

Permitting & Compliance Division
Public Water & Subdivision Bureau / Subdivision Section
Environmental Assessment

Name of Project: Collishaw Subdivision

Type of Project: Subdivision E.Q. #09-2698

Location of Project: Sec. 17 & 18, T11N, R1W

County: Lewis & Clark

Description of Project: 2 Lot Subdivision. Served by shared onsite water supply and shared 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, irretreivable. 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 DESCRIBED AS LOAM AND LOAMY SAND. SOILS ARE SUITABLE FOR A SHARED ONSITE WASTEWATER TREATMENT SYSTEM.
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: TROUT CREEK IS THE EAST BOUNDARY OF THE LOTS
A	3. Air Quality (effects to and from project, dust, odors, emissions) COMMENTS AND SOURCE OF INFORMATION: DUST WOULD BE GENERATED FROM THE EXISTING TROUT CREEK ROAD.
A	4. Groundwater Resources & Aquifers (quality/nondegradation, quantity/reliability, distribution, uses/rights, # of aquifers, mixing zones) COMMENTS AND SOURCE OF INFORMATION: A- MEETS THE REQUIREMENT OF NITRATE SENSITIVITY AND PHOSPHOROUS BREAKTHROUGH.
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: WILL NOT USE SURFACE WATER AS POTABLE WATER SOURCE. STORMWATER SHOULD NOT CHANGE SINCE DRIVEWAY AND BUILDING EXIST. MIXING ZONE OF 100 FEET HAS BEEN GRANTED
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: NONE KNOWN
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: THE DRAINFIELD IS JUST 100 FEET FROM THE FLOODPLAIN AS DESIGNATED BY LEWIS AND CLARK FLOODPLAIN ADMINISTER, PAUL SPENGLER.
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. LAND UNSUITABLE FOR GRAZING DUE TO STEEP SLOPES.
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: ROADS, DRIVEWAYS, BUILDING EXIST. NO ADDITIOANL CONCERNS WITH AESTHETICS.
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: BOTH HOUSES EXIST. NO NEW SOURCE TO CHANGE ENVIRONMENTAL

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: NO CHANGES. LOT AND DWELLINGS EXIST.
B	13. General Housing Conditions (quality, quantity and affordability) COMMENTS AND SOURCE OF INFORMATION: SINGLE FAMILY HOUSES EXIST
N	14. Potential for Displacement or Relocation of Business or Residents COMMENTS AND SOURCE OF INFORMATION: NONE
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: FIRE AND PARAMEDIC SERVICES ARE 1.25 MILES AWAY AT YORK. POLICE AND AMBULANCE SERVICE IS LOCATED IN HELENA APPROXIMATELY 20 MILES AWAY. THIS IS A HIGH RISK FIRE AREA.
B	16. Local Employment and Income Patterns (quantity and distribution of employment, economic impact) COMMENTS AND SOURCE OF INFORMATION: NO CHANGE.
N	17. Local and State Tax Base and Revenues COMMENTS AND SOURCE OF INFORMATION: NO CHANGE.
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: STUDENTS WILL ATTEND SCHOOL IN EAST HELENA AND HELENA. LAW ENFORCEMENT LOCATED IN HELENA. NO CHANGE IN DEMAND FOR SERVICES.
N	19. Transportation Networks (condition and use of roads, traffic flow conflicts, rail, airport compatibility etc) COMMENTS AND SOURCE OF INFORMATION: EXISTING ROAD WILL HANDLE TRAFFIC. NO INCREASE IN USE OF ROAD.
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 COUNTY SANITARIAN AND COMMISSIONERS APPROVAL.
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:

Name: Mary Schroeder

Date: 09-28-09