



**MULTNOMAH COUNTY OREGON**  
**LAND USE AND TRANSPORTATION PROGRAM**  
1600 SE 190<sup>TH</sup> Avenue Portland, OR 97233  
PH: 503-988-3043 FAX: 503-988-3389  
<http://www.co.multnomah.or.us/dbcs/LUT/land>

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**GRADING AND EROSION CONTROL and  
FLOOD DEVELOPMENT PERMIT**  
**CASE FILE: T1-04-003**  
**October 6, 2006**

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**Request:** Grading and Erosion Control Permit and Flood Development Permit application to stabilize the toe of an eroded levee with geotextile fabric, 580 cubic yards of sand and 1,820 cubic yards of rip rap rock. The portion of levee to be repaired is 1,060 feet long. The rip rap slope will be at least 3-feet thick and be constructed at a 1.5H:1V slope.

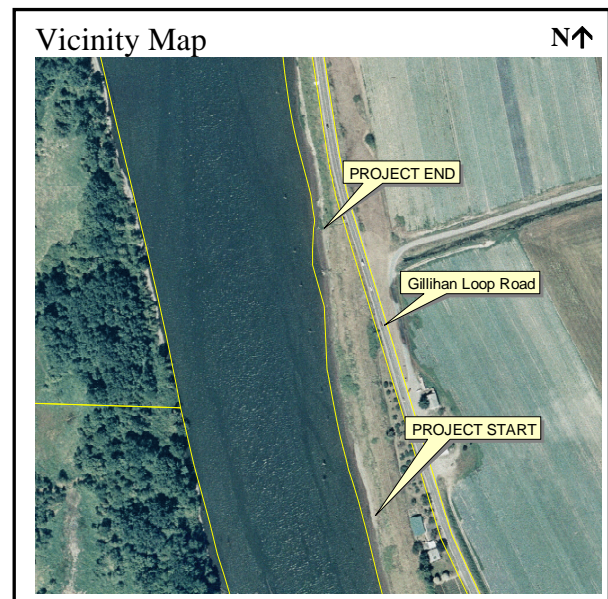
**Location:** No Address  
Sauvie Island Levee  
1N1W21C-TL2600

**Applicant:** Josh Townsley  
Sauvie Island Drainage District

**Owners:** Mary and George Douglas  
15105 NW Sauvie Island Road

**ORDINANCE REQUIREMENTS:**

Applicable standards for this permit can be found in Chapter 29.300 et seq., Grading and Erosion Control Code, and Flood Hazard Regulations Chapter 29.600 et seq. of the Multnomah County Building and Specialty Codes, copies of which are available at our office.



**MODIFICATIONS AND LIMITATIONS:**

This permit is based on written narrative(s) and plan(s) provided by the applicant and attached as Exhibit 3, and the supporting documents from the US Army Corps of Engineers and National Marine Fisheries Service in Exhibit 4. No development shall occur under this permit other than that which is specified within these documents. It shall be the responsibility of the property owner to comply with these documents and the limitations described herein.

**On-going restrictions:**

1. Erosion and sediment controls must be installed prior to commencement of the project and must be kept in working order during the project. Erosion Control measures are to include a row of touching straw bales placed between the riprap area and edge of water for Multnomah Channel

along the entire 1,060 linear foot work area (MCC 29.345(A)(2)(e)& (h)). A copy of the approved erosion control plan is included as Exhibit 1 of this permit.

2. Two signs warning of truck travel, meeting the attached design standard in Exhibit 2, shall be posted 500-feet south of the temporary access point and 500-feet north of the temporary access point. These signs must be posted prior to commencement of the project.
3. If the existing access point is not currently graveled, a temporary rock construction entrance must be installed at the temporary access road connection to Gillihan Loop Road to minimize tracking of sediment onto the public road, minimize dust generation and to protect the site from repetitive truck wheel turning action (MCC 29.345(A)(2)(e)& (h)). The rock construction entrance shall be 50-feet long, 20-feet wide (if site conditions allow) and use 2 - 4 inch diameter rock, placed on top of geotextile fabric for support. The temporary rock construction access must be removed after the completion of construction.
4. On a daily basis, all mechanical equipment used in or near the creek shall be inspected for leaks. If any signs of leakage on the equipment are found, it shall not be utilized for the grading operation until repaired. No temporary repairs of the leakage are allowed (i.e. duct tape). If any evidence of leakage of petroleum products is seen within the stream channel or adjacent, the mechanical equipment shall be immediately be taken from service until repaired. All mechanical equipment shall be stored, when not in use, on top of the levee rather than on the river bank (MCC 29.345(A)(2)(n)).
5. In the event any trees or shrubs are removed, the removed trees and shrubs shall be replaced in the same general area at a 1:1 ratio (Removed:Replaced) with only native species within 14-days of project completion (MCC 29.345(A)(2)(e) & (f)).
6. Any excavated materials not used as part of the slope protection project shall be taken to an appropriate disposal site that has obtained all federal, state and local permits, as required. All excavated materials shall be removed the same day as excavated. No temporary storage of excavated earthen materials is allowed overnight or longer. If material is not to be immediately placed in a vehicle to be removed from the site, it shall be placed at least 100 feet from the stream channel and shall be protected by adequate erosion control measures for the materials (MCC 29.345(A)(2)(m)).
7. No storage of earth materials or equipment is permitted within the 100-year flood plain of Multnomah Channel (MCC 29.607(A)(1)).
8. Within 30 days of completion of the excavation work, an Oregon Licensed Professional Engineer shall provide documentation to the Land Use Planning Division that the work has been adequately completed in accordance with the scope of this permit approval (MCC 29.605(B)).

**Follow-up requirements after grading:**

1. The property owner shall verify that all erosion control measures are properly installed and in working order prior to initiating grading activities. All erosion control measures shall be kept in working order until the site has been stabilized.
2. **The erosion control permit notice (attached) is to be posted at the project site with print facing Gillihan Loop Road. This notice is to remain posted until such time as the grading**

**work is completed.** In the event this sign is lost, destroyed, or otherwise removed prior to the completion of the grading work, the applicant shall immediately contact the Land Use Planning Office to obtain a suitable replacement.

3. All disturbed areas are to be seeded with native grass seed within fourteen (14) days of project completion.

**Please note that weight restriction signs for truck travel are posted on the Sauvie Island Bridge. Please contact Alan Young, Multnomah County Right-of-Way Permit Specialist, to discuss the permit requirements to exceed the posted weight limits, if necessary. In addition, prior to commencement of the project, please contact Alan Young, Multnomah County Right-of-Way Permit Specialist, regarding any required temporary access permit (503-988-3582 x 22809). Alan Young can be reached at 503-988-3582 x 22809.**

**Issued by:**

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Signed: Adam Barber, Planner  
For: Karen Schilling - Planning Director

Date: October 6, 2006