DEWATERING DISCHARGE IN
WELL VEGETATED UPLANDS

NOTES:
1. Pump intake hose must be secured at least one foot above the trench bottom.
2. Dewater into geotextile filter bag or straw bale dewatering structure.

Geotextile Filter Bag

NOTE:
1. Filter bag location shall be flagged so that bag can be removed.

For environmental review purposes only.

Municipal Separate Storm Sewer System (MS4)
2857 W. St. Rd. 2, Suite B – LaPorte, IN 46350 – Phone (219) 326-6808 Ext. 2114
Construct dewatering structure to accommodate anticipated pumping rates. See example below.

Example pumping rate = 200 g.p.m.
Storage volume (c.f.) = 16 x 200 g.p.m. = 3200 c.f.
Height of straw bale structure = 3 feet (2 bales stacked) (based on height of bales, not silt fence)
Inside dimensions of structure = 33 x 33 feet square

Notes:
1. Silt fence ends must be wrapped to join two sections.
2. Install silt fence 2 inches above top of straw bales, and anchor a minimum of 8 inches straight down.
3. Silt fence post staking must be 4 feet or less.
4. Dewatering intake hose supported at least 1 foot from bottom of trench being dewatered.
5. Erosion and sedimentation control measures shall be inspected and maintained in accordance with the company's upland erosion control, revegetation, and maintenance plan.

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Municipal Separate Storm Sewer System (MS4)
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Construct Dewatering Structure to accommodate anticipated pumping rates. See example below.

Example Pumping rate = 200 g.p.m.
Storage volume (c.f.) = 16 x 200 g.p.m. = 3200 c.f.
Height of straw bale structure = 1.5 feet (1 bale) (based on height of bales, not silt fence)
Inside dimensions of structure = 46 x 46 feet square

Notes:
1. Silt fence ends must be wrapped to join two sections.
2. Install silt fence 2 inches above top of straw bale, and anchor a minimum of 8 inches straight down.
3. Silt fence post staking must be 4 feet or less.
4. Dewatering intake hose supported at least 1 foot from bottom of trench being dewatered.
5. Use a filter bag at the discharge hose end.
6. Erosion and sedimentation control measures shall be inspected and maintained in accordance with the company's upland erosion control, revegetation, and maintenance plan.

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