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

Please note that for general operating permit (GOP) applications, responses may be required for questions on this form which are not included as a column in the applicable GOP table. These responses may be needed to determine applicability of certain requirements within a single row of the GOP permit table.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ executive director and/or the U.S. Environmental Protection Agency Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: the Regulated Entity and Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at www.tceq.texas.gov/permitting/central_registry/guidance.html.

Specific:**Table 1: Title 30 Texas Administrative Code Chapter 115, (30 TAC Chapter 115) Subchapter B: Municipal Solid Waste Landfills**

- ★ **Complete this table only for a municipal solid waste landfill (MSWLF) located in Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Fort Bend, Galveston, Harris, Liberty, Montgomery, Tarrant, or Waller Counties.**

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Facility Capacity:

Select one of the following options for the facility capacity. Enter the code on the form.

Code	Description
100-	Facility capacity is less than 100,000 Megagrams (111,000 tons)
100+	Facility capacity is greater than or equal to 100,000 Megagrams (111,000 tons)

- ▼ **Continue only if “Facility Capacity” is “100+.”**

Closed or Not Receiving Waste:

Enter “YES” if the MSWLF was closed or stopped receiving waste prior to November 8, 1987, and does not have the capacity to receive more waste. Otherwise, enter “NO.”

- ▼ **Continue only if “Closed or Not Receiving Waste” is “NO.”**

NMOC Emission Rate:

Enter “YES” if the annual calculation or recalculation of the nonmethane organic compounds (NMOC) emission rate exceeded 150 Megagrams (165.3 tons) per year. Otherwise, enter “NO.”

- ▼ **Continue only if “NMOC Emission Rate” is “YES.”**

Alternate Control Requirement:

Enter “YES” if using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies which have been approved by the TCEQ Executive Director. Otherwise, enter “NO.” GOP applicants must answer “NO.”

ACR ID No.:

If an alternate control requirement (ACR) has been approved, enter the corresponding ACR unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the ACR approval letter in the table column. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

- ▼ **Continue only if “Alternate Control Requirement” is “NO.”**

NMOC Emissions Control:

Select one of the following options for the control of the total collected NMOC gas emissions. Enter the code on the form.

Code	Description
FLARE	Open flare designed and operated in accordance with 40 CFR § 60.18
TREAT	Gas treatment system which processes the collected gas for subsequent use or sale
CONTROL	Control device which reduces the total collected gas emissions by 98% or to less than 20 parts per million by volume

★ **Complete “Atmospheric Vents” only if “NMOC Emissions Control” is “TREAT.”**

Atmospheric Vents:

Enter “YES” if there are any atmospheric vents from the gas treatment system. Otherwise, enter “NO.”

Gas Collection and Control System:

Enter “YES” if all of the 30 TAC § 115.152(b) requirements for capping and removing the gas collection and control system have been met. Otherwise, enter “NO.”

Control Device ID No.:

If applicable, enter the identification number (maximum 14 characters) for the control device to which emissions are routed. This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Table 2: Title 40 Code of Federal Regulations, Part 60 (40 CFR Part 60), Subpart WWW: Standards of Performance for Municipal Solid Waste Landfills

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM “Individual Unit Summary.”

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:

Select one of the following codes that describes the date of commencement of the most recent construction, reconstruction, or modification. Enter the code on the form.

Code	Description
91-	Before May 30, 1991
91-14	On or after May 30, 1991, and before July 18, 2014
14+	On or after July 18, 2014

▼ **Continue only if “Construction/Modification Date” is “91-14.”**

Design Capacity:

Select one of the following options for the design capacity of the MSW landfill. Enter the code on the form.

Code	Description
2.5-	Design capacity is less than 2.5 million megagrams (2.75 million tons) or 2.5 million cubic meters (3.27 million cubic yards)
2.5+	Design capacity is greater than or equal to 2.5 million megagrams (2.75 million tons) or 2.5 million cubic meters (3.27 million cubic yards)

▼ **Continue only if “Design Capacity” is “2.5+.”**

NMOC Emission Rate:

Select one of the following options for nonmethane organic compounds (NMOC) emission rate. Enter the code on the form.

