



Explanation of Municipal Solid Waste Data Fields

TCEQ Municipal Solid Waste Permits Section
April 2019

Introduction

This document explains the data fields that appear in municipal solid waste (MSW) data files available for download from the TCEQ website at:

Data on Municipal Solid Waste Facilities in Texas
<http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw-data>

The data files that are currently available are:

- [msw-facilities-texas.xls](#) —A spreadsheet listing issued permits and other authorizations as well as pending applications for **MSW landfills and processing facilities that are active, inactive, or not yet constructed**. Data fields include facility name and type; permit, registration, or notification number; authorization status; facility physical status; and location information.
- [msw-closed-facilities-texas.xls](#) —A spreadsheet listing issued or acknowledged permits and other authorizations for **MSW landfills and processing facilities that have closed**. Data fields include facility name and type; permit, registration, or notification number; authorization status; facility physical status; and location information.
- [msw-revoked-or-not-issued-texas.xls](#) —A spreadsheet listing revoked permits and other authorizations for **MSW landfills and processing facilities, and applications that were withdrawn, returned, or denied**. Data fields include facility name and type; permit, registration, or notification number; authorization status; facility physical status; and location information.
- [msw-unum-texas.xls](#) —A spreadsheet of historical information listing **old, closed unnumbered MSW landfills** that were operated before permits were required, as well as unauthorized landfills and miscellaneous illegal dumps and disposal sites. See our [Inventory of Closed Municipal Solid Waste Landfills](#) page for information about why this information was collected and how it is used.

Explanation of Data Fields

Explanations of data fields in MSW data files are provided in the following tables.

Table 1. Data fields in files *msw-facilities-texas.xls*, *msw-closed-facilities-texas.xls*, and *msw-revoked-or-not-issued-texas.xls* (fields are listed in the order that they appear in the data files).

