

Field Guide for OMDS Data Gathering / Data Entry

Updated 6/5/07

OMDS Category	OMDS Field	Description	Valid Values
General System Information	FDS#	Facility Data System Number – assigned by IHS	Unique number assigned via algorithm - for solid waste systems 5th and 6 th digits are 3 and 0 respectively for solid waste sites
	System Type	Type of sanitary system Only available when adding a new system.	Choose from drop down list: Sewer Sewer Dist Solid Waste Water Water Dist
	Tribal System?	Is the system or site tribally owned and/or operated? Checked = yes	Checked Unchecked
	Certified Operator?	Is system operator certified? Checked = yes This most commonly will be unchecked for solid waste systems. Applies primarily to water and sewer system operator certification. Some states have certification for solid waste operators that tribal operators might certify with.	Checked Unchecked
	Facility Name	A descriptive name of the solid waste collection/disposal system or dump site	Name of dump site Name of solid waste collection service (SWCS) Name of solid waste disposal system (SWDS)
	Organization	Name of the organization responsible for maintaining the site. For an open dump, there will most likely not be an organization responsible for maintenance. Choose from a drop down list.	Choose from drop down list populated from OMDS Organizations listing: No organization assigned Tribe X O&M organization
	General Description	Description of the system or dumpsite. Include description of how to get to the site from a known location (cross roads).	Narrative description (up to 2000 characters)
	Indian Pop	Enter the best available estimate of the Indian population using the site.	Number
	Non-Indian Pop	Enter the best available estimate of	Number

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		the non-Indian population using the site.	
	Last Survey Date	Date last IHS, tribal, third party contract, or EPA field personnel surveyed the system or site.	Date DD-MM-YYYY
	Surveyor	Name of person (and organization) responsible for survey of system or site.	First Name, Last Name, Organization
Location	Communities	Official IHS community names served by system or site. These community names are designated by IHS in the Standard Code Book. Without the community name, an EPA Regional office cannot be associated with the site.	Choose from drop down list populated from wSTARS community listing
	IHS District	IHS District name	Automatically assigned based on communities listed.
	IHS Service Unit	Sub-units within IHS Areas.	Automatically assigned based on communities listed.
	State	State in which system or site is located	Automatically assigned based on communities listed.
	County	County in which system or site is located	Automatically assigned based on communities listed.
	Reservation	Official reservation name served by system or site and designated by IHS in the Standard Code Book	Automatically assigned based on communities listed.
	EPA Region	EPA Region in which the system or site is located	Automatically assigned based on communities listed.
	IHS Field Office	IHS Field office for the area in which the system or site is located	Automatically assigned based on communities listed.
	Tribe	Official IHS tribe name and number, served by system or site and designated by IHS in the Standard Code Book	Automatically assigned based on communities listed.
	Area-Defined Fields	Extra fields added by specific IHS Area offices	Data fields added by Area wSTARS administrator
Solid Waste System Details	Solid Waste System Type	The intent is that we will inventory any type of solid waste handling site that may become an open dump.	Choose from drop down list: Solid Waste Disposal Site Collection System with Off-Reservation Disposal Transfer Site

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		<p>Type of solid waste site:</p> <p>Solid Waste Disposal Site = Managed site that may or may not be a 40 CFR Part 258 compliant MSW disposal site, or an unmanaged MSW disposal site</p> <p>Collection System with Off-Reservation Disposal = curb-side, drop box, or self-haul system to collect waste and transfer to a disposal site</p> <p>Transfer site = A site that accepts waste for consolidation and then transfer to an on-reservation landfill</p> <p>Transfer site with off-reservation disposal = In addition to being a transfer site/collection point, the waste is hauled to an off-reservation landfill</p> <p>Recycling facility = A site where recyclables are collected for recycling</p> <p>Construction and demolition debris landfill = Managed site for C&D waste that may or may not be 40 CFR Part 257 compliant</p>	<p>Transfer Site with Off-Reservation Disposal</p> <p>Recycling Facility</p> <p>Construction and Demolition Debris Landfill</p>
	System Status	<p>Describes the current activity or use status of the site</p> <p>Unspecified = no legacy data</p> <p>Active = site actively being used to</p>	<p>Choose from drop down list:</p> <p>Active</p> <p>Inactive</p>