Code	Description
50-	NMOC emission rate is less than 50 megagrams (55.1 tons) per year
50+	NMOC emission rate is greater than or equal to 50 megagrams (55.1 tons) per year

▼ **Continue only if “NMOC Emission Rate” is “50+.”**

Active Collection System:

Enter “YES” if the facility is using an active collection system. Otherwise, enter “NO.”

ALT to 40 CFR §§ 60.753 - 60.758:

Enter “YES” if the collection/control system design plan includes alternative provisions (ALT) of 40 CFR § 60.753 - 758. Otherwise, enter “NO.”

★ **Complete “ALT to 40 CFR § 60.759” only if “Active Collection System” is “YES.”**

ALT to 40 CFR § 60.759:

Enter “YES” if the owner or operator has demonstrated to the EPA Administrator’s satisfaction the sufficiency of ALT to 40 CFR § 60.759. Otherwise, enter “NO.”

ALT ID No.:

If ALT have been approved, enter the corresponding unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter in the table column. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

▼ **Continue only if “ALT to 40 CFR §§ 60.753 - 60.758” is “NO.”**

Utilizing Geomembrane or Synthetic Cover:

Enter “YES” if the facility is utilizing a geomembrane or synthetic cover. Otherwise, enter “NO.”

Control Device:

Select one of the following options for the type of control device. Enter the code on the form.

Code	Description
FLARE	Open flare
COMB	Enclosed combustion device other than a boiler or process heater
B44-	Enclosed combustion device that is a boiler or process heater with a design heat input capacity less than 44 MW
B44+	Enclosed combustion device that is a boiler or process heater with a design heat input capacity greater than or equal to 44 MW
TREAT	Gas treatment system which processes the collected gas emissions for subsequent use or sale
OTHER	Control device other than those described above

Control Device ID No.:

If applicable, enter the identification number (maximum 14 characters) for the control device to which emissions are routed. This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Table 3: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61), Subpart M: National Emission Standard for Asbestos

★ **Complete this table only for:**

1. Active waste disposal sites that receive asbestos-containing waste material from:
 - a. asbestos mills;
 - b. manufacturing, fabricating, demolition, renovation, or spraying operations; or
 - c. operations that convert asbestos-containing waste material into non asbestos (asbestos-free) material.
2. Inactive waste disposal site that received asbestos-containing waste material from:
 - a. asbestos mills; or
 - b. manufacturing and fabricating operations.

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Waste Disposal Site:

Select one of the following options that describes the waste disposal site. Enter the code on the form.

Code	Description
INACT	Inactive waste disposal site for an asbestos mill, manufacturing operation, or fabricating operation
ACTIV	Active waste disposal site for manufacturing, fabricating, demolition, renovation, and spraying operations, an asbestos mill, or operations that convert asbestos-containing waste material into non asbestos (asbestos-free) material.

Note: GOP applicants must answer “ACTIV.”

Alternative Control Method:

Enter “YES” if the facility is using an EPA approved alternative control method (ACM). Otherwise, enter “NO.”
GOP applicants must answer “NO.”

ACM ID No.:

If an ACM has been approved, then enter the corresponding ACM unique identifier for each unit or process (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the ACM approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

▼ **Continue only if “Alternative Control Method” is “NO.”**

Emissions Compliance:

Select one of the following options that describes the method of compliance for the waste disposal site. Enter the code on the form.

For sites with a “Waste Disposal Site” designation of “INACT:”

Code	Description
NOVIS1	No visible emissions are discharged to the outside air from the inactive waste disposal site
15+A	Asbestos containing waste covered with at least 15 centimeters (6 inches) of compacted non asbestos containing material and a cover of vegetation
60+	Asbestos containing waste covered with at least 60 centimeters (2 feet) of compacted non asbestos containing material
RESIN1	A resinous or petroleum-based dust suppression agent that binds to dust to control surface air emissions

For sites with a “Waste Disposal Site” designation of “ACTIV:”

Code	Description
NOVIS2	No visible emissions are discharged to the outside air from the active waste disposal site
15+B	Asbestos containing waste covered with at least 15 centimeters (6 inches) of compacted non asbestos containing material
RESIN2	A resinous or petroleum-based dust suppression agent that effectively binds dust and controls wind erosion

