

Brief Descriptions of ECSI Tables and their Contents

ActionCode

Description: This table associates a Code and Description for Administrative, Remedial, or Investigative actions at a Site.

AdminAction

Description: This table includes all data fields associated with administrative (or remedial) actions at a Site entered by DEQ on a certain date. An action may begin and end on the same day, or may occur over a span of time, beginning on a certain day.

AgencyCode

Description: This table describes the agency that has primary responsibility for, or carries out, the Action.

AssociationStatusCode

Description: The Investigative Status of the Site with respect to the Study Area:

- XCN - Included within the Study Area but not yet suspected
- XNF - Not suspected as contributor to study Area Problem
- XSR - Confirmed as contributor to Study Area problem
- XSU -Suspected contributor to Study Area problem

NOTE: A Site may have different statuses for different Study Areas.

For example, a Site may be in both the East Multnomah County and Columbia Slough Study Areas. Its Status with respect to East Multnomah County is XSU - because there appears to be groundwater contamination. But its Status with respect to Columbia Slough is XCN - because there is insufficient evidence that the Site has contributed to contamination in the Slough.

BrownfieldCode

Description: This table holds Brownfield codes for relevant Sites (one Code per Site).

FurtherActionPriority

Description: This table describes the priority assigned to the most recent further action requirement for a Site.

HazardRelease

Description: This table describes actual/suspected discharges or emissions of hazardous substances into the environment, resulting in contamination of one or more media.

InvestStatusCode

Description: This table describes the Investigative Status of a Site; it is either:

- SUS – Contamination suspected but not confirmed
- LIS – Contamination confirmed or Institutional Controls in place
- NFA – No further action required.

MediumCode

Description: This table describes materials that have absorbed hazardous substance(s) at a detectable level, such as soil, air, groundwater, surface water, or sediment.

Narrative

Description: Generally, narratives contain information about a Site, its background and history, the nature and extent of hazardous releases, pathways of exposure, investigative and cleanup actions, and further actions that may still be required. Examples are:

- Ownership
- Manner of release
- Pathways
- Remedial action
- Hazardous waste
- Threat
- Data sources
- Contamination
- Media contamination.

Text entries for certain narratives begin with the date and initials/program affiliation of the project manager (surrounded by parentheses).

NarrativeCode

Description: This table describes the types of narrative text lines maintained for a Site.

Operation

Description: This table describes business activities currently or historically conducted, or types of businesses currently or historically operating, at a Site. An Operation may be responsible for processes that cause contamination, and thus require cleanup. An Operation can be active or inactive, and may have one or more SIC Codes.

OperationProcessCode

Description: This table describes a process carried out by an operation that uses hazardous substances and may therefore threaten human health or the environment.

OperationSicCodes

Description: This table describes SIC Codes related to this Operation. SIC codes indicate industry types, and range from being general to quite specific.

OperationStatusCode

Description: This table describes the operating status of a Site:

- A – Active
- I – Inactive
- U - Unknown

Note that this indicates whether DEQ was aware of activity at a Site *when the determination was made*. This is NOT an indicator of whether the Site is active in DEQ's Cleanup Program.

Permit

Description: This table describes a license issued by DEQ or an external agency that allows an operation to release, transport or dispose of hazardous substances within specified limitations.

ProcessCode

Description: This table describes the type of processes that use hazardous substances at a Site.

RegionCode

Description: This table describes the DEQ Region code, from the Agency table:

- HQ – Headquarters
- W – Western
- NW – Northwest
- E – Eastern

ReleaseComments

Description: This table describes the Release of some Substance at a Site. There may be various types of these Comments (including: data sources, usage, release, containment, etc.).

ReleaseCommentCode

Description: This table describes the various types of Release Comments:

- DSRC = Data Sources
- GCOM = General Comments
- MDCM = Medium Contamination Footnote
- RLFT = Release Containment

SamplingResult

Description: This table describes the presence of hazardous substances in soil, groundwater, surface water, sediment, air, leachate, sludge, or “other,” usually as a result of discrete sampling events. It may also hold summary data or concentration ranges of samples taken over a period of time. ***This table does not necessarily contain all sampling data that DEQ may be aware of at a Site, and may not have data from recent sampling events.*** Observation, Owner/Operator Admission, and Laboratory Data Indicators are held here for Release Verification, because Oregon rules require a Site to be listed on the Confirmed Release List or Inventory of Hazardous Substance Sites under any of these three circumstances.

Site

Description: A Site refers to the geographic location of concern (hazardous release, spill, etc.) for DEQ’s Cleanup Program, and consists of one or more parcels of land with distinct tax lots or legal descriptions. This table contains a variety of information, including Site ID, name, address, lat/long, township/range/section, size, Investigative Status, DEQ-assigned priority for further action, and other general Site data.

SiteAlias

Description: This table holds other names used to reference a Site.

SiteControl

Description: General information about Institutional/Engineering Controls recorded at a Site, such as deed restrictions, groundwater use controls, or caps over contaminated soil.

SiteControlDesc

Description: Specific Institutional or Engineering Controls recorded at a Site.

SiteControlGroup

Description: The categories of Institutional or Engineering Controls recorded at a Site.

SiteControlType

Description: The specific type(s) of Institutional or Engineering Control(s) recorded at a Site.

StudyAreaSite

Description: For those Sites within a Study Area, this table holds the additional information of the Site's Association Date and Investigative Status with respect to the Study Area, i.e., the date DEQ added the Site to the Study Area, and whether DEQ believes the Site is affecting the Study Area. When DEQ determines that the Site is not affecting the Study Area, the Site's Investigative Status relative to the Study Area is not physically deleted, but set to "XNF." (See the **AssociationStatusCode** table above for Investigative Status definitions.)

Substance

Description: This table describes a hazardous substance release into the environment at a Site. The table includes identifying codes for chemicals or waste products, usually the CAS number assigned by the Chemical Abstract Service. Certain substances may be defined by program activities within DEQ that do not have CAS codes, but instead have unique DEQ-assigned codes (e.g., "petroleum hydrocarbons").

SubstanceAlias

Description: This table uniquely identifies alternate names used to describe a specific substance.

SubstanceCategory

Description: This table uniquely identifies substance categories.

Substance_SubstanceCategory

Description: This table relates substance categories to a substance.