

HOW TO USE THE CLOSED LANDFILL INVENTORY (CLI)

The information in the inventory was derived from best possible records and is for public information purposes only. No claims are made as to the completeness of data or its suitability for a particular purpose other than as public information as required by Senate Bill (S. B.) 1447.

The inventory consists of three information sheets that summarize the work conducted by Wilbur Smith Associates (WSA), Corrigan Consulting, Inc. (CCI), and the Houston-Galveston Area Council (H-GAC). Research included general site information, and ownership and boundary information. Available hard copy information, such as affidavits to public, legal descriptions, aerial photography, inspection reports, etc., is centrally located at the H-GAC offices at 3555 Timmons, Houston, TX, 77227. Please call (832-681-2518 or email cli@hgac.cog.tx.us) to make an appointment.

The following is a list of definitions to aid in the general understanding of this inventory:

Closed Municipal Solid Waste Landfill (CMSWL):

For inventory purposes, also known as “closed landfill”. According to rule 330.95 of the Texas Administrative Code, a closed municipal solid waste landfill (CMSWL) is a discrete area of land or an excavation that has received only municipal solid waste (MSW) or MSW combined with other solid wastes, including but not limited to construction/demolition waste, commercial solid waste, non-hazardous sludge, conditionally exempt small-quantity generator hazardous waste, and industrial solid waste, and that is not a land application unit, surface impoundment, injection well, or waste pit as those terms are defined by 40 CFR §257.2.

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- Site ID:** Identification number from permit from Texas Department of Health (TDH), Texas Natural Resource Conservation Commission (TNRCC), Texas Commission on Environmental Quality (TCEQ) or another state, county or local government (e.g. 123). Southwest Texas State University (SWTSU) assigned site IDs to a closed landfill that was unpermitted by using a “U” and a number (e.g. U123).
- County:** County in which the landfill is located
- Site Name:** Alias or nickname given to landfill
- Location:** Physical location description or address of landfill
- Key Map® Page:** Key Maps are an index of streets by county. For the H-GAC region, available Key Maps® included Brazoria, Fort Bend, Galveston, Harris, and Montgomery counties.
- Classification:** Classifies type of waste/waste facility. May be in Roman numerals or digits.

- I – Sanitary landfill, daily cover required (population equivalent served exceeds 5,000 people)
- II – Sanitary landfill, daily cover required (population equivalent served is from 1,500 to 5,000 people)
- III – Sanitary landfill, daily cover required (population equivalent served is less than 1,500 people)
- IV – Sanitary landfill for brush and/or construction-demolition material, monthly cover required
- V – Miscellaneous solid waste processing facility
- VII – Sludge land disposal facility.

Related Sites: Sites in which multiple site numbers may be related due to a common property involved (or sites in close proximity), common property ownership, overlap in landfill history or operations, or other potential connections between sites. A common example is for a site to have been assigned a permit number when it entered the permit application process but to also have a “U” number from the time it operated without authorization.

Information Obtained: List of items obtained during research by WSA, CCI, and H-GAC

Data Gap Actions: List of information that is unavailable or unknown. If a field in a site report is blank, information is unavailable or unknown.

Acreage: Area of landfill in acres

Acreage Estimate: Approximate area of landfill if no exact acreage available

Waste Types: Description of waste (e.g. household waste, construction debris)

Research Suspended? Point at which a determination was made to suspend research on certain sites where information was lacking. In such a case, this box is checked in the inventory report and appears with an explanation of the difficulties encountered, usually related to the inability to pinpoint a site location and proceed with information gathering for a site.

Date First Used: Date on which waste was first received. If “01/01/year” is used, this means that no exact information for the month and day is available.

Date Last Used: Date on which waste was last received. If “01/01/year” is used, this means that no exact information for the month and day is available.

< Less than

> Greater than

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Site location map (if available) for landfill. The site location and/or closed landfill unit boundary depicted on maps represents an estimated location only and was derived from best available records. The Houston-Galveston Area Council provides the geographic data "as is". This organization makes no guarantee or warranty concerning the accuracy of information contained in the geographic data. Also, this organization makes no warranty, either expressed or implied, regarding the condition of the product or its fitness for any particular purpose. The burden for determining fitness for use lies entirely with the user. Although these files have been processed successfully on computers at this organization, no warranty is made by this organization regarding the use of these data on any other system, nor does the fact of distribution constitute or imply such a warranty. No claims are made as to the positional accuracy or completeness of data or its suitability for a particular purpose other than as public information as required by S. B. 1447.

In instances when exact boundaries can be delineated on the site location map, "Landfill Boundary" is noted in the map legend. In instances when exact boundaries are not known or cannot be delineated on the site location map, "0.25-mile buffer around landfill boundary" is noted in the map legend.

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- Land Owners:** Owner of property at the time of CLI research
- On-line Data Address:** Internet address of appraisal district if interactive information is available on-line
- Date Data Obtained:** Date landowner data was obtained
- Land Use:** Land use of closed landfill (See following examples)
- Vacant:* No current visible use of the property, either in structures or on the land.
- Agriculture:* Use of the property for crop production or pastureland.
- Residential:* Use of the property for any range of residential uses, from single-family dwellings (including manufactured homes) to duplexes, triplexes and other multi-family residential developments.
- Commercial:* Use of the property for non-residential activities such as retail stores, offices and other commerce.
- Industrial:* Use of the property for intensive non-residential uses involving manufacturing, processing, assembly or warehousing/distribution of products.
- Mining:* Use of the property for oil and gas exploration and production activities.
- Public / Semi-Public:* Use of the property for governmental buildings or functions, including schools or for non-profit or private activities involving public assemblies (e.g., membership organizations).
- Water:* Waterways (bay, lake, river, creek, bayou, drainage channel, etc.).

Recreation: Use of public or private property for parks, playgrounds and recreational pursuits.

Institutional: Use of the property for community functions that attract significant visitors, such as hospitals and churches.

Waste Disposal: Use of the property for apparent waste handling and/or disposal purposes, including sites with active dumping, truck activity, transfer station facilities, etc.

Closed Landfill: Sites with no other apparent use or development aside from the closed landfill identified at that location.

Adjacent Land Use: Land use of property adjacent to closed landfill. (See examples for **Land Use**.)

Observations: Visual observations from site visit, if conducted

Date Visited: Date of site visit conducted by WSA, CCI or H-GAC

Exact Boundaries Known?: A box is checked if exact boundaries are known.

Boundary Information Source: Description of boundary source (e.g. affidavit to public, legal description, unit map, landfill map, etc.)

Confidence Level*: 4 Classifications

Exact Boundaries Known: A reliable landfill unit boundary has been confirmed and can be readily mapped in GIS. (Highest Confidence, although orientation of the boundary may still need clarification in some cases)

Good Approximation: Some form of boundary illustration is available, either from a survey map, technical report or other records, and is consistent with acreage data or other site information. Affidavits and narrative legal descriptions provide a good starting point but are sometimes difficult to translate into map form, especially when not accompanied by a property illustration. (High to Medium Confidence)

Estimated: A boundary was estimated based on aerial photography, field investigation or some other means but may be difficult to confirm without corroborating information about the site. (Medium to Low Confidence).

Unknown: Little, if any, information is available about the site – or nothing directly related to the size, extent or likely boundaries of the former landfill. (Lowest to No Confidence)

Boundary Description: Description of boundary source (e.g. affidavit to public, legal description, unit map, landfill map, etc.)

* Subjective classification, not derived statistically

Special Notes: Information not included in above information

Removal Notes: Information pertaining to the removal of a site from the CLI. (e.g. related sites, permit never issued, etc.)