

**Department of Environmental Quality
Permitting & Compliance Division
Public Water & Subdivision Bureau / Subdivision Section
Environmental Assessment**

Name of Project: Grouse Mountain Amended Lot 8-B **Type of Project:** Subdivision E.Q. #10-1260
Location of Project: Sec. 3, T18N, R25W **County:** Sanders

Description of Project: 2 Lot Subdivision. *Served by onsite water supply and onsite sewage disposal.*
Summary of Issues: *Include issues and concerns / resource conflicts identified by staff and the public.*

Affected Environment & Impacts of the Proposed Project:

Key: Summarize impacts as follows: NA - Not applicable, N - No impact, B - potentially beneficial impact, A - potentially adverse impact, M mitigation required, P - additional permits required (when additional DEQ permits are required, this review must be coordinated between bureaus)

Under Comment below include frequency, duration (long or short term) magnitude (quantify or qualify) and context for any impacts identified (Each category includes a tickler list of items to consider - this does not mean each one needs to be addressed. Rather, if an issue related to that topic has been raised then provide some additional information. Address impacts related to issues and concerns. Identify reasonable feasible mitigation measures where significant impacts could be avoided and note impacts which are irreversible, irretrievable. Relate discussion to issues. Include background information on affected environment if necessary to discussion. Utilize negative declarations where appropriate (wetlands, T&E, Cultural Resources)

Key	PHYSICAL AND BIOLOGICAL ENVIRONMENT
N	1. Soil Suitability, Topographic and/or Geologic Constraints (soil moisture, unstable soils or geologic conditions, steep slopes, erosion potential, subsidence potential, seismic activity) COMMENTS AND SOURCE OF INFORMATION: SOILS ARE SUITABLE FOR ON-SITE SYSTEMS. NO UNSTABLE OR STEEP SLOPES.
NA	2. Hazardous Facilities (power lines, hazardous waste sites, distances from explosive and flammable hazards including chemical/petrochemical storage tanks, underground fuel storage tanks and related facilities such as natural gas storage facilities and propane tanks) COMMENTS AND SOURCE OF INFORMATION: NO NATURAL OR MAN MADE HAZARDS IN THE AREA.
A	3. Air Quality (effects to and from project, dust, odors, emissions) COMMENTS AND SOURCE OF INFORMATION: ONLY DURING CONSTRUCTION ON HOMES AND DRIVEWAY
A	4. Groundwater Resources & Aquifers (quality/nondegradation, quantity/reliability, distribution, uses/rights, # of aquifers, mixing zones): AQUIFER IS SUFFICIENT FOR THE ADDITION OF TWO HOMES. NONDEGRADATION HAS BEEN APPROVED.
N	5. Surface Water Resources (quality/nondegradation, quantity/reliability, distribution, uses/rights, stormwater controls, source of community supply, community treatment, mixing zones) COMMENTS AND SOURCE OF INFORMATION: SURFACE WATER WILL NOT BE USED AS A POTABLE WATER SOURCE. PHOSPHORUS BREAKTHROUGH IS GREATER THAN 50 YEARS. STORMWATER SWALE WILL BE CONSTRUCTED TO MITIGATE RUNOFF.
A	6. Vegetation and Wildlife species and habitats, including fisheries and aquatic resources (threatened, endangered, sensitive species, prime habitat, population stability, potential for human wildlife conflicts, effectiveness of postdisturbance plans) COMMENTS AND SOURCE OF INFORMATION: NO ADVERSE EFFECT ON VEGETATION AND WILDLIKE SPECIES. PREVIOUS SETTLEMENT HAS ALREADY IMPACED WILDLIFE. THERE WILL BE INCREASED PREDATION BY DOMESTIC PETS ON BIRDS AND ALL MAMMALS.
N	7. Unique, Endangered, Fragile, or Limited Environmental Resources (biologic, topographic, wetlands (within 1 mile), floodplains (within 1 mile), scenic rivers, natural resource areas, etc) COMMENTS AND SOURCE OF INFORMATION: NONE HAVE BEEN IDENTIFIED.
A	8. Land Use (Waste disposal, Agricultural Lands (grazing, cropland, , forest lands, prime farmland), Recreational Lands (waterways, parks, playgrounds, open space, federal lands), Access, Commercial and Industrial Facilities (production & activity, growth or decline), Growth, land use change, development activity) COMMENTS AND SOURCE OF INFORMATION: NO ADVERSE EFFECTS ON AGRICULTURE SINCE LAND HAS ALREADY BEEN DEVELOPED WITH SINGLE FAMILY HOMES. LAND IS NOT IRRIGATED; NO ADVERSE AFFECTS ON WATER USERS FACILITIES.
NA	9. Historical, Cultural, & Archeological (sites, facilities, uniqueness, diversity) COMMENTS AND SOURCE OF INFORMATION: NONE HAVE BEEN IDENTIFIED.
NA	10. Aesthetics (visual quality, nuisances, odors, noise) COMMENTS AND SOURCE OF INFORMATION:
A	11. DEMANDS ON/ CHANGES IN ENVIRONMENTAL RESOURCES INCLUDING LAND, WATER, AIR OR ENERGY USE (need for new or upgraded energy sources, potential for recycling, etc) (See #8, #4, #5) COMMENTS AND SOURCE OF INFORMATION: NO ADVERSE DIRECT IMPACT ON LAND, WATER, AIR OR ENERGY USE IS ANTICIPATED. THE USE OF WOOD BURNING COULD AFFECT AIR QUALITY DURING INVERSIONS IN THE WINTER.

