

# Ecological Site Assessment

## Basic Site Information Checklist

<b>General Site Information</b>
<b>ECSI File No. or LUST File No.:</b>
<b>Site Name:</b>
<b>Site Location (address, city, and/or county):</b>
<b>Latitude/Longitude or other location documentation for site:</b>
<b>Current and Historical Site Use (gas station, dry cleaner, jet hangar, etc.) <sup>1</sup>:</b>
<b>Zoning:</b>
<b>Site<sup>2</sup> Features:</b>
<b>Chemicals of Interest<sup>3</sup>:</b>
<b>Site Conditions-Provide Approximate Areas (acreage or square feet)</b>
<p>These habitats may occur in a range of natural and protected areas, including parks and green space found within urban areas. More information and habitat classification can be found at: <a href="https://oregonexplorer.info/content/classification-wildlife-habitats">https://oregonexplorer.info/content/classification-wildlife-habitats</a></p> <p><b>Site Adjacent to Site</b></p> <p><b>Terrestrial Open Habitat / Grasslands:</b> Dominated by short to medium-tall grasses, low to medium shrubs, or bare soil.</p> <p><b>Forest or Woodland Habitats:</b> Woodlands (maple, alder, aspen), conifer forest (Douglas fir, hemlock, cedar, spruce), mixed-woodland, juniper, pine (ponderosa, lodgepole).</p> <p><b>Wetland<sup>4</sup>:</b> May be either tidal or non-tidal wetlands with emergent herbaceous plants.</p> <p><b>Riparian Zone:</b> Patches or linear strips of land adjacent to waterbodies (rivers, streams, waterbodies), or on nearby floodplains and terraces. May be impacted by periodic riverine flooding or perennial flowing water. May or may not also contain</p>

wetlands.

**Aquatic Open Water: Ponds, lakes, reservoirs, rivers, creeks, streams, bays estuaries, and nearshore marine and intertidal.**

**Impermeable Surface: Pavement, structures.**

### Documentation

- **Aerial Site Vicinity Map(s) identifying zoning and Site features. Include topographic map.**
- **Summarize known or potential contaminated soil, groundwater, migration pathways.**
- **Figure illustrating source/release areas, sample locations, estimated areas of contamination, and surface features such as pavement, stormwater catch basins/drainage system including outfalls, dry wells or stormwater swales.**
- **Aerial Map showing habitat types described above both within and adjacent to the Site by at**

**least 1/4 mile from Site boundary. Definitions and tools<sup>5</sup> for identifying wetlands include:**

<https://www.oregon.gov/dsl/WW/Pages/Inventories.aspx>

[http://tools.oregonexplorer.info/oe\\_map\\_viewer\\_2\\_0/viewer.html?Viewer=orwap](http://tools.oregonexplorer.info/oe_map_viewer_2_0/viewer.html?Viewer=orwap)

**National Wetlands Inventory: <https://www.fws.gov/wetlands/Data/Mapper.html>**

Checklist Completed By:

(name and title/expertise)

Date:

<sup>1</sup> Include contaminant management, treatment, storage or disposal and areas where a release may have occurred. Historical sources should be identified using sources of information which help in identifying current or past uses or occupants of a site including aerial photographs, fire insurance maps, property tax files, recorded land title records, United States Geological Survey (USGS) 7.5 minute topographic maps, local street directories, building department records, zoning or land use records. Any previous site assessments, environmental assessments or studies should be summarized

<sup>2</sup> Facility or Site (OAR 340-122-0115(26)) means any building, structure, installation, equipment, pipe or pipeline including any pipe into a sewer or publicly owned treatment works, well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, above ground tank, underground storage tank, motor vehicle, rolling stock, aircraft, or any site or area where a hazardous substance has been deposited, stored, disposed of, or placed, or otherwise come to be located and where a release has occurred or where there is a threat of a release, but does not include any consumer product in consumer use or any vessel.

<sup>3</sup> A COI list should include chemicals that are detected or are suspected to be present based on historical and current operations. For Stage 1, the site-specific history of hazardous substance uses and releases is usually the source of potential chemical information. Identify hazardous substances that have the potential to bioaccumulate in Section C2 of Attachment 1.

<sup>4</sup> Covered Under Oregon Statewide Wetlands Inventory (ORS 196.674)

<https://www.oregon.gov/dsl/WW/Pages/SWI.aspx>

<sup>5</sup> Information shown on the Local Wetland Inventory maps is for planning purposes only, as wetland information is subject to change. There may be unmapped wetland and waters subject to regulation and all wetlands and waters boundary mapping is approximate. In all cases, actual field conditions determine the presence, absence and boundaries of wetlands and waters.