Table 4a: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Municipal Solid Waste Landfills

★ **Complete this table only for existing municipal solid waste landfills (MSWLF) as defined in 30 TAC § 113.2060.**

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Less Stringent Standard:

Enter “YES” if the owner or operator is applying for less stringent emission standards or longer compliance schedules than those otherwise required and can demonstrate to the TCEQ Executive Director and EPA one of the conditions specified in 30 TAC § 113.2067(1) - (3). Otherwise, enter “NO.” GOP applicants must answer “NO.”

Design Capacity:

Select one of the following options for the design capacity. Enter the code on the form.

Code	Description
2.5-	Design capacity is less than 2.5 million megagrams (2.75 megatons) and 2.5 million cubic meters (3.27 million cubic yards)
2.5+	Design capacity is greater than or equal to 2.5 million megagrams (2.75 megatons) and 2.5 million cubic meters (3.27 million cubic yards)

▼ **Continue only if “Less Stringent Standard” is “NO.”**

Gas Collection and Control System:

Enter “YES” if the MSWLF is in compliance with 30 TAC § 115.152 and the commission has approved a gas collection and control system. Otherwise, enter “NO.”

▼ **Continue only if “Design Capacity” is “2.5+.”**

NMOC Emission Rate:

Select one of the following options for the nonmethane organic compounds (NMOC) emission rate. Enter the code on the form.

Code	Description
50-	NMOC emission rate is less than 50 megagrams (55.1 tons) per year
50+	NMOC emission rate is greater than or equal to 50 megagrams (55.1 tons) per year

▼ **Continue only if “Gas Collection and Control System” is “NO” AND “NMOC Emission Rate” is “50+.”**

ALT to 40 CFR §§ 60.753 - 60.758:

Enter “YES” if the collection/control system design plan includes alternative provisions (ALT) of 40 CFR § 60.753 - 758. Otherwise, enter “NO.”

Table 4b: Title 30 Texas Administrative Code Chapter 113 (30 TAC Chapter 113), Subchapter D: Municipal Solid Waste Landfills

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

ALT to 40 CFR § 60.759:

Enter “YES” if the owner or operator has demonstrated to the EPA Administrator’s satisfaction the sufficiency of alternative provisions (ALT) to 40 CFR § 60.759. Otherwise, enter “NO.”

ALT ID No.:

If ALT has been approved, enter the corresponding unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter in the table column. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Active Collection System:

Enter “YES” if the MSWLF is using an active collection system. Otherwise, enter “NO.”

▼ **Continue only if “ALT to 40 CFR §§ 60.753 - 60.758” is “NO.”**

Geomembrane or Synthetic Cover:

Enter “YES” if MSWLF uses a geomembrane or synthetic cover. Otherwise, enter “NO.”

Control System:

Select one of the following options for the control system. Enter the code on the form.

Code	Description
FLARE	Open flare designed and operated in accordance with 40 CFR § 60.18
TREAT	Gas treatment system which processes the collected gas for subsequent use or sale
BPH44-	Boiler or process heater with a design capacity less than 44 megawatts
BPH44+	Boiler or process heater with a design capacity greater than or equal to 44 megawatts
OTHENCL	Other enclosed combustion device
OTHCD	Other control system

Control Device ID No.:

If applicable, enter the identification number (maximum 14 characters) for the control device to which emissions are routed. This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Table 5a: Title 40 Code of Federal Regulations, Part 63 (40 CFR Part 63), Subpart AAAA: Nation Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Subpart AAAA Applicability:

Enter “YES” if the MSW landfill has accepted waste since November 8, 1987, or has additional capacity for waste deposition. Otherwise, enter “NO.”

▼ **Continue only if “Subpart AAAA Applicability” is “YES.”****Source Category:**

Select one of the following options for the source category of the MSW landfill. Enter the code on the form.

Code	Description
MAJOR	MSW Landfill is a major source as defined in 40 CFR § 63.2
COLOC	MSW Landfill is not a major source on its own but is collocated with a major source as defined in 40 CFR § 63.2
AREA	MSW Landfill is an area source

Design Capacity:

Select one of the following options for the design capacity of the MSW landfill. Enter the code on the form.