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		deposit waste Inactive = site was formerly used to deposit waste and site has received no waste in the past year.	
	Condition	<p>Describes the current condition of the site</p> <p>Unspecified = no legacy data</p> <p>Open dump - Buried = waste on site has been covered in a non-compliant manner</p> <p>Open dump - Surface = waste on the surface of a site that is not being properly managed</p> <p>Closed = waste is left in place, the site is properly covered, and the site no longer is used as a dump</p> <p>Cleaned Up = waste is removed, and the site no longer is used as a dump</p> <p>Upgraded = site is fully compliant with 40 CFR Part 258 standards</p> <p>Properly managed = waste is being managed in accordance with best management practices</p> <p>Needs Improvements = condition option for Collection System with Off-Reservation Disposal used for system that is not being properly managed</p>	<p>Choose from drop down list: Open Dump – Buried Open Dump – Surface Closed Cleaned Up Upgraded Properly Managed Needs Improvements</p> <p>If an open dump exists with waste that is improperly buried, but there is also waste on the surface, code the site as “Open Dump – Buried”, as we want to document the least obvious of the two conditions</p> <p>“Properly Managed” should only be used on the first site visit after the upgrade to the new OMDS system. Coding “Properly Managed” on subsequent visits will overwrite critical “Closed”, “Cleaned Up”, or “Upgraded” data.</p>
	Condition Date	Date current condition arose or was	MM/DD/YYYY

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		initially identified (not date of assessment - this is recorded in the Last Survey Date field)	
	EPA ID	EPA site identifier Enter any relevant site identifiers that EPA uses. May be blank.	Can include Superfund or other EPA program site ID numbers
Open Dump Health Threat Summary	Open Dump Health Threat	Rating of health threat based on specific factors including site surface area, contents, rainfall, site drainage and leachate potential, flooding potential, frequency of burning, access controls, public concern, vertical distance to drinking water aquifer, horizontal distance to surface water, distance to homes. Health threat score is automatically calculated based on other fields: Score calculated based on numbers assigned to health threat factors listed above. Health threat score = (Sum of hazard factors) x (Size) x (Sum of proximity factors)	Automatically assigned based on, size, hazard, and proximity factors: Low (health threat score 0 – 450) Medium (health threat score 451 – 900) High (health threat score 901 – 1488)
	EPA threat concurrence	Did EPA concur with the threat ranking and score? Unchecked = no legacy data or no concurrence Checked = yes Proposed: Each EPA regional point of contact for dump inventory data will review and concur with the threat score as appropriate.	Checked Unchecked

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	EPA Threat Concurrence	Describes whether or not documentation from EPA to support the threat concurrence is attached Unspecified = no legacy data Not gathered in the field.	Choose from drop down list: Documentation Attached No Documentation (documentation can be attached)
	Health Threat Comment	Enter a descriptive comment on health threat level or specific factors	Narrative comment.
Site Characteristics	Land Status	Type of land on which site is located	Choose from drop down list: Alaska Native Land Allotted Fee New Mexico Pueblos Private Trust (Individual) Trust (Tribal)
	N Latitude	Site location coordinate in NAD 83 Decimal Degrees Recommended: determine site coordinates in the field via hand-held GPS unit at most-used point of access to the site.	(example: 54.1289600000)
	W Longitude	Site location coordinate in NAD 83 Decimal Degrees Recommended: determine site coordinates in the field via hand-held GPS unit at most-used point of access to the site.	(example: 79.3698500000)
	Surface Area	Calculated site acreage (width time length in meters, yards, or feet and convert to acres) not including area with wind blown trash. Estimated surface area of site in	Number (in acres) (example: 5.00 acres)

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		<p>acres. 1 acre = 4,046 m² = 4,840 yd² = 43,560 ft²</p> <p>Threat factor = 1 if site is less than 0.5 acres</p> <p>Threat factor = 2 if site is between 0.5 acres and 5 acres</p> <p>Threat factor = 3 if site is 5 acres or greater)</p>	
	Surface Volume	<p>Estimated volume of waste on the surface of the ground in cubic yards.</p> <p>.76 m³ = 1 yd³ = 9 ft³</p>	Number (in cubic yards)
Hazard Factors	Contents	<p>Categories of waste types:</p> <p>Municipal solid waste = any household, commercial/industrial, or institutional solid waste that legally can be discarded in a municipal landfill under the provisions of RCRA Subtitle D.</p> <p>Special waste = solid or other wastes not specifically regulated as hazardous under RCRA Subtitle C but which are considered to require special handling either due to regulation under other statutes or for worker safety.</p> <p>Hazardous waste = those materials listed by EPA under RCRA Subtitle C as hazardous.</p> <p>Contents categorized with no checkboxes selected = legacy data</p>	<p>Automatically assigned based on contents check boxes selected:</p> <ul style="list-style-type: none"> A- Municipal solid waste B- Special waste C- Hazardous waste D- Municipal and special waste E- Municipal and Hazardous waste F- Municipal, Special and Hazardous waste G- Special and Hazardous waste
	Contents check boxes	Specific types of waste identified or	Abandoned automobiles (type = B, contents score = 5)

