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SNOHOMISH COUNTY COUNCIL

ORDINANCE NO. 83-054  
AMENDMENTS TO SNOHOMISH COUNTY  
SHORELINE MANAGEMENT MASTER PROGRAM  
PERTAINING TO MINING REGULATIONS

BE IT ORDAINED:

Section 1. Snohomish County Shoreline Management Master Program General Regulations for "Mining" at pages F-42 and F-43, adopted by Resolution September 1974, are repealed:

New Section, Section 2: Snohomish County Shoreline Management Master Program, General Regulations for "Mining" at pages F-42 and F-43, are added as follows:

REGULATIONS

General

1. Applications for mining permits shall be accompanied by a report on the geologic makeup of the site, prepared by a competent professional geologist, addressing the following (at a minimum):
  - a. Type of material(s) present on the site;
  - b. Quantity of material(s) (by type);
  - c. Quality of material(s) (by type);
  - d. Lateral extent of mineral deposit;
  - e. Depth of mineral deposit;
  - f. Depth of overburden;
2. Applications for excavation of sand, gravel and other minerals within any 100 year floodplain shall be accompanied by a report on the potential hydraulic impacts of the proposed operation. Said report shall contain the following information (at a minimum):
  - A. Flood information including:
    1. The minimum flood frequency necessary to inundate the site.
    2. The velocity and depth of inundating floodwaters in the proposed excavation area for the 10, 50 and 100 year flood events, and the potential for the proposed development to increase local flood flow velocities.
    3. The location of the hydraulic floodway as defined in 18.68.020 SCC on the project site and the location of any improvements or uses proposed in the floodway.
    4. Type and quantity of sediment anticipated to be deposited annually at any proposed bar excavation site.
  - B. The potential for erosion in the area, including possible river channel changes. This includes potential for flood water erosion of existing or proposed berms or dikes located on the project site.
  - C. The potential for acceleration of erosion and sediment transport of materials upstream and downstream of the site due to the proposed excavation.
  - D. The potential for existing upstream or downstream spawning and rearing areas to be affected by bedload deposition within the excavation area.

The above information is to be required only once for each particular project if the proposal is approved. Subsequent applications for the same proposal (due to permit expiration or need for permit renewal) shall not require submittal of this information unless there is evidence that changes in hydraulics have occurred or that new information is available.

3. A reclamation plan shall be submitted with each application. Such plan shall provide for reclamation of the site into a use which is permitted by this program for the site and shall indicate the time period over which excavation shall continue;
4. The applicant must demonstrate that the following potential impacts will not occur, are insignificant, or can be adequately mitigated:
  - a. Channel changes
  - b. Changes in transport or deposition of sediment
  - c. Bank erosion upstream or downstream of the excavation
  - d. Changes to riparian habitat
5. Scalping of streamway bars is permitted provided that:

no more material may be removed in one mining season than will predictably be replaced by natural processes during the subsequent wet season.
6. Mining of marine and lake beaches, including but not limited to sand, gravel, cobbles, boulders, or quarry rock from any marine or lake beach for purposes of sale or use in manufacturing products, or for any other commercial or industrial purpose, is prohibited;
7. Stockpiling and processing of materials shall not be allowed in the floodway as defined in 18.68.020 SCC, unless the applicant can demonstrate compliance with Chapter 18.68 SCC.
8. Non-commercial mining of sand and gravel on marine beaches or in river beds shall be strongly discouraged and shall be prohibited if necessary to preserve natural wildlife habitats and natural processes such as dune systems, littoral drift, erosion, accretion, and depletion.
9. All shoreline mining operations shall use buffer zones, settling ponds, erosion prevention measures, and/or other precautions to protect the shoreline from mine-generated sediment, debris and contaminated effluent.
10. Topsoil overburden having value for agriculture or other beneficial uses shall not be disposed in a manner which precludes future utilization or impairs its value;
11. Mining in or under Snohomish County waters shall be undertaken only during periods permitted by the appropriate State regulatory agencies.
12. Excavation of sand, gravel and other minerals shall be done in strict conformance to the Washington State Mine Surface

Reclamation Act (RCW 78.44) and the provisions of the Snohomish County Code;

13. Should substantial evidence be submitted to Snohomish County indicating that the continuance of any project in the current manner is detrimental to the proper functioning of the subject river, this permit shall be reviewed by the granting authority to determine if further conditions should be imposed or if the permit should be terminated.

Section 3. Snohomish County Shoreline Management Master Program Rural Environment for "Mining" at page F-43, adopted by Resolution September 1974, is amended to read:

1. A minimum 50-foot buffer of undisturbed soils and vegetation shall be maintained between mining sites, including all accessory developments, and other properties not used for mining and abutting bodies of water or natural wetlands; provided that, the water body buffer requirement may be waived for approved streamway bar scalping operations.

Dated this 23rd day of May, 1983

SNOHOMISH COUNTY COUNCIL  
Snohomish County, Washington

Cliff Bailey  
Chairman

Ellie Snyder  
Clerk of the Council

- (  ) APPROVED
- (    ) EMERGENCY
- (    ) VETOED

DATE 5-25-83

Willis D. Tucker  
County Executive

PUBLISHED \_\_\_\_\_

\_\_\_\_\_, DPA

Approved as to form