

## Olmsted County Environmental Checklist

**Project name:**

**Project description:**

**Project location:**

**County contact for application:**

1. **Environmental Hazards:** Are there any environmental hazards on the site (*sinkholes, improperly abandoned wells, buried solid or hazardous wastes, unauthorized dumping of wastes, or other potential health or safety hazards*)?  Yes  No

**If yes,** describe the environmental hazard and the steps proposed to mitigate the hazard.

**If no,** describe which information sources were used in assessing environmental hazards on the site (*i.e. sources such as the County Geologic Atlas and MN County Well Index; aerial photos, site survey, information provided by land owner, etc.*)?

2. **Impacts on Biological Resources:** Are there any state listed endangered, threatened, or special-concern species; rare plant communities; colonial waterbird nesting colonies; native prairie or other rare habitat; or other sensitive ecological resources on or within 1 mile of the site?  Yes  No

**If yes,** describe the resource and how it would be affected by the project. Describe measures to be taken to minimize or avoid adverse impacts.

**If no,** describe which sources of information were used in assessing impacts on biological resources (*i.e. County Biological Survey, aerial photos, site survey, MN DNR, land owner, etc.*).

3. **Impacts on Surface Water Resources:** Will the project involve the physical or hydrologic alteration (*dredging, filling, stream diversion, outfall structure, diking, impoundment*) of any surface water (*lake, pond, wetland, stream, drainage ditch*) or the appropriation of surface water?  Yes  No

**If yes,** identify the water resource to be affected and describe the alteration, including the construction process; volumes of dredged or fill material; area affected; length of stream diversion; water surface area affected; timing and extent of fluctuations in water surface elevations; spoils disposal sites; and proposed mitigation measures to minimize impacts.

4. **Impacts on Surface Water Quality:** How will runoff from the site be managed to maintain the quality of receiving waters during and after disturbance of the site? What

methods were used to calculate changes in runoff from the site, or what information was used to estimate those changes?

5. **Impacts on Ground Water Resources:** Describe measures to be taken to avoid degradation of groundwater quality, including

- (for non-residential uses only) materials storage and management,
- (for non-residential uses) waste storage and management,
- (for all uses) management of surface applications of nutrients and other materials, and
- (for all uses) wastewater treatment.

What methods were used to calculate changes in groundwater quality at the site, or what information that was used to estimate those changes?

6. **Impact on Air Quality (does not apply to residential uses or to vehicle emissions):** Will the proposed use generate air emissions, dust, odors, or other sources of air pollutants?  Yes  No

**If yes,** describe measures to be taken to avoid degradation of air quality from emissions, dust, odors, or other sources.

**If no,** describe which sources of information were used in assessing potential air quality impacts.

7. **Identification and Management of Impacts on Adjacent Properties (applies only to non-residential uses):** Will the use generate:

- Noise at levels exceeding ambient levels?  Yes  No **If yes,** what is the extent to which adjacent properties may be affected? What measures will be taken to control impacts?
- Odors?  Yes  No **If yes,** what is the extent to which adjacent properties may be affected? What measures will be taken to control impacts?
- Dust?  Yes  No **If yes,** what is the extent to which adjacent properties may be affected? What measures will be taken to control impacts?
- Debris?  Yes  No **If yes,** what is the extent to which adjacent properties may be affected? What measures will be taken to control impacts?
- Other hazards?  Yes  No **If yes,** what is the extent to which adjacent properties may be affected? What measures will be taken to control impacts?

If no to any of the above, what were the sources of information used in assessing potential impacts. For feedlot expansions, attach the results of the University of Minnesota OFFSET modeling results.

8. **Open Space, and Environmental Corridors (for plats and general development plans only):** What provisions will be made for open space and environmental corridors, if any? How will such provisions relate to adjacent properties and to other corridors and open space areas in the vicinity? Which information sources were used to identify corridors and open space areas such as parks, public waters, State Wildlife Management Areas, and State Scientific and Natural Areas in the vicinity?
9. **Resource Impacts:** How will the proposal affect agricultural and other resources on the subject property and adjacent properties? How will the proposal affect energy resources? Which information sources were used to identify agricultural, energy, and other resources?
10. **Infrastructure Impacts:** How much traffic will the proposal generate? How much truck traffic (*during and after construction, if applicable*)? Describe the adequacy of adjacent streets and intersections to handle anticipated traffic. Which information sources were used to identify infrastructure impacts?
11. **Impacts on Potential Environmentally Sensitive Lands:** Identify and describe any of the following features on the site and describe how the proposed development will take account of, or integrate these features:
  - wetland, shoreland, bluffland, flood plain areas, or Decorah Edge;
  - springs, seeps, sinkholes, or other focused recharge or discharge areas;
  - areas in forest cover and the condition of the forest;
  - native plant communities except forest;
  - slopes over 18%.

Which information sources were used to identify the above features (i.e. sources such as the County Geologic Atlas, County Soil Survey, County Biological Survey, aerial photos, site survey, information provided by land owner, etc.)?

**Environmental Checklist was completed by:**

Name (print):

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Address:

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Phone: \_\_\_\_\_ Email: \_\_\_\_\_

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Signature

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Date