Code	Description
2.5-	Design capacity is less than 2.5 million megagrams (2.75 million tons) or 2.5 million cubic meters (3.27 million cubic yards)
2.5+	Design capacity is greater than or equal to 2.5 million megagrams (2.75 million tons) and 2.5 million cubic meters (3.27 million cubic yards)

▼ **Continue only if “Design Capacity” is “2.5+.”****Facility Type:**

Select one of the following options to describe the facility type for the MSW landfill. Enter the code on the form.

Code	Description
LAND	Conventional MSW Landfill operations
BIO	Bioreactor operations

★ **Go to Table 5b if “Facility Type” is “BIO.”**

NMOC Emission Rate:

Select one of the following options for nonmethane organic compounds (NMOC) emission rate. Enter the code on the form.

Code	Description
50-	NMOC emission rate is less than 50 megagrams (55.1 tons) per year
50+	NMOC emission rate is greater than or equal to 50 megagrams (55.1 tons) per year

▼ Do not continue if “Source Category” is “AREA” and “NMOC Emission Rate” is “50-.”

★ Complete “Compliance Demonstration” only if “Source Category” is “COLOC” or “MAJOR,” “NMOC Emission Rate” is “50-”, and “Facility Type” is “LAND.”

Compliance Demonstration:

Select one of the following options for the type of compliance demonstration used. Enter the code on the form.

Code	Description
TIER1	Tier 1 [§63.1959(a)(2)] is used to demonstrate NMOC compliance.
TIER2	Tier 2 [§63.1959(a)(3)] is used to demonstrate NMOC compliance.
TIER3	Tier 3 [§63.1959(a)(4)] is used to demonstrate NMOC compliance.
ALT	EPA approval of alternative method to determine the NMOC concentration or a site-specific methane generation constant in accordance with 40 CFR §63.1959(a)(5)

▼ Continue only if “NMOC Emission Rate” is “50+.”

Table 5b: Title 40 Code of Federal Regulations, Part 63 (40 CFR Part 63), Subpart AAAA: Nation Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Control Device:

Select one of the following options for the type of control device. Enter the code on the form.

For sites complying with Subpart AAAA:

Code	Description
FLARE	Open combustor without enclosure or shroud
COMB98	Enclosed combustion device other than a boiler or process heater reducing NMOC by 98 wt.%
COMB20	Enclosed combustion device other than a boiler or process heater reducing NMOC outlet concentration to 20 ppmv
B44+98	Enclosed combustion device that is a boiler or process heater with a design heat input capacity greater than or equal to 44 MW reducing NMOC by 98 wt.%
B44-98	Enclosed combustion device that is a boiler or process heater with a design heat input capacity less than 44 MW reducing NMOC by 98 wt.%
B44+20	Enclosed combustion device that is a boiler or process heater with a design heat input capacity greater than or equal to 44 MW reducing NMOC outlet concentration to 20 ppmv
B44-20	Enclosed combustion device that is a boiler or process heater with a design heat input capacity less than 44 MW reducing NMOC outlet concentration to 20 ppmv
CTRL98	Control device other than a flare or enclosed combustion device reducing NMOC by 98 wt.%
TREAT	Gas treatment system which processes the collected gas emissions for subsequent use or sale

Control Device ID No.:

If applicable, enter the identification number (maximum 14 characters) for the control device to which emissions are routed. This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

ALT to 40 CFR §§ 63.1958 – 63.1961:

Enter “YES” if the collection/control system design plan includes alternative provisions (ALT) of 40 CFR § 63.1958 – 1961. Otherwise, enter “NO.”

Gas Collection System:

Select one of the following options for the type of collection system used by the facility.

Code	Description
ACT	An active collection system is utilized to move gas to the control device
PAS	A passive collection system is utilized to move gas to the control device

★ **Complete “ALT to 40 CFR § 63.1962” only if “Gas Collection System” is “ACT.”**

ALT to 40 CFR § 63.1962:

Enter “YES” if the owner or operator has demonstrated to the EPA Administrator’s satisfaction the sufficiency of ALT to 40 CFR § 63.1962. Otherwise, enter “NO.”