Field Name	Explanation																															
Program	Value is "MSW" or "MSW-NOI" for municipal solid waste																															
Site Name	The name of the facility																															
Additional ID	The MSW authorization number. Authorization numbers are assigned according to the facility type. MSW facility types are described in rule in 30 TAC §330.5 (in MSW rules, permits, and other formal documents, facility types are identified using roman numerals).																															
	<table border="1"> <thead> <tr> <th>Number Range</th> <th>Facility Type</th> </tr> </thead> <tbody> <tr> <td>1 - 8999</td> <td>Permitted facility; letter suffix indicates amended permit 1, 1AE, 2, 3, 4, and 4AE—Landfill facilities; "AE" designates an arid-exempt facility; landfill Types 2 and 3 are historical types that were required to upgrade to Type 1 standards, or to close and install final cover) 5AC—Medical Waste Processing Facility with Autoclave 5GG—Liquid Waste Processing Facility 5MW—Medical Waste Processing Facility 5RC—Composting Facility 5TS—Permitted Solid Waste Transfer Station 5WI—Medical Waste Processing Facility with Incinerator (facility may also have autoclave)</td> </tr> <tr> <td>9000 - 9999</td> <td>Landfill Permit by Rule for Demolition Waste from Nuisance or Abandoned Buildings ("Monofill")</td> </tr> <tr> <td>40000 - 41999</td> <td>5TS—Registered Solid Waste Transfer Station 5MWTS—Registered Medical Waste Transfer Station 5TL—Liquid Waste Transfer Station 5AC—Medical Waste Processing Facility with Autoclave 5MW—Medical Waste Processing Facility 5WI—Medical Waste Processing Facility with Incinerator (facility may also have autoclave)</td> </tr> <tr> <td>42000 - 42999</td> <td>5RC—Registered Composting Facility</td> </tr> <tr> <td>43000 - 43999</td> <td>5GG—Registered Liquid Waste Processing Facility</td> </tr> <tr> <td>47000 - 47999</td> <td>5RC—Notice of Intent to Operate a Composting Facility</td> </tr> <tr> <td>48000 - 49999</td> <td>9GR—Registered Beneficial Gas Recovery Facility</td> </tr> <tr> <td>61000 - 61999</td> <td>5GM—Registered Mobile Liquid Waste Processor</td> </tr> <tr> <td>62000 -</td> <td>CP—Construction Over Closed MSW Landfills, Permitted</td> </tr> <tr> <td>65000 -</td> <td>CR—Construction Over Closed MSW Landfills, Registered</td> </tr> <tr> <td>67000 -</td> <td>SUBT—Construction Over Closed MSW Landfills, Non-Enclosed</td> </tr> <tr> <td>100000 -</td> <td>5RCX—Notice of Intent to Operate a Recycling Facility, Composting 5RR—Notice of Intent to Operate a Recycling Facility, Recycling</td> </tr> <tr> <td>110000 -</td> <td>5LV—Notice of Intent to Operate a Low-Volume Transfer Station</td> </tr> <tr> <td>120000 -</td> <td>5CC—Notice of Intent to Operate a Citizens Collection Station</td> </tr> <tr> <td>999999</td> <td>Miscellaneous Communications</td> </tr> </tbody> </table>	Number Range	Facility Type	1 - 8999	Permitted facility; letter suffix indicates amended permit 1, 1AE, 2, 3, 4, and 4AE—Landfill facilities; "AE" designates an arid-exempt facility; landfill Types 2 and 3 are historical types that were required to upgrade to Type 1 standards, or to close and install final cover) 5AC—Medical Waste Processing Facility with Autoclave 5GG—Liquid Waste Processing Facility 5MW—Medical Waste Processing Facility 5RC—Composting Facility 5TS—Permitted Solid Waste Transfer Station 5WI—Medical Waste Processing Facility with Incinerator (facility may also have autoclave)	9000 - 9999	Landfill Permit by Rule for Demolition Waste from Nuisance or Abandoned Buildings ("Monofill")	40000 - 41999	5TS—Registered Solid Waste Transfer Station 5MWTS—Registered Medical Waste Transfer Station 5TL—Liquid Waste Transfer Station 5AC—Medical Waste Processing Facility with Autoclave 5MW—Medical Waste Processing Facility 5WI—Medical Waste Processing Facility with Incinerator (facility may also have autoclave)	42000 - 42999	5RC—Registered Composting Facility	43000 - 43999	5GG—Registered Liquid Waste Processing Facility	47000 - 47999	5RC—Notice of Intent to Operate a Composting Facility	48000 - 49999	9GR—Registered Beneficial Gas Recovery Facility	61000 - 61999	5GM—Registered Mobile Liquid Waste Processor	62000 -	CP—Construction Over Closed MSW Landfills, Permitted	65000 -	CR—Construction Over Closed MSW Landfills, Registered	67000 -	SUBT—Construction Over Closed MSW Landfills, Non-Enclosed	100000 -	5RCX—Notice of Intent to Operate a Recycling Facility, Composting 5RR—Notice of Intent to Operate a Recycling Facility, Recycling	110000 -	5LV—Notice of Intent to Operate a Low-Volume Transfer Station	120000 -	5CC—Notice of Intent to Operate a Citizens Collection Station	999999
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Field Name	Explanation
Physical Type	MSW facility type, explained further in the explanation of the Additional ID field. MSW facility types are described in rule in 30 TAC §330.5 .
Legal Status	Status of the MSW authorization. May be Issued, Pending, Revoked, Withdrawn, or Denied
Physical Site Status	Facility operational status. May be Active, Inactive, Not Constructed, Closed, or Post Closure
RN	Regulated Entity Reference Number assigned to a facility by TCEQ
County	Name of the county in which a facility is located. If a facility is in more than one county, the database will indicate the name of the county in which the facility entrance is located.
Region	TCEQ Region. For more information about TCEQ regions, see our Region Directory < www.tceq.texas.gov/goto/region >.
Phys Addr. Line 1	Physical address of the facility
Phys Addr Line 2	Physical address of the facility
Phys Addr City	Physical address of the facility
Phys Addr State	Physical address of the facility
Phys Addr Zip	Physical address of the facility
Phys Addr Zip+4	Physical address of the facility
Near Phys Loc Txt	Generalized description of the facility location
Near Phys Loc City	Name of city nearest the facility
Near Phys Loc State	State in which nearest city is located
Near Phys Loc Zip	Zip code for city nearest the facility
Latitude	Latitude in decimal degrees of facility (may be for site permanent benchmark, gate, facility centroid, or other point)
Longitude	Longitude in decimal degrees of facility (may be for site permanent benchmark, gate, facility centroid, or other point)

