



October 22, 2014

Mr. Darren Parkin
City of Laramie
406 Ivinson Avenue
Laramie, WY 82070

RE: Technical Review of Ivinson Memorial Hospital Parking Area Site-Specific Investigation Report

Dear Mr. Parkin:

As requested by the City of Laramie (City), Trihydro Corporation (Trihydro) performed a technical review of the Site Specific Geologic and Hydrogeologic Investigation (SSI) Report for the Ivinson Memorial Hospital Parking Area dated October 6, 2014. Trihydro's technical review provides the City with a professional opinion regarding the accuracy and validity of the information and conclusions provided by WWC Engineering. (WWC).

The subject property is located in Section 35, T16N, R73W and within the Aquifer Protection Overlay (APO) zone as delineated in the Laramie Municipal Code. Consequently, the proposed development requires an SSI.

Technical Review of the SSI Report

In general, the information presented in the SSI report appears to be accurate and clear. The report is well-organized and addresses the information required by the Aquifer Protection Ordinance (17.82.080). The maps provide support to the information provided in the report.

Professional Opinion Regarding Impacts to the Casper Aquifer

Based on information provided in the report, Trihydro agrees with the conclusion provided by WWC that the proposed development to be a low risk to contaminating the Casper Aquifer. The information relevant to this conclusion includes the following:

1. There is more than 75 feet of Satanka Shale overlying the Casper Aquifer at the subject property. This determination is based on the proximity of the calculated 75-foot line of Satanka Shale to the subject property.
2. WWC's recommendation for surface water runoff from the paved surfaces of the proposed parking area to be captured in storm water detention ponds west of the parking area.



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3. Potential contaminants that may be present on the property are those from vehicles parked on the site, such as oil, gasoline, and antifreeze. These contaminants should be contained in the vehicles.

If you have questions regarding the report or need further information, please call me (307) 745-7474.

Sincerely,
Trihydro Corporation

Ryan Athey, P.G.
Project Manager

415-018-001