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		<p>observed at site.</p> <p>Each has a contents score of 1, 5 or 10</p> <p>Threat factor = 1 if sum of the contents score less than or equal to 10</p> <p>Threat factor = 4 if sum of the contents score greater than 10 and less than 25</p> <p>Threat factor = 8 if sum of the contents score 25 or greater</p>	<p>Abandoned trailers (type = A, contents score = 1)</p> <p>Animal carcasses (type = B, contents score = 5)</p> <p>Appliances/white goods (type = B, contents score = 5)</p> <p>Construction and demolition waste (type = B, contents score = 1)</p> <p>Drums/containers of unknowns/pesticide containers (type = C, contents score = 10)</p> <p>Electronics (type = B, contents score = 5)</p> <p>Fluorescent light bulbs (type = C, contents score = 5)</p> <p>Furniture (type = A, contents score = 1)</p> <p>Lead acid batteries (type = C, contents score = 10)</p> <p>Medical wastes (type = B, contents score = 10)</p> <p>Meth-lab wastes (type = C, contents score = 10)</p> <p>Municipal solid waste (type = A, contents score = 5)</p> <p>Scrap tires (type = B, contents score = 1)</p> <p>Sewage sludge/septic tank pumpings (type = B, contents score = 5)</p> <p>Suspected asbestos or lead containing materials (type = C, contents score = 10)</p> <p>Suspected RCRA Subtitle C hazardous wastes (treated wood, paints, solvents) (type = C, contents score = 10)</p> <p>Waste oils/oily wastes (type = B, contents score = 5)</p> <p>Yard/green wastes (type = A, contents score = 1)</p>
	Rainfall	<p>Estimated rainfall per year at the site based on historical data from NOAA or the National Weather Service.</p> <p>Unspecified = no legacy data</p> <p>Threat factor = 1 if Low</p> <p>Threat factor = 2 if Medium</p> <p>Threat factor = 3 if High</p>	<p>Choose from drop down list:</p> <p>Low < 10 inches per year</p> <p>Medium = 10 – 25 inches per year</p> <p>High > 25 inches per year</p>
	Site drainage and leachate potential	<p>Estimated potential for site to contaminate surface and/or groundwater based on local geography.</p>	<p>Choose from drop down list:</p> <p>Site drainage protects ground or surface water</p> <p>Limited ponding, drainage effects largely neutral</p> <p>Site drainage increases ground or surface water</p>

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		<p>Unspecified = no legacy data</p> <p>Site drainage increases contamination = contamination has been measured, observed, or highly suspected in ground or surface water due to ponding, flooding, or other water infiltrating the site.</p> <p>Limited ponding, drainage effects largely neutral = although some water accumulates or flows through the site, the water has not been measured, observed, or suspected to increase drainage of contaminants from the site into ground or surface water.</p> <p>Site drainage protects ground or surface water = there are no measured, observed, or suspected impacts to ground or surface water from contamination from site waste.</p> <p>Threat factor = 1 if site drainage protects water</p> <p>Threat factor = 3 if drainage effects neutral</p> <p>Threat factor = 6 if drainage increases water contamination</p>	contamination
	Flooding potential	<p>Estimated potential for debris movement due to flooding based on local geography.</p> <p>Flooding factors include percent of</p>	<p>Choose from drop down list:</p> <p>No potential for flooding</p> <p>Debris movement from flooding unlikely</p> <p>Debris movement from flooding likely</p>

