



December 8, 2016

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

RE: Technical Review of LCCC Classroom Additions 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 Investigation (SSI) Report for the Laramie County Community College Albany County Campus Classroom Additions dated November 2016. 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 proposed development is located in Section 2, T15N, R73W and within the Aquifer Protection Overlay (APO) zone as delineated in the Laramie Unified Development Code (UDC). 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 Chapter 15.08.040A of the UDC. The maps support 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 additions present low risk to contaminating the Casper Aquifer. The information relevant to this conclusion includes the following:

1. Vulnerable features other than the four wells located on the property are not located within 100 feet of the proposed development. The wells are in good condition with competent surface seals and caps to prevent infiltration of potential contaminants at the wellhead.
2. There is more than 75 feet of Satanka Shale overlying the Casper Aquifer in the construction area. This determination is based on the thickness of Satanka Shale (at least 114 ft) observed in the four wells located on the property.



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3. Potential contaminants will be stored and used inside the building. The potential contaminants are generally classified as cleaning materials and of low toxicity or low quantity. Other chemicals will be used in the laboratory, but stored in other parts of the building. These will also be in small quantities and of low toxicity.
4. The proposed building modifications will not change the footprint of the existing building. Therefore, the building modifications will not alter drainage patterns or quantities.

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

415-032-001