ALT ID No.:

If ALT has been approved, enter the corresponding unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter in the table column. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Table 6: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants

★ **Complete this table for GOP 517 (MSW Landfills): Only answer “Facility Type”; facility type must be “CRSHR”.**

Unit ID No.:

Enter the identification number (ID No.) for the affected facility (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

Note: If the owner or operator has a facility or facilities that are enclosed and has chosen to comply with the emission limitations of 40 CFR Part 60, Subpart OOO as a building under 40 CFR § 60.672(e), then the identification number should be an identification for that building. All affected facilities enclosed in the building are not to be listed as separate affected facilities.

GOP Index No.:

General operating permit (GOP) applicants should indicate the GOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Facility Type:

Select the following option for the affected facility. Enter the code on the form.

Code	Description
CRSHR	Crusher

Table 7a: Title 40 Code of Federal Regulations Part 60, (40 CFR Part 60) Subpart XXX: Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM “Individual Unit Summary.”

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:

Select one of the following codes that describes the date of commencement of the most recent construction, reconstruction, or modification. Enter the code on the form.

Code	Description
14-	On or before July 17, 2014
14+	After July 17, 2014

▼ **Continue only if “Construction/Modification Date” is “14+.”**

Design Capacity:

Select one of the following options for the design capacity of the MSW landfill. Enter the code on the form.

Code	Description
2.5-	Design capacity is less than 2.5 million megagrams (2.75 million tons) or 2.5 million cubic meters (3.27 million cubic yards)
2.5+	Design capacity is greater than or equal to 2.5 million megagrams (2.75 million tons) or 2.5 million cubic meters (3.27 million cubic yards)

▼ **Continue only if “Design Capacity” is “2.5+.”**

NMOC Emission Rate:

Select one of the following options for nonmethane organic compounds (NMOC) emission rate. Enter the code on the form.

Code	Description
34-	NMOC emission rate is less than 34 megagrams (37.5 tons) per year
34-50	NMOC emission rate is greater than or equal to 34 megagrams (37.5 tons) per year but less than 50 megagrams per year. The surface methane emissions are below 500 ppm using Tier 4 surface monitoring
34+CD	NMOC emission rate is greater than or equal to 34 megagrams (37.5 tons). The surface methane emissions are below 500 ppm using Collection and Control System

★ **Complete “Compliance Demonstration” only if “NMOC Emission Rate” is “34-” or “34-50.”**

Compliance Demonstration:

Select one of the following options for the type of compliance demonstration used. Enter the code on the form.

For MSW landfills where “NMOC Emission Rate” is “34-”:

Code	Description
TIER1	Tier 1 [§60.764(a)(2)] is used to demonstrate NMOC compliance
TIER2	Tier 2 [§60.764(a)(3)] is used to demonstrate NMOC compliance
TIER3	Tier 3 [§60.764(a)(4)] is used to demonstrate NMOC compliance
ALT	EPA approval of alternative method to determine the NMOC concentration or a site-specific methane generation constant in accordance with 40 CFR § 60.764(a)(5)

For MSW landfills where “NMOC Emission Rate” is “34-50”:

Code	Description
T1T4	Tier 1 is used to demonstrate NMOC compliance. Tier 4 [§ 60.764(a)(6)] is used to demonstrate methane concentration is less than 500 ppm
T2T4	Tier 2 is used to demonstrate NMOC compliance. Tier 4 is used to demonstrate methane concentration is less than 500 ppm

▼ **Continue to Table 7b only if “NMOC Emission Rate” is “34+CD.”**

Table 7b: Title 40 Code of Federal Regulations Part 60, (40 CFR Part 60) Subpart XXX: Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM "Individual Unit Summary."

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Control Device:

Select one of the following options for the type of control device. Enter the code on the form.