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		<p>side slope, distance from stream course (horizontal and vertical), surface soil texture and degree of compaction, site evidence of previous hydrology including debris, soil color, and plant indicators.</p> <p>Unspecified = no legacy data</p> <p>Threat factor = 1 if no flooding</p> <p>Threat factor = 2 if flooding unlikely</p> <p>Threat factor = 3 if flooding likely</p>	
	Frequency of cover	<p>Description of how often site covered with dirt or other material.</p> <p>Unspecified = no legacy data</p> <p>This hazard factor is not included in the health threat score.</p>	<p>Choose from drop down list:</p> <p>Daily</p> <p>Monthly</p> <p>Never</p> <p>Weekly</p> <p>Yearly</p>
	Frequency of burning	<p>Description of how often waste burning occurs at the site.</p> <p>Unspecified = no legacy data</p> <p>Threat factor = 1 if no burning</p> <p>Threat factor = 2 if burning less than weekly</p> <p>Threat factor = 4 if burning weekly or more</p>	<p>Choose from drop down list:</p> <p>Burning does not occur</p> <p>Burning less frequently than weekly</p> <p>Burning weekly or more frequently</p>
	Fenced Site?	<p>Description of site fencing.</p> <p>Checked = site is fenced of</p> <p>This hazard factor is not included in the health threat score.</p>	<p>Checked</p> <p>Unchecked</p>

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	Controlled Access	<p>Description of access control to the site.</p> <p>Unspecified = no legacy data</p> <p>Effectively controlled access = fences, gates, on-site personnel and/or other means limit access to use the site as designed and permitted during appropriate hours of operation. Access is not allowed when site activities are unsupervised.</p> <p>Ineffective controls or poorly restricted access = fences do not surround the entire site, gates are left unlocked, and/or on-site personnel are not present at all times of operation.</p> <p>Unrestricted access = fences, gates, and/or on-site personnel are not used to control access at the site.</p> <p>Threat factor = 1 if access controlled</p> <p>Threat factor = 2 if ineffective controls</p> <p>Threat factor = 4 if unrestricted access</p>	<p>Choose from drop down list.</p> <p>Effectively controlled access</p> <p>Ineffective controls or poorly restricted access</p> <p>Unrestricted access</p>
	Public Concern	<p>Description of the degree of public concern from the community about the site.</p> <p>Unspecified = no legacy data</p>	<p>Choose from drop down list.</p> <p>No concern voiced</p> <p>Little concern voiced by public</p> <p>Concern frequently voiced by public</p>

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		<p>No concern voiced = that the tribe, IHS, and EPA have no knowledge of any individuals or organizations voicing concern about the site.</p> <p>Little concern voiced by the public = tribal, IHS, and/or EPA personnel know that a person or a group of persons have asked questions or have stated concerns about the site and the site's impact to culture, history, health and/or environment.</p> <p>Concern frequently voiced by public = tribal, IHS, and/or EPA personnel know that a person or group of persons have serious concerns and questions about the impacts of the site on culture, history, health and/or environment.</p> <p>Threat factor = 1 if no concern</p> <p>Threat factor = 2 if little concern</p> <p>Threat factor = 3 if frequent concern</p>	
Proximity Factors	Vertical distance to drinking water aquifer	<p>Numerical estimate of vertical distance to drinking water aquifer from site (in feet) based on water wells or other borings in the area.</p> <p>Unspecified = no legacy data</p> <p>1m = 3.3 feet</p> <p>Threat factor = 1 if greater than 600 feet</p>	<p>Choose from drop down list.</p> <p>Greater than 600 feet</p> <p>51 – 599 feet</p> <p>Less than 50 feet</p>

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		Threat factor = 3 if between 51 and 599 feet Threat factor = 6 if less than 50 feet	
	Horizontal distance to surface water bodies	Numerical estimate of horizontal distance to surface water from site (in feet) based on actual or mapped measurement. Unspecified = no legacy data 1m = 3.3 feet 1 football field = 360 ft long Threat factor = 1 if greater than 1,000 feet Threat factor = 2 if between 51 and 1,000 feet Threat factor = 4 if less than 50 feet	Choose from drop down list: Greater than 1,000 feet 51 – 1,000 feet Less than 50 feet
	Distance to homes	Numerical estimate of distance to the nearest home from site (in feet) based on actual or mapped measurement. Unspecified = no legacy data 1m = 3.3 feet 1 football field = 360 ft long Threat factor = 1 if greater than 5,000 feet Threat factor = 3 if 1,000-5,000 feet Threat factor = 6 if less than 1,000	Choose from drop down list: Greater than 5,000 feet 1,000 – 5000 feet Less than 1,000 feet

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		feet	
Attachments		Utility to attach pictures, maps, and other supporting documents.	Pictures, maps, site documents, etc.
Journal		Utility to add archival notes or comments.	Narrative comment.