



201101200071

Skagit County Auditor

1/20/2011 Page 1 of 2 10:51AM

Return Address:

Skagit County Public Health Department  
700 South Second Street, Room 301  
Mount Vernon, WA 98273

Document Title: Solid Waste Permit- tire monofill

Reference Number : \_\_\_\_\_

Grantor:

Johnson Dairy Farm  
Johnson, Kenneth

Grantee:

Skagit County Public Health Department

Abbreviated Legal Description:

Government Lot #5 . Sect. 3, T 34, R 4

Assessor Parcel/ Tax ID number:

P23454. 340403-0-009-0004

Contact the Skagit County Public Health Department in Mount Vernon, WA for additional information, 360-336-9380. This recording on the property title can not be removed without written permission of the Health Department.

*Excerpt from Skagit County Public Health Department solid waste permit issued January 2011:*

The project used approximately 5,000 tire bales equaling approximately 10,000 cubic yards in volume and elevating approximately 22,500 square feet of ground above the historical 100 year Skagit River flood height. This permit is issued for a project specific tire bale monofill which will be used exclusively as a livestock pad where the livestock and farm equipment may be moved to during flood events to elevate the livestock above the historical 100 year flood height of the Skagit River. Livestock shall not be routinely held or pastured on the livestock pad area other than during periodic flood events. The tire bales were placed above the seasonal high water table. The monofill is incorporated into an existing swale and in an area that has not historically been subject to flood waters with moderate or high velocity nor an area that is subject to moderate or high erosion potential. The permittee, current and future property owner(s) of this site are responsible for any and all maintenance at the site, adherence to all site restrictions and requirements, and any potential future remediation activities which may be required at this site or as a result of this site. The land owners are responsible for the tire bale monofill in perpetuity, even if a current solid waste permit is not in effect.

Engineer: David Lervik, PE. Lervik Engineering, PO Box 684, Anacortes WA 98221  
360-428-4007. *Excerpt from Lervik Tire Bale Grading & Placement document, 2006:*

Project Operation

1. Site preparation. Strip topsoil and organic matter from surface of area. Stockpile material for final cover operations. Construct level grade throughout area to be filled with tire bales. Stockpile native soil for use during backfill process.
2. Bale Placement. Construction of Bale lifts: Stack bales in brick like fashion. Offset bales to ensure that continuous vertical seams are avoided- a minimum 12" offset shall be required. Refer to

manufacturers guidelines. Any faces of the tire bales that are not placed against compacted native material shall be constructed at a slope of 1H:6V. Anchoring: Bales shall be anchored based on manufacturer's recommendations. Filling Voids: After placement of each layer, the entire layer shall be covered with native or imported bank run gravel or sand and vibrated to work the material into the voids. Additional sand or gravel shall be added to completely fill the voids. When no additional material can be worked into the voids, a uniform 3" minimum layer of sand or gravel shall be placed across the entire layer before placing the next layer of bales.

3. Final Cover. After the last layer of bales are placed and all voids have been filled as described in Section 2 above, a minimum of 12" of native topsoil, sand and/or gravel shall be placed over the top of the site and compacted to approximately 90% maximum relative density. Side slopes from the finished grade shall be no steeper than 3H:1V. The exposed soils shall be seeded and covered with mulch consisting of straw, local hay or other approved material.

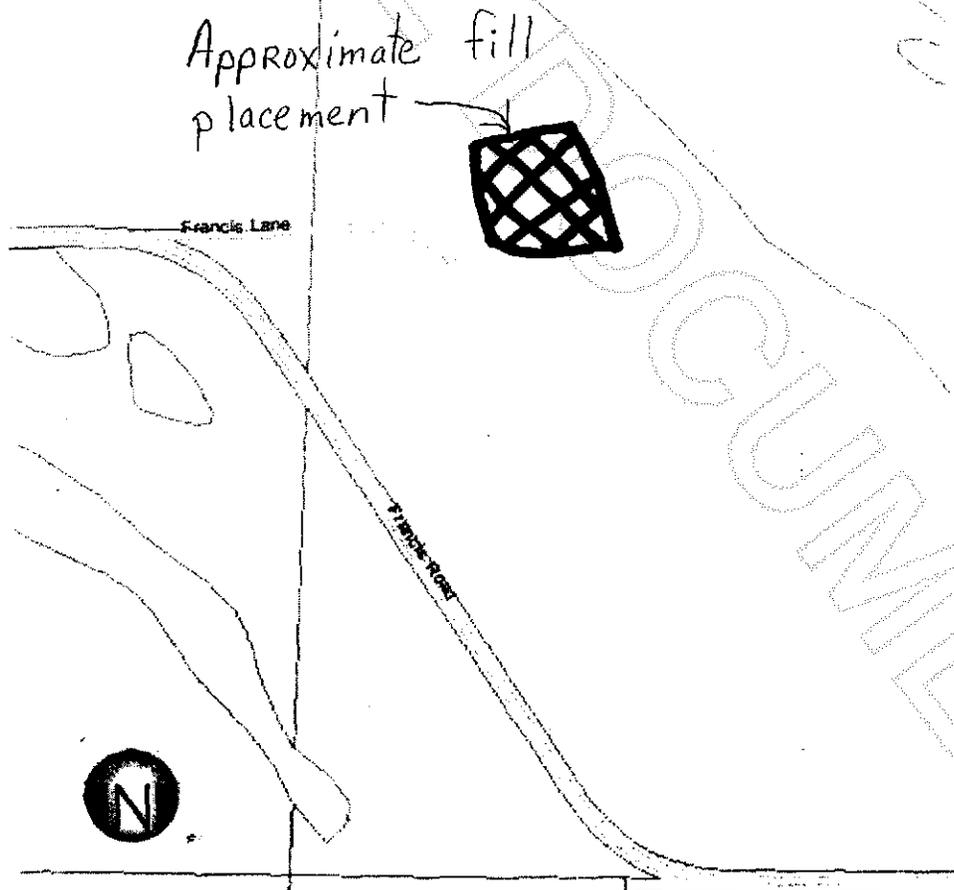
4. Material specification. Material used for backfill and cover shall be native or imported material in general conformance with WSDOT specification 9-03 Aggregate for Gravel Base.

Design Standards:

A. Design Capacity. Placement of fill detailed in this project is intended solely for the repair, fill and restoration of washed out area, and for the storage of cattle and farm equipment. This fill is neither designed nor approved for the support of structures or large loads. Further analysis and permitting of the fill is required for any other use beyond that stated in item #1 above.

B. Material Specifications. Tire bales shall be constructed and employ materials as specified by the manufacturer.

Gov. Lot 5 S 03 T 34 N R 04 E



201101200071  
Skagit County Auditor