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CLARK COUNTY
WASHINGTON

CRITICAL AREA RECHARGE AREA(CARA) REVIEW APPLICATION PACKET

**Public Works
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CRITICAL AQUIFER RECHARGE AREA (CARA) SUMMARY

PUBLIC WORKS
DEVELOPMENT ENGINEERING PROGRAM

A. What is the purpose of the CARA permit?

The CARA ordinance was established for preventing degradation, and where possible, enhancing the quality of groundwater for drinking water or business purposes. The CARA review is intended to limit potential contaminants within designated critical aquifer recharge areas. Groundwater provides 95% of our drinking water in the county. The CARA ordinance took effect August 1, 1997.

B. What is the land use limitation under CARA?

If you plan to conduct certain activities that would have an impact on groundwater in Clark County, Washington, you may need a permit to comply with the Critical Aquifer Recharge Areas ordinance.

The ordinance **does not** apply to:

- Existing legal activities established prior to July 31, 1997;
- All residential uses other than those having activities covered by Section 40.410.020(A)
- Group A public water system source development and associated infrastructure
- Public water supply aquifer storage and recovery (ASR) facilities
- Public water pipelines
- Public water supply storage structures
- Other uses not listed in Sections 40.401.020(A), (B) or (C)
- Activities already permitted and regulated by the State of Washington and/or the Clark County Health Department to incorporate Best Management Practices (BMP's); and,

The ordinance applies to activities in designated Critical Aquifer Recharge Areas that include most of Clark County west of the Cascade foothills. These areas are divided into two categories on how close they are to public drinking water. Certain activities are prohibited in Category I areas because they are close to public wells. These activities are permitted in Category II but require a CARA permit. These include the following:

1. Landfills
2. Class V injection wells
3. Agricultural drainage wells,
4. Untreated sewage waste disposal wells,
5. Cesspools,
6. Industrial process water and disposal wells
7. Radioactive water disposal;
8. Electroplating activities
9. Radioactive disposal sites; and
10. Surface mining operations.

There are no activities prohibited in Category II areas, but they may be subject to other limitations specified within the Clark County Code (CCC). A map delineating the Category I and II boundaries is on file with the Clark County Assessment and GIS.

In both Category I and II areas, certain activities are required to implement Best Management Practices (BMP's) to minimize effects to the activity on ground water. The Ordinance applies to the following activities in both categories.

- Above and below ground storage tanks (tanks and pipes used to contain an accumulation of regulation substances)
- Facilities that conduct biological research
- Boat repair shops
- Chemical research facilities
- Dry cleaners
- Gasoline service stations
- Pipelines
- Printing and publishing shops (that use printing liquids)
- Below ground transformers and capacitors
- Sawmills (producing over 10,000 board feet per day)
- Solid-waste handling and processing
- Vehicle repair, recycling, and auto wrecking
- Funeral services
- Furniture stripping
- Motor vehicle service garages (both private and government)
- Photographic processing
- Chemical manufactures and reprocessing
- Creosote and asphalt manufacturer and treatment
- Electroplating activities
- Petroleum and petroleum products refining, including reprocessing
- Wood products preserving
- Golf courses
- Regulated waste treatment, storage, disposal facilities that handle hazardous material
- Medium quantity generators (dangerous, acutely hazardous, and toxic extremely hazardous waste)
- Large quantity generators (dangerous, acutely hazardous, and toxic extremely hazardous waste)

C. Is there information available about Best Management Practices to help safeguard groundwater?

Yes, the department shall maintain and update a library of best management practices recommended by the State of Washington and federal agencies.

D. Where can I obtain information about water supply well in my area?

The Clark County Health Department will provide list of the physical location of all public water supply wells.

E. What is the CARA review process?

To receive a CARA permit, the applicant must demonstrate, through a Level I Site evaluation Report, how they will integrate necessary and appropriate best management practices to prevent degradation to groundwater. The applicant must also meet existing local, state and federal laws and regulations. A Level I Site Evaluation Report shall be completed and submitted to the Development Engineering Program for review and approval [see Clark County Code 40.410.030 (B)].

If an applicant wants to avoid implementation of applicable best management practices, they must submit a Level 2 Site Evaluation Report, develop, and implement a monitoring program that consists of the following:

- Demonstrate, through Level 2 Site Evaluation Report, how they will prevent degradation to groundwater. The applicant must also meet existing local, state and federal laws and regulations. A Level 2 site Assessment Report shall be completed and submitted to the department for review and approval (see CCC 40.410.030(C)); and,
- Develop and implement a monitoring program with quarterly reporting to the department. The department will evaluate the monitoring program and may require periodic changes based on the monitoring results, new technology, and/or BMP's.

Critical Aquifer Recharge Area permits are reviewed and issued with the primary development permit required by Clark County.

If you have any questions, please contact:

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NOTE: This handout is not a substitute for county code. For information that is more detailed please refer to Clark County Code 40.410 Critical Aquifer Recharge Areas (CARA)



CRITICAL AREA RECHARGE AREA (CARA) SUBMITTAL REQUIREMENTS

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DEVELOPMENT ENGINEERING PROGRAM

NOTE: The following checklist identifies information to be included. All items checks must be submitted before the submittal can be accepted. All submittals not determined to be complete will be returned to the applicant for corrections.

Minimum Submittal Requirements for Critical Area Recharge Area Application:	
<input type="checkbox"/>	Cover Sheet / Letter of Transmittal
<input type="checkbox"/>	Application Form
<input type="checkbox"/>	Application Fee
<input type="checkbox"/>	Submittal requirement checklist
<input type="checkbox"/>	Level I Site Evaluation Report or Level 2 Site Assessment Report. Refer to Clark County Code 40.410.030(B) and (C),
<input type="checkbox"/>	Cover sheet and table of contents – each submittal packet shall contain a cover sheet that contains the project name and applicant's name, address, and phone number. A table of contents, tabs, and/or dividers to provide assistance in locating various requirements shall follow the cover sheet. Associated applications –applications associated with the preliminary plat, to the extent applicable (e.g. floodplain, habitat, shoreline, wetlands, variance, etc) must be submitted prior to or concurrent with this applicant (see Pre-Application Conference Report)
<input type="checkbox"/>	Special Studies (as identified within the Pre-Application Report), if applicable [] 1 original and 3 copies -- Archeological Predetermination [] 1 original -- Archeological Study [] 1 original and 3 copies -- Traffic Study and Road Modification request [] 1 original and 2 copies -- of all other special studies or permits to include but not limited to: floodplain; geohazard; habitat; shoreline; stormwater, erosion control, and wetland
<input type="checkbox"/>	2 reduced copies of 11" x 17" of all sheets larger than 11" x 17"

Not all items required for a complete review are on this list. It is the responsibility of the engineer to provide plans that will satisfy all conditions of land use approval and all code requirements.