

Key

Required

Required but may include "Unknown," such as for null values

Required if applicable or if available

Optional

R Entered by regional staff





























HQ Supplied by Headquarters by synchronization from SEMS or RCRAInfo. NOT to be completed by regional GIS personnel. Any value input by regional GIS personnel in these fields will be overwritten by values in SEMS.

Exported for public use





























Internal use only

	Field Requirement	Source	Audience	Field Name (Superfund)	Field Alias	Field Spec	Description	Superfund Example
All Geometry Types (Points/Lines/Polygons)		R		REGION_CODE	EPA Region	Short	The number of the EPA Regional Office, from 01 to 10.	8
		R		EPA_PROGRAM	EPA Program	Text(30)	Superfund Remedial, Superfund Removal, RCRA CA. Allows for this schema to be generalized for other cleanup programs.	Superfund Remedial
		R		EPA_ID	EPA ID	Text(12)	Assigned EPA program site identification number.	SC1890008989
		HQ		SITE_NAME	Site Name	Text(100)	Assigned site name. Should be a duplicate of the long name used in the programmatic database.	Savannah River Site
		R		SITE_FEATURE_CLASS	Feature Class	Short	Supplied by GIS personnel. The higher level class that a feature type can be categorized as.	Extent of Contamination
		R		SITE_FEATURE_TYPE	Feature Type	Text(100)	Category that a feature fits into. A pre-populated list is available in the template, or regions can add their own options.	Waste in Place
		R		SITE_FEATURE_NUMBER	Feature Number	Text(50)	If more than one feature of the same type (such as OUs) exist, increment this number for each feature.	1
		R		SITE_FEATURE_SEQUENCE	Feature Sequence	Short	If feature is updated over time, increment this number for each update. This will be used to track geometry edits over time. Example: An OU might be revised to reflect a partial delisting. An institutional control boundary might be redefined.	2
		R		SITE_FEATURE_NAME	Feature Name	Text(150)	The common name that a feature is referred to. Oftentime OUs are referred to by name and not just number.	Apache Tailings Impoundment
		R		SITE_FEATURE_DESCRIPTION	Feature Description	Text(2000)	Create a short narrative description of the feature. For Superfund, explain how the boundary may include property boundaries, extent of contamination, or observance of geographic boundaries such as streams.	The Savannah River Site (SRS) occupies approximately 802.9 square kilometers (310 square miles) of land adjacent to the Savannah River. Approximately 90 percent of SRS land...
		R		LAST_CHANGE_DATA	Last Change Date	Date	Data feature was last edited.	December 21, 1989
		R		ORIGINAL_CREATION_DATA	Original Creation Date	Date	Date the feature was originally collected/created.	August 24, 2017

Note: If a field uses domains, the domain name is the same as the field name.

	Field Requirement	Source	Audience	Field Name (Superfund)	Field Alias	Field Spec	Description	Superfund Example
All Geometry Types (Points/Lines/Polygons)		R		SITE_FEATURE_SOURCE	Feature Source	Text(100)	The original source of the feature. Could be a regional GIS team, contractor, PRP, state, EPA document, other.	2021 FYR, p 97. Fig C-1
		R		FEATURE_INFO_URL	Feature Info URL	Text(255)	A URL to an address that documents the feature in more detail. If the original source is publicly available, link the source document.	https://semspub.epa.gov/src/document/04/11167233
		R		FEATURE_INFO_URL_DESC	Feature Info URL Description	Text(150)	A short description of the URL, such as the name of the system (e.g., SEMS, RCRAInfo) or the content of the URL target (e.g., Institutional Control)	2021 FYR
		R		RPM_APPROVAL	RPM Approved	Text(3)	(Y/N) flag indicating if the feature is approved by the RPM for the site. Default is N.	N
		R		CLEARED_PUBLIC_RELEASE	Cleared For Public Release	Text(1)	(Y/N) flag indicating if the feature is cleared for public release via associated web services. Features not cleared for public release would be available to internal EPA staff via the GeoPlatform or other internal platforms.	Y
		R		HORIZ_COLLECT_METH_CODE	Horizontal Collection Method	Short	SEMS code that best describes how the data were created/collected.	018
		R		TIER_ACCURACY_CODE	Tier Accuracy	Short	This dropdown supplies the Tier number to the system (values 1 - 6 used for cleanup sites in both programs).	2
		R		PROJECTION	Projection Used	Text(250)	Projected Coordinate system used to map feature.	NAD 1983 HARN StatePlane Georgia West FIPS 1002 US Feet
		R		GIS_AREA	GIS Area	Double	Feature area calculated in GIS, not the internal database area field.	310.253
		R		GIS_AREA_UNITS	GIS Area Units	Text(25)	Units of the GIS Area calculation. Default value is acres.	Acres
		R		GIS_LENGTH	GIS Length	Double	Feature length calculated in GIS, not the internal database length field.	436.758
		R		GIS_LENGTH_UNITS	GIS Length Units	Text(25)	Units of the GIS length calculation. Default value is miles.	Miles
		R		LATTITUDE_DECIMAL_VAL	Latitude WGS84	Double	Decimal: 6 significant digits provided. The value in this field must be reprojected in WGS84 if its original collection method is not WGS84.	40.837649
		R		LONGITUDE_DECIMAL_VAL	Longitude WGS84	Double	Decimal: 6 significant digits provided. The value in this field must be reprojected in WGS84 if its original collection method is not WGS84.	-103.947823