Key	IMPACTS ON THE HUMAN POPULATION
N	12. CHANGES IN DEMOGRAPHIC CHARACTERISTICS (population quantity, distribution and density, rate of change) COMMENTS AND SOURCE OF INFORMATION: LAND IS CURRENTLY USED AS SINGLE FAMILY HOMES. LITTLE CHANGE WITH THE ADDITION OF ONE SINGLE FAMILY HOME.
B	13. General Housing Conditions (quality, quantity and affordability) COMMENTS AND SOURCE OF INFORMATION: NOT KNOWN AS TO THE COST OF THE HOMES.
N	14. Potential for Displacement or Relocation of Business or Residents COMMENTS AND SOURCE OF INFORMATION: NONE. THIS PARCEL IS VACANT.
N	15. Public Health and Safety (Medical services and facilities, Police, Fire Protection & Hazards (see #2), Emergency Medical Services, (see land use for waste disposal)) COMMENTS AND SOURCE OF INFORMATION: WILL IMPACT THE PROVISION OF EMERGENCY MEDICAL SERVICES. EMERGENCY SERVICES ARE PROVIDED BY VOLUNTEER AGENCIES. CURRENTLY NO ESTABLISHED MEASNS TO MITIGATE THE PERSONNEL IMPACTS TO VOLUNTEER AGENCIES. PROPERTY IS NOT PART OF A RURAL FIRE DISTRICT. WILDLAND FIRE PROTECTION IS PROVEDED BY EITHER THE FOREST SERVICE OR THE MONTNATA DEPARTMENT OF NATURAL RESOURCES.
B	16. Local Employment and Income Patterns (quantity and distribution of employment, economic impact) COMMENTS AND SOURCE OF INFORMATION: NOT KNOWN AS TO THE PLACE OF EMPLOYMENT
N	17. Local and State Tax Base and Revenues COMMENTS AND SOURCE OF INFORMATION: SHOULD BE A BENEFIT TO BOTH LOCAL AND STATE TAX BASE.
N	18. Effects on Social Structures and Mores (standards of Social Conduct/Social Conventions) Demand on Social Services (law enforcement, Educational Facilities (libraries, schools colleges, universities) welfare, etc) COMMENTS AND SOURCE OF INFORMATION: WILL ADD TO THE AREA COVERED BY SHERIFF'S DEPARTMENT. SHERIFF'S DEPARTMENT DOES NOT HAVE SUFFICIENT STAFF FOR CONTINUED GROWTH OF THE COUNTY.
N	19. Transportation Networks (condition and use of roads, traffic flow conflicts, rail, airport compatibility etc) COMMENTS AND SOURCE OF INFORMATION: NO NEW PUBLIC ROADS WILL BE CONSTRUCTED. PRIVATE DRIVEWAYS WILL ACCESS THE PUBLIC ROADS. THE INCREASE WILL NOT EXCEED THE CURRENT CAPACITIES OF THE EXISTING PUBLIC ROADS.
N	20. Consistency with local ordinances, resolutions, or plans (conformance with local comprehensive plans, zoning or capital improvement plans) COMMENTS AND SOURCE OF INFORMATION: HAS RECEIVED COUNTY COMMISSIONERS AND COUNTY SANITARIAN APPROVAL. HOWEVER, COUNTY COMMISSIONERS ARE CONCERNED ABOUT CUMULATIVE IMPACTS OF DEVELOPMENT ON ALL COUNTY SERVICES AND ROADS.
NA	21. Regulatory Restrictions on Private Property Rights (Are we regulating pursuant to a police power? Does the Agency action restrict the use of the property beyond the minimum necessary to achieve compliance with the Act? What are the costs of such additional restrictions resulting from proposed permit conditions? Are other less restrictive ways of achieving the same goal? See your assigned legal counsel for assistance preparing this section.) Comments and Source of Information:

22. Description of and Impacts of Other Alternatives Considered:
A. IF SUBDIVISION NOT APPROVED, NO IMPACT WOULD OCCUR
B. IF APPROVED, PROPOSAL COMPLIES WITH ALL APPLICABLE LAWS AND RULES
23. Public Involvement: *Identify dates of meetings, comment periods, numbers of comments, etc and reference any attached responses, if any were appropriate to this project.*
24. Other Bureaus and Governmental Agencies with Jurisdiction: County Commissioners & County Health Department
25. Summary of Magnitude and Significance of Potential Impacts:
26. Cumulative Effects: No significant long term impacts with conditions (complies with all applicable laws and rules)

Recommendation for Further Environmental Analysis:

EIS More Detailed EA No Further Analysis

Rationale for Recommendation: No significant long-term impacts.

EA Checklist Prepared By:

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Date: 11-12-09