

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

Name of Project: Open Range

Type of Project: Subdivision E.Q. #07-2808

Location of Project: Sec 27, T37N, R27W

County: Lincoln

Description of Project: 4 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: SOIL MOISTURE AND UNSTABLE SOILS WERE NOT NOTED IN THE PROFILE DESCRIPTION
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: NONE HAVE BEEN IDENTIFIED.
A	3. Air Quality (effects to and from project, dust, odors, emissions) COMMENTS AND SOURCE OF INFORMATION: DUST AND ODORS WILL AFFECT AIR QUALITY DURING CONSTRUCTION OF THE ROAD AND BUILDINGS.
A	4. Groundwater Resources & Aquifers (quality/nondegradation, quantity/reliability, distribution, uses/rights, # of aquifers, mixing zones) COMMENTS AND SOURCE OF INFORMATION: A- NONSIGNIFICANCE HAS BEEN APPROVED BY THE DEPARTMENT. SUBDIVISION WILL NOT DEGRADE WATER. WATER IS AVAILABLE FOR DOMESTIC USE AT 60' TO 360' DEEP
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: NONSIGNIFICANCE DETERMINATION HAS BEEN APPROVED BY THE DEPARTMENT. STORMWATER STRUCTURES WILL BE CONSTRUCTED.
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 WERE IDENTIFIED IN THE FINDINGS OF FACT OF THE GOVERNING BOARD.
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: EFFECTS ON AGRICULTURAL LANDS WERE NOT IDENTIFIED IN THE FINDINGS OF FACT.
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: ODORS COULD OCCUR IF WOOD BURNING IS ALLOWED.
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: THE ADDITION OF FOUR SINGLE FAMILY RESIDENCE WILL HAVE A LIMITED ON WATER, AIR OR ENERGY USE