Table 2. Data fields in file *msw-unum-texas.xls* (fields are listed in alphabetical order).

Field Name	Explanation
ACCURACY	Code for landfill coordinate source: 1 - TNRCC files; 2 - Geocoded at Southwest Texas State University (SWTSU) from good location information, high confidence level; 3 - Geocoded at SWTSU from very general location information, low confidence level; 4 - no coordinates available
AGRICULTUR	If Y, facility accepted agricultural waste
BRUSH	If Y, facility accepted brush
CNTY_NAME	Texas county name where site is located
COG	Texas Council of Government code
COMMENTS	General comments about the facility
CONST_DEMO	If Y, facility accepted waste from construction demolition
COOR_CD	Code used to identify the source of the coordinate data
DATE_CLOSE	Date landfill closed
DATE_OPEN	Date landfill opened
DEPTH_CD	Code used to identify the source of the maximum depth data

Field Name	Explanation
FINAL_COV	If Y, final cover has been applied
HAZ_CERT	If Y, certain that hazardous waste was accepted
HAZ_PROB	If Y, probable that hazardous waste was accepted
HAZ_UNLIKE	If Y, unlikely that hazardous waste was accepted
HOUSEHOLD	If Y, facility accepted household waste
INDUSTRIAL	If Y, facility accepted industrial waste
INSPECTION	Last date of inspection, inspection comments
LATIT_DD	Landfill latitude in decimal degrees
LATIT_DEG	Landfill latitude in degrees-minutes format, degree portion
LATIT_MIN	Landfill latitude in degrees-minutes format, minute portion
LEGAL	If Y, landfill is (or was) a permitted facility
LOCATION	Physical location or address of unauthorized facility
LONGI_DD	Landfill longitude in decimal degrees
LONGI_DEG_	Landfill longitude in degrees-minutes format, degree portion
LONGI_MIN	Landfill longitude in degrees-minutes format, minute portion
MAX_DEPTH	Maximum depth of the landfill
MIN_THICK	Minimum thickness of final cover
OTHER	If Y, facility accepted other types of wastes
OTHER_DES	Description of other types of wastes accepted
OWN_CD	Code used to identify the site owner
OWN_NAME	Land owner name or contact for application
PARTIES	Parties (areas, cities) served by the landfill
REVIEWER	Researchers notes
SITE_NAME1	Name of unauthorized landfill site
SITE_NAME2	Alternate or local name of unauthorized landfill site
SIZE_ACRES	Landfill size in acres
SIZE_CUYDS	Landfill size in cubic yards
SOURCE	Source of information
TIRES	If Y, facility accepted tires
TWC_DIST	Texas Water Commission district code
UNAUTHOR	If Y, landfill is unauthorized
UNUM	Site number assigned at SWTSU for tracking unauthorized landfill sites
UPDATE	Code used to indicate changes that were made to the data as a result of site review and verification process: 0 - no changes; 1 - change to attribute; 2 - change to location; 3 - change to location and attribute; 4 - new record; 5 - contested site; 6 - ?; 7 - ?; 8 - military data
USE	If Y, the land is available for reuse