

# REDACTED

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**From:** THOMAS Wesley \* DEQ <Wesley.THOMAS@deq.oregon.gov>

**Sent:** Thursday, February 9, 2023 12:57 PM

**To:** Wyatt, Robert <robert.wyatt@nwnatural.com>; Benjamin Uhl <buhl@anchorqea.com>

**Cc:** Patricia Dost <pdost@pearllegalgroup.com>; Ryan Barth <rbarth@anchorqea.com>; Tim Stone <tstone@anchorqea.com>; Rob Ede <robe@hahnenv.com>; Parker, Traci <traci.parker@siltronic.com>; Jen Mott <jmott@anchorqea.com>; Halah Voges <hvoges@anchorqea.com>; BATES Zebuliah \* DEQ <Zebuliah.BATES@deq.oregon.gov>; SEIDEL Paul \* DEQ <Paul.SEIDEL@deq.oregon.gov>; OBRIEN Audrey \* DEQ <Audrey.OBRIEN@deq.oregon.gov>

**Subject:** RE: NW Natural: Request for No Longer Contained-In Determination - Upland FS DNAPL Data Gaps Investigation-Derived Waste

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All,

DEQ has reviewed NW Natural's request for a "No Longer Contained-In Determination" (NLCI Determination) for soil investigative derived waste (IDW) generated during the Upland Feasibility Study DNAPL Data Gaps Investigation field activities. We appreciate the completeness of the information contained within the request. Based on the information provided, DEQ has made a NLCI Determination for the soil IDW represented by the composite sample containing low-level concentrations of trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE). The attached memo provides the basis for the NLCI Determination.

The IDW subject to this NLCI Determination may be disposed of at a permitted Subtitle C or Subtitle D landfill. DEQ has previously allowed IDW to be disposed of at the Hillsboro landfill following chemical characterization, determination by the generator that the IDW is not a Hazardous Waste or Special Waste, DEQ approval of the disposal, and acceptance of the material by the landfill. We extend these provisions to the soil IDW generated during the Upland Feasibility Study DNAPL Data Gaps Investigation field activities. NW Natural should contact the applicable landfill facility(ies) to verify that they are willing to accept these wastes. If the IDW is not managed and disposed of following these conditions of approval, the attached NLCI Determination does not apply.

Please reach out if you have any questions related to this matter.

Wes

**Wesley Thomas, P.E.**

Project Manager/Environmental Engineer

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**From:** Jen Mott <[jmott@anchoragea.com](mailto:jmott@anchoragea.com)>

**Sent:** Wednesday, January 4, 2023 2:40 PM

**To:** THOMAS Wesley \* DEQ <[Wesley.THOMAS@deq.oregon.gov](mailto:Wesley.THOMAS@deq.oregon.gov)>

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Benjamin Uhl <[buhl@anchoragea.com](mailto:buhl@anchoragea.com)>

**Subject:** NW Natural: Request for No Longer Contained-In Determination - Upland FS DNAPL Data Gaps Investigation-Derived Waste

Wes,

The following email is provided on behalf of Ben Uhl.

Hi Wes,

Please find the attached letter requesting a “No Longer Contained In Determination” for soil waste generated during soil boring installations within the Gasco Operable Unit (OU). The work was performed to obtain supplemental data needed to support the upland Feasibility Study. All work was performed in accordance with the approved *Revised Upland Feasibility Study DNAPL Data Gaps Investigation Work Plan*.

As described in the letter, trace concentrations of trichloroethene (TCE) and cis-1,2-dichloroethene (DCE) were detected in one of the four composite investigative-derived waste (IDW) characterization samples. The detected concentrations of TCE and cis-1,2-DCE are well below DEQ May 2018 RBCs for Occupational Exposure by Ingestion, Dermal Contact, and Inhalation used for evaluating the applicability of an F002 waste code for soil IDW. The IDW meets the criteria for no longer containing listed waste, and NW Natural requests a “No Longer Contained-In Determination” from DEQ to confirm the classification of this IDW as nonhazardous waste.

Though not material to this "No Longer Contained-In" request, for DEQ's information we are also providing laboratory data establishing that IDW from the DNAPL data gaps event does not exhibit the toxicity characteristic.

Please do not hesitate to let me know if you would like to discuss.

Regards,

-Ben.

**Ben Uhl, RG, LG**

Senior Geologist

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