Code	Description
FLARE	Open combustor without enclosure or shroud
COMB98	Enclosed combustion device other than a boiler or process heater reducing NMOC by 98 wt.%
COMB20	Enclosed combustion device other than a boiler or process heater reducing NMOC outlet concentration to 20 ppmv.
B44+98	Enclosed combustion device that is a boiler or process heater with a design heat input capacity greater than or equal to 44 MW reducing NMOC by 98 wt.%
B44-98	Enclosed combustion device that is a boiler or process heater with a design heat input capacity less than 44 MW reducing NMOC by 98 wt.%
B44+20	Enclosed combustion device that is a boiler or process heater with a design heat input capacity greater than or equal to 44 MW reducing NMOC outlet concentration to 20 ppmv.
B44-20	Enclosed combustion device that is a boiler or process heater with a design heat input capacity less than 44 MW reducing NMOC outlet concentration to 20 ppmv.
OTHER	Control device other than a flare or enclosed combustion device reducing NMOC by 98 wt.%
TREAT	Gas treatment system which processes the collected gas emissions for subsequent use or sale

Control Device ID No.:

If applicable, enter the identification number (maximum 14 characters) for the control device to which emissions are routed. This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Gas Collection System:

Select one of the following options for the type of collection system used by the facility.

Code	Description
ACT	An active collection system is utilized to move gas to the control device.
PAS	A passive collection system is utilized to move gas to the control device.

ALT to 40 CFR §§ 60.763 - 60.766:

Enter "YES" if the collection/control system design plan includes alternative provisions (ALT) of 40 CFR § 60.763 - 766. Otherwise, enter "NO."

ALT ID No.:

If ALT have been approved, enter the corresponding unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter in the table column. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

★ **Complete “ALT to 40 CFR § 60.769” only if “Gas Collection System” is “ACT.”**

ALT to 40 CFR § 60.769:

Enter “YES” if the owner or operator has demonstrated to the EPA Administrator’s satisfaction the sufficiency of ALT to 40 CFR § 60.769. Otherwise, enter “NO.”

ALT ID No.:

If ALT have been approved, enter the corresponding unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter in the table column. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Table 8a: Title 40 Code of Federal Regulations Part 62, (40 CFR Part 62) Subpart OOO: Federal Plan Requirements for Municipal Solid Waste Landfills That Commenced Construction On or Before July 17, 2014 and Have Not Been Modified or Reconstructed Since July 17, 2014

- ★ **Complete this table only for a municipal solid waste landfill (MSW landfill) that has accepted waste at any time since November 8, 1987, or a MSW landfill that has additional capacity for future waste deposition.**
- ★ **Do not complete this table for a MSW landfill that is regulated by an EPA-approved and currently effective state or tribal plan implementing 40 CFR Part 60, Subpart Cf.**

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:

Select one of the following options that describe the date of commencement of the most recent construction, reconstruction, or modification. Enter the code on the form.

Code	Description
14-	Construction, reconstruction, or modification commenced on or before July 17, 2014
14+	Construction, reconstruction, or modification commenced after July 17, 2014

▼ **Continue only if “Construction/Modification Date” is “14-.”**

Design Capacity:

Select one of the following options for the design capacity of the MSW landfill. Enter the code on the form.

Code	Description
2.5-	Design capacity is less than 2.5 million megagrams (2.75 million tons) or 2.5 million cubic meters (3.27 million cubic yards)
2.5+	Design capacity is greater than or equal to 2.5 million megagrams (2.75 million tons) and 2.5 million cubic meters (3.27 million cubic yards)

★ **Complete "Negative Declaration Letter" only if "Design Capacity" is "2.5-."**

Negative Declaration Letter:

Enter "YES" if the MSW landfill is located in a state, locality, or portion of Indian country that submitted a negative declaration letter. Otherwise, enter "NO."

▼ **Continue only if "Design Capacity" is "2.5+."**

Leachate/Liquids:

Enter "YES" if leachate recirculation or added liquids has been employed at the MSW landfill within the last 10 years. Otherwise, enter "NO."

Control Device:

Select one of the following options for the type of control device. Enter the code on the form.

