



# Oregon

Northwest Region

Kate Brown, Governor

## Department of Environmental Quality

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August 17, 2018

Chuck Anderson  
Mutual Materials Company  
605 119<sup>th</sup> Ave NE  
Bellevue, WA 98005  
[canderson@mutualmaterials.com](mailto:canderson@mutualmaterials.com)

### **RE: Beneficial Use Determination (BUD-20180312), Mutual Materials Company**

Dear Mr. Anderson:

The Department of Environmental Quality (DEQ) has reviewed the March 12, 2018 application for a solid waste beneficial use determination (BUD) for material generated at two Mutual Materials facilities during the manufacture of clay and concrete brick. The application requests that Mutual Materials be able to beneficially use industrial inert waste offsite as road base course and/or construction backfill and in the production of aggregate material for reuse as road base courses, construction backfill materials, or as a raw material in the production of concrete, recyclable cement, mortar, or wall materials. The two Mutual Materials facilities included in this BUD are: 2300 Southeast Hogan Road in Gresham, Oregon and 16800 Southeast 130<sup>th</sup> Avenue in Clackamas, Oregon.

The material consists of raw clay, clay and concrete brick, clay grog, and concrete debris. This material is generated during manufacturing processes and stockpiled onsite. Mutual Materials would provide the material for offsite use. According to the application, any modification to the material (such as crushing) would occur offsite in the production of aggregate.

DEQ has determined that the beneficial use proposal meets the requirements for a case-specific Beneficial Use Determination (BUD) under Oregon Administrative Rule (OAR) 340-093-0260 through 340-093-0290. This BUD is issued to Mutual Materials and is limited to the materials, approved uses, and conditions specified in Table 1. The conditions of the BUD are intended to prevent adverse effects to human health and the environment.

DEQ's determination is based on a review of Mutual Material's application for beneficial use of soil from the Gresham and Clackamas facilities, demonstrating the case-specific beneficial use performance criteria outlined in OAR 340-093-0290 are met for the approved uses. Details of DEQ's review are provided in the attached case-specific evaluation report.

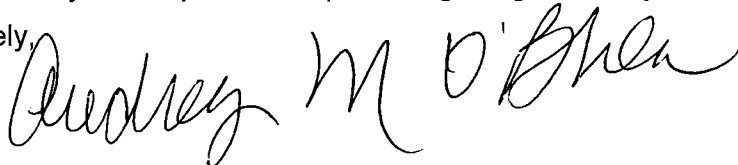
Per OAR 340-093-0290(9), DEQ may modify or revoke this case-specific BUD at any time based on new information showing the potential to cause adverse impact to public health, safety, welfare, or the environment.

Table 1

Material	Beneficial Use	Conditions on all Uses
Clay, clay and concrete brick, clay gros, concrete brick debris	Aggregate material, road base, construction fill	<ol style="list-style-type: none"> <li>1. Material must be managed onsite to prevent windblown dust, runoff and erosion at all times.</li> <li>2. Mutual Materials must not stockpile new material for beneficial reuse for more than six months.</li> <li>3. Organic matter must be removed from the material before it is reused.</li> <li>4. Material use must comply with all applicable federal, state, and local regulations.</li> </ol>

If you have any questions or concerns please contact Heather Kuoppamaki (DEQ project manager) by phone at (503) 229-5125, or email at [kuoppamaki.heather@deq.state.or.us](mailto:kuoppamaki.heather@deq.state.or.us). DEQ appreciates your cooperation in protecting Oregon's environment.

Sincerely,



Audrey O'Brien, Manager  
Northwest Region Environmental Partnerships

Enclosure: Beneficial Use of Solid Waste Determination Evaluation Report

Cc: Heather Kuoppamaki, DEQ NWR, [kuoppamaki.heather@deq.state.or.us](mailto:kuoppamaki.heather@deq.state.or.us) **mailto:**