



## WEBER-MORGAN HEALTH DEPARTMENT

GARY M. HOUSE, M.P.H.  
Health Officer / Director

December 19, 2013

Division Directors  
KAY LARRISON, Administration  
CLAUDIA PRICE, Nursing & Health Promotion  
LOUIS K. COOPER, Environmental Health  
COLLEEN JENSON, WIC

Weber County Planning Commission  
2380 Washington Blvd.  
Ogden, UT 84401

RE: The Sanctuary Subdivision, Lots 7 & 8  
1225 Maple Drive, Huntsville  
Parcel #21-001-0008

Gentlemen:

Our office has received request for septic feasibility approval on two additional lots in The Sanctuary subdivision. These lots lie within Zone 2 of Greenhill Water District. The Division of Drinking Water has determined that packed-bed media systems meet the definition of an adequately controlled potential contamination source and when operating properly prevent contaminated discharges. Please refer to the attached letter dated December 16, 2013 from James Martin of the Division of Drinking Water for clarification. Our office has evaluated the absorption areas of the proposed lots and would recommend continuation with the amended planning application.

Culinary water will be provided by private wells. The placement of the each well is critical so as to provide the required 50 foot protection zone around the well. Each well will need to be dug, tested and the water supply approved prior to issuance of a wastewater disposal permit. The following parameters may be used for system design.

### Design Requirements Lots 7 & 8:

Placement of a Packed-Bed Media waste treatment system with a Standard absorption area would be appropriate on these lots. Absorption area shall be sized at a maximum hydraulic loading rate of 0.60 gal/ft<sup>2</sup>/day and the trench depth is not to exceed 24 inches. **Documentation showing the Deed Covenant and Restriction is recorded will be required before a permit will be issued.**

### Design Requirements Lots 1-6:

Design parameters were defined in a previous letter dated August 30, 2011. Although our office will recognize that letter as approval for design on those lots, lots 1-6 also lie within Zone 2 of Greenhill Water District. We strongly recommend that these also utilize a Packed-Bed Media waste treatment system.

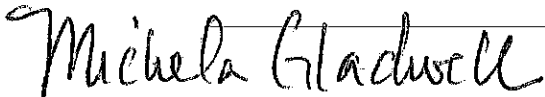
Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit. All subdivision plats submitted for review are to show the location of exploration pits and percolation tests. Key number or letter designation will be provided by this office along with logs of soil horizons and final percolation rates. Mylars submitted for signature without this information

will be returned.

Each on-site individual wastewater disposal system must be installed in accordance with R317-501 through R317-513, Utah Administrative Code, Individual Wastewater Disposal Systems and Weber-Morgan District Health Department Rules. Final approval will be given only after an on-site inspection of the completed project and prior to the accomplishment of any backfilling.

Please be advised that the conditions of this letter are valid for a period of 18 months. At that time the site will be re-evaluated in relation to rules in effect at that time.

Sincerely,

A handwritten signature in black ink that reads "Michela Gladwell". The signature is written in a cursive style and is positioned above a horizontal line that spans the width of the page.

Michela Gladwell, LEHS  
Environmental Health Division  
801-399-7160

Enclosure: Division of Drinking Water letter



State of Utah

GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

Department of  
Environmental Quality

Amanda Smith  
Executive Director

DIVISION OF DRINKING WATER  
Kenneth H. Bousfield, P.E.  
Director

December 16, 2013

Sean Wilkinson, Planner  
Weber County Planning Division  
2380 Washington Blvd, Suite 240  
Ogden, Utah, 84401-1473

Subject: Packed bed media waste water systems

Dear Mr. Wilkinson,

Thank you for the request for clarification regarding whether packed bed media waste water systems, when operated in compliance with rules, regulations, or design criteria, prevent contaminated discharge. As long as the packed bed media waste water systems are operated in compliance with regulatory requirements they prevent contaminated discharge.

Please contact me at 801-536-4494, or via e-mail at [jhmartin@utah.gov](mailto:jhmartin@utah.gov) if you have any questions regarding this letter.

Sincerely,

James H. Martin, M.S., P.G.  
Administrative Services Section  
Division of Drinking Water

cc: Louis Cooper, Weber-Morgan Health Dept.; [lcooper@co.weber.ut.us](mailto:lcooper@co.weber.ut.us)  
Tim Charlwood; [timcharlwood@gmail.com](mailto:timcharlwood@gmail.com)