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**From:** Rob Ede <robe@hahnenv.com>

**Sent:** Wednesday, September 13, 2023 10:21 AM

**To:** THOMAS Wesley \* DEQ <wesley.thomas@deq.oregon.gov>

**Cc:** Tim.Murphy@nwnatural.com; Raspone, Corey <corey.raspone@nwnatural.com>; Greg.Landau@ccilt.com; Bob Wyatt <rjw@nwnatural.com>; Patricia Dost <pdost@pearllegalgroup.com>; Ryan Barth <rbarth@anchorqea.com>; Tim Stone <tstone@anchorqea.com>; Halah Voges <hvoges@anchorqea.com>; Byrd, William <wbyrd@sevenson.com>; Crystal, Mike <mdcrystal@sevenson.com>; Jen Mott <jmott@anchorqea.com>

**Subject:** Portland LNG Compressor Equipment Foundation Needs, Gasco

Hi Wes,

At the request of NW Natural, I'm forwarding a geotechnical evaluation report documenting foundation needs for proposed new screw compressor and water / glycol cooler equipment at the Portland LNG facility, which operates at the Former Gasco Manufactured Gas Plant (MGP) Operable Unit (OU). Based on soil conditions, environmental contamination, access limitations, vibration considerations, and structure type, the geotechnical evaluation concludes that a mat foundation on driven pipe piles is the most favorable support for the proposed Compressor Equipment.

Measures have been incorporated into the design to mitigate the potential for contaminant drag-down or conduit creation between the Fill WBZ and the underlying Alluvium WBZ as part of this foundation work as described in the attached. NW Natural would like to proceed with the planned foundation preparation work once all required city permitting is complete and is requesting DEQ concurrence to proceed with the mitigation measures described in this letter as part of that work.

Please feel free to be in touch with any questions or to discuss.

Thank you!

-Rob

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