



July 7, 2023

By email: mvanarsdell@co.teton.id.us

Mitzi Van Arsdell
Teton County P&Z
150 Courthouse Drive Rm 107
Driggs, ID 83422

Re: Teton County, Skyline View Ranch Water Quality Impact Analysis Nutrient/Pathogen (NP) Evaluation. DEQ # 23-16-41

Dear Mrs. Arsdell

Teton County has required the preparation of a Water Quality Impact Analysis (NP Evaluation) for the proposed development pursuant to the Teton County Subdivision Ordinance. Teton County has requested DEQ review the NP Evaluation. This letter contains DEQ's comments and recommendations regarding the NP Evaluation. This letter does not constitute an approval, license, permit or any other form of authorization required by law. The comments and recommendations contained in this letter are provided to Teton County for its consideration in reviewing the development pursuant to Teton County law. This letter reflects DEQ's opinion, based upon the information and analysis in the **June 30, 2023**, NP Evaluation, regarding whether the discharges from wastewater systems for the proposed development will comply with the Idaho Ground Water Rule and Idaho Water Quality Standards.

After our review of the NP evaluation DEQ has the following comments:

1. Reference, Nitrate goal for mass balance spread sheet: The nitrate goal for the mass balance spread sheet should be listed as 1 mg/l above the background nitrate value identified in the spread sheet. Change the nitrate goal value to be 6.0 mg/l.
2. Reference Page 4, 3rd Paragraph, Last Sentence: A reference of 225 ft/day for the hydraulic conductivity is made, which is not consistent with the value used in the mass balance spread sheet or model. Change this sentence to match the spread sheet value to 80 ft/day.
3. Page 5, 1st paragraph, 2nd to last sentence: Delete reference to 50 feet set back from leach field to surface waters. Change sentence to match the required set back required base on soil type found in Subsurface Disposal Rule IDAPA 58.01.03.008.02.d (100-300 feet based on soil types either A, B, or C).

If you have any questions regarding this letter or if we can be of further assistance, please call (208) 528-2650.

Sincerely,

A handwritten signature in blue ink, appearing to read "William Teuscher".

William Teuscher PE
Water Quality Engineer
Idaho Falls Regional Office

2023AFM1002

C: Kathleen Price, EIHD, KPrice@eiph.idaho.gov
Philip Gyr PE, Nelson Engineering, pgyr@nelsonengineering.net



July 11, 2023

By email: mvanarsdell@co.teton.id.us

Mitzi Van Arsdell
Teton County P&Z
150 Courthouse Drive Rm 107
Driggs, ID 83422

Re: Teton County, Skyline View Ranch Revised Water Quality Impact Analysis Nutrient/Pathogen (NP) Evaluation. DEQ # 23-16-41

Dear Mrs. Arsdell

Teton County has required the preparation of a Water Quality Impact Analysis (NP Evaluation) for the proposed development pursuant to the Teton County Subdivision Ordinance. Teton County has requested DEQ review the NP Evaluation. This letter contains DEQ's comments and recommendations regarding the NP Evaluation. This letter does not constitute an approval, license, permit or any other form of authorization required by law. The comments and recommendations contained in this letter are provided to Teton County for its consideration in reviewing the development pursuant to Teton County law. This letter reflects DEQ's opinion, based upon the information and analysis in the revised **July 7, 2023**, NP Evaluation, regarding whether the discharges from wastewater systems for the proposed development will comply with the Idaho Ground Water Rule and Idaho Water Quality Standards.

After our review of the revised NP evaluation DEQ concurs with the finding of the report. The NP evaluation has indicated that there will not be significant degradation to the ground water or surface water from the individual subsurface disposal systems if construction per the current *Individual Subsurface Sewage Disposal Rules IDAPA 58.01.03 and the Technical Guidance Manual*.

The East Idaho Public Health will need to verify compliance with the Rules for Individual Subsurface Disposal Systems IDAPA 58.01.03 and the Technical Guidance Manual (TGM) requirements when issuing the subsurface disposal permits. All separation distances and effective soil depths will need to be met.

If you have any questions regarding this letter or if we can be of further assistance, please call (208) 528-2650.

Sincerely,

A handwritten signature in black ink, appearing to read "William Teuscher". The signature is fluid and cursive, written over a light blue horizontal line.

William Teuscher PE
Water Quality Engineer
Idaho Falls Regional Office

2023AFM1002

C: Kathleen Price, EIHD, KPrice@eiph.idaho.gov
Philip Gyr PE, Nelson Engineering, pgyr@nelsonengineering.net