Code	Description
FLARE	Open combustor without enclosure or shroud
COMB98	Enclosed combustion device other than a boiler or process heater reducing NMOC by 98 wt.%
COMB20	Enclosed combustion device other than a boiler or process heater reducing NMOC outlet concentration to less than 20 ppmv
B44+98	Enclosed combustion device that is a boiler or process heater with a design heat input capacity greater than or equal to 44 MW reducing NMOC by 98 wt.%
B44-98	Enclosed combustion device that is a boiler or process heater with a design heat input capacity less than 44 MW reducing NMOC by 98 wt.%
B44+20	Enclosed combustion device that is a boiler or process heater with a design heat input capacity greater than or equal to 44 MW reducing NMOC outlet concentration to less than 20 ppmv
B44-20	Enclosed combustion device that is a boiler or process heater with a design heat input capacity less than 44 MW reducing NMOC outlet concentration to less than 20 ppmv
CTRL98	Control device other than a flare or enclosed combustion device reducing NMOC by 98 wt.%
TREAT	Gas treatment system which processes the collected gas emissions for subsequent use or sale
NONE	No gas collection and control system is installed at the MSW landfill. [Use only if the NMOC emission rate is less than 50 megagrams per year]

Control Device ID No.:

If applicable, enter the identification number (maximum 14 characters) for the control device to which emissions are routed. This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Table 8b: Title 40 Code of Federal Regulations Part 62, (40 CFR Part 62) Subpart OOO: Federal Plan Requirements for Municipal Solid Waste Landfills That Commenced Construction On or Before July 17, 2014, and Have Not Been Modified or Reconstructed Since July 17, 2014

Unit ID No.:

Enter the identification number (ID No.) for the municipal solid waste landfill (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Compliance Demonstration" only if "Control Device" is "NONE."**

Compliance Demonstration:

Select one of the following options for the type of compliance demonstration used for the nonmethane organic compounds (NMOC) emission rate or the surface methane emissions concentration. Enter the code on the form.

Code	Description
TIER1	Tier 1 [§62.16718(a)(2)] is used to show that the NMOC emission rate is less than 34 megagrams (37.5 tons) per year
TIER2	Tier 2 [§62.16718(a)(3)] is used to show that the NMOC emission rate is less than 34 megagrams (37.5 tons) per year
TIER3	Tier 3 [§62.16718(a)(4)] is used to show that the NMOC emission rate is less than 34 megagrams (37.5 tons) per year
TIER4	Tier 4 [§62.16718(a)(6)] is used to show that the surface methane emissions concentration is less than 500 parts per million [Use only if the NMOC emission rate is greater than or equal to 34 megagrams per year]
ALT	EPA approval of an alternative method to determine the NMOC concentration or a site-specific methane generation rate constant in accordance with 40 CFR §62.16718(a)(5)

▼ **Do not continue if "Control Device" is "NONE."**

Optional Provisions:

Select one of the following options that describes the provisions that the MSW landfill is complying with. Enter the code on the form.

Code	Description
OOO	The MSW landfill is complying with the provisions of 40 CFR §§62.16716, 62.16720, and 62.16722
AAAA	The MSW landfill is complying with the provisions of 40 CFR §§63.1958, 63.1960, and 63.1961
BOTH	The MSW landfill is complying with both the provisions of 40 CFR §§62.16716, 62.16720, and 62.16722 and the provisions of 40 CFR §§63.1958, 63.1960, and 63.1961

ALT Design Plan

Enter "YES" if the collection/control system design plan includes alternative provisions (ALT) of 40 CFR §§62.16716 – 16722 and/or §§ 63.1958 - 1961. Otherwise, enter "NO."

ALT ID No.:

If ALT has been approved, enter the corresponding unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter in the table column. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Gas Collection System:

Select one of the following options for the type of collection system used by the facility.

Code	Description
ACT	An active collection system is utilized to move gas to the control device
PAS	A passive collection system is utilized to move gas to the control device

★ Complete "ALT to 40 CFR § 62.16728" only if "Gas Collection System" is "ACT."

ALT to 40 CFR § 62.16728:

Enter "YES" if the owner or operator has demonstrated to the EPA Administrator's satisfaction the sufficiency of ALT to 40 CFR § 62.16728. Otherwise, enter "NO."

ALT ID No.:

If ALT has been approved, enter the corresponding unique identifier for each unit (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter in the table column. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.