

Current Definitions in WAC 173-350:

- "Clean soils and clean dredged material" means soils and dredged material which are not dangerous wastes, contaminated soils, or contaminated dredged material as defined in this section.
- "Contaminant" means any chemical, physical, biological, or radiological substance that does not occur naturally in the environment or that occurs at concentrations greater than natural background levels.
- "Contaminated dredged material" means dredged material resulting from the dredging of surface waters of the state where contaminants are present in the dredged material at concentrations not suitable for open water disposal and the dredged material is not dangerous waste and is not regulated by section 404 of the Federal Clean Water Act (P.L. 95-217).
- "Contaminated soils" means soils removed during the cleanup of a hazardous waste site, or a dangerous waste facility closure, corrective actions or other clean-up activities and which contain harmful substances but are not designated dangerous wastes.

Definitions originally adopted in WAC 173-350:

- "Clean soils and clean dredged material" means soils and dredged material that do not contain contaminants at concentrations which could negatively impact the existing quality of air, waters of the state, soils, or sediments; or pose a threat to the health of humans or other living organisms.
- "Contaminated soils and contaminated dredged material" means soils and dredged material that contain contaminants at concentrations which could negatively impact the existing quality of air, waters of the state, soils or sediments, or pose a threat to the health of humans or other living organisms.

Suggested:

- "Soil" = ONLY natural, native material that contains incidental amounts of organic material.
- "Natural" = Containing NO manmade materials or contaminants.
- "Native" = Material deposited in place by natural means (does NOT include fill).
- "Incidental amounts" = Likely a small percentage, like 1-5%, consisting of organic materials, such as branches and leaves, left on the ground after clearing, grading, and subsequent clean-up.

More on soil:

- "Soil" means ~~unconsolidated earth material composing the superficial geologic strata (material overlying bedrock), consisting of clay, silt, sand, or gravel size particles as classified by the U.S. Natural Resources Conservation Service, or a mixture of such materials with liquids, sludges or solids which is inseparable by simple mechanical removal processes and is made up primarily of soil by volume based on visual inspection. Any deliberate mixing of prohibited hazardous waste with soil that changes its treatment classification (i.e., from waste to contaminated soil) is not allowed under the dilution prohibition in § 268.3 (40 CFR 268.2 Solid Waste, Land Disposal Restrictions).~~
- "Soil" means a mixture of organic and inorganic solids, air, water, and biota that exists on the earth's surface above bedrock, including materials of anthropogenic sources such as slag, sludge, etc. [Does not acknowledge a limited amount of non-soils]
- "Soil biota" means invertebrate multicellular animals that live in the soil or in close contact with the soil. (WAC 173-340 MTCA)

Tier 2 exclusions (contains contaminants, but certain amounts/uses okay)

Uses that will be excluded from the need to obtain a solid waste permit:

- Manufactured topsoil when used for purposes of promoting plant growth, such as in establishing a lawn or garden.
 - Definition of man. topsoil to exclude additives that do not improve the topsoil, but will allow additives that improve quality of it. Good – compost. Bad – ground asphalt roofing shingles.
 - Would not allow use as fill.
- Street waste meeting contaminant limits and used in a manner that corresponds to those contaminant limits in Appendix XXX.
- PCS meeting contaminant limits and used in a manner that corresponds to those contaminant limits in Appendix XXX.
- Soils used on sites containing contaminant limits of equal or greater levels.
 - Would not allow use on sites that need to undergo cleanup.
- Soils used/placed back at the site of generation, provided materials were not added to soils during the project.
- Soils used for engineering properties as certified by an individual licensed to practice engineering licensed in the state of WA
- Soils under XXX cubic yards????
- Soils not known or suspected to contain contaminants????

Representative Sampling/Soil Characterization

Stormwater Manuals (street waste):

Cubic Yards	Samples
0-100	3
101-500	5
501-1000	7
1001-2000	10
>2000	10+1 for each added 500 cy

PCS Guidance:

Cubic Yards	Samples
0-100	2
101-1000	3
1001-50,000	5
50,001-100,000	10
>100,000	10+1 for each added 50,000 cy

Tacoma-Pierce County Health:

Cubic Yards	Samples
0-25	2
26-100	3
101-500	5
501-1000	7
1001-2000	10
>2000	10+1 for each added 500 cy