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All Geometry Types (Points/Lines/Polygons)	Field Requirement	Source	Audience	Field Name (Superfund)	Field Alias	Field Spec	Description	Superfund Example
		R		SF_GEOSPATIAL_DATA_DISCLAIMER	Data Disclaimer	Text(2000)	The disclaimer language that should be attached to any Superfund Geospatial Data distributed for use outside of the Superfund Program itself.	
		R		SITE_ID	Site ID	Text(7)	Assigned SEMS site identification number.	0403485
		HQ		URL_ALIAS_TXT	Site Info URL	Text(2000)	A URL to an address that documents the site in more detail. This should be the site profile page, if applicable.	https://cumulis.epa.gov/supercpad/CurSites/csitinfo.cfm?id=0403485&msspp=med
		HQ		NPL_STATUS_CODE	Site NPL Status	Text(1)	A code identifying a site's status on the Superfund's NPL (National Priorities List). Permissible Values: A - Site is Part of NPL Site P - Proposed for NPL D - Deleted from the Final NPL R - Removed from Proposed F - Currently on the Final NPL S - Pre-proposal Site N - Not on the NPL W - Withdrawn O - Not Valid Site or Incident	F
		HQ		FEDERAL_FACILITY_DETER_CODE	Site Federal Facility Determination	Text(1)	Permissible Values: "Y" = Federal Facility, "N" = Not a Federal Facility, "D" = Status Undetermined.	Y
		HQ		STREET_ADDR_TXT	Site Address	Text(255)	Either the urban street number and name, a descriptive rural address or a facility references, such as a military base name. This must be the authoritative address as maintained in SEMS.	Between SC 25 and US 278
		R		ADDR_COMMENT	Site Address Comment	Text(1000)	Explanation of the site address, especially helpful to include if the street address is not a mailing address or if is rural style (e.g., 5 miles west of X).	Site is bound to the North by the New River, to the east by route 72, to the west by Crooked Creek, and to the south by highway 142
		HQ		CITY_NAME	Site City	Text(60)	City name of the site is within or has as a mailing address. City is not always a part of cleanup site addresses.	
		HQ		COUNTY	Site Country	Text(50)	Name of the county of record in the site/facility address.	AIKEN, BARNWELL, ALLENDALE
		HQ		STATE_CODE	Site State	Text(2)	State postal abbreviation.	SC
		HQ		ZIP_CODE	Site Zip	Text(14)	Generally the 5 digit code, extensible to 9.	80466
		HQ		SITE_CONTACT_NAME	Site RPM	Text(255)	Contact name for general site inquires, generally the primary RPM in Superfund and source is the most recent available in SEMS	
		HQ		PRIMARY_TELEPHONE_NUM	Site RPM Phone	Text(20)	Telephone number for the above contact.	
		HQ		SITE_CONTACT_EMAIL	Site RPM Email	Text(100)	Email address for the above